

CERTIFIED COMPLIANCE REPORT OF CONDITIONS LAID IN THE ENVIRONMENTAL CLEARANCE

F. No. J-11011/343/2007-IA II (I)

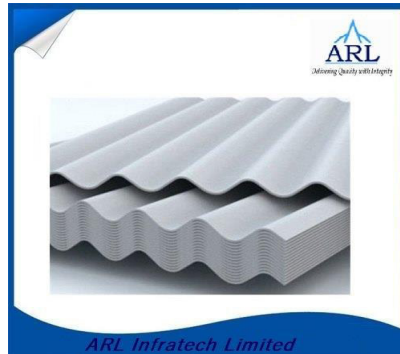
OF

“ARL INFRATECH LIMITED”

At

**Khasra Nos. 718, 719, 720, 721, 885/722 & 717(part),
Village – Dahami Khurd, Bagru, Tehsil – Sanganer, District – Jaipur (Rajasthan)**

Total Plot Area: 72,263 sq. m.



Submitted By:

ARL INFRATECH LIMITED

Plot no. – A-27/13-A, Kanti Chandra Road, Bani Park, Jaipur (Rajasthan)

Prepared By:



GAURANG ENVIRONMENTAL SOLUTIONS PRIVATE LIMITED

SIMPLIFYING SUSTAINABILITY

#102, SNG, Shri Ratna Apartment

Peetal factory, Jhotwara road, Jaipur-302016

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NABET Accreditation: NABET/EIA/2023/SA 0203

Compliance Period: April 2023-Sept 2023



No. 127/573
Nov. 23, 2023.

To
Regional Officer,
Ministry of Environment & Forest,
Regional Office, Central Region,
Aranya Bhawan, Mahatma Gandhi Rd,
Jhalana Institutional Area, Jawahar Nagar,
Jaipur, Rajasthan 302004

Sub: Regarding compliance of the conditions laid in the Environment Clearance issued for Expansion of Asbestos Cement sheets & pressure Pipes (1,60,000 TPA to 2,40,000 TPA) situated at Village – Dahami Khurd, Bagru, Tehsil – Sanganer, District – Jaipur (Rajasthan) promoted by ARL Infratech Limited

Ref: Environment Clearance issued vide letter no J-11011/343/2007-IA II(I) dated 01.12.2020

Sir,

In regards to the above, please find enclosed the half yearly Compliance Report to the conditions laid in the Environment Clearance for the period of April 2023 to Sept. 2023 issued for Expansion of Asbestos Cement sheets & pressure Pipes (1,60,000 MTPA to 2,40,000 MTPA) situated at Khasra Nos. 718, 719, 720, 721, 885/722 & 717(part), Village – Dahami Khurd, Bagru, Tehsil – Sanganer, District – Jaipur (Rajasthan) by ARL Infratech Limited, for your kind perusal.

Thanking You
For ARL Infratech Ltd.

(Authorized Signatory)

ARL Infratech Ltd.

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CIN: U26932RJ1996PLC012146

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Promoter : ARL Infratech Limited	

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Promoter : ARL Infratech Limited	

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Project	: Asbestos and Non asbestos Cement Sheets & Pressure Pipe manufacturing unit	Compliance Report of the conditions laid in the Environmental Clearance from April 2023- Sept. 2023
Promoter	: ARL Infratech Ltd.	

Indemnification

	Gaurang Environmental Solutions Pvt. Ltd.	
	Report Ref : GESPL_215(A)/2023-24/Certified Compliance/232	Rev No. 02


Project: - Asbestos and Non asbestos Cement Sheets & Pressure Pipe manufacturing unit	Indemnification
Promoter: - ARL Infratech Ltd.	

INDEMNIFICATION

Utmost care has been taken in preparation of this EC Compliance Vis a Vis Asbestos and Non asbestos Cement Sheets & Pressure Pipe manufacturing unit Located at Khasra No. 718, 719, 720, 721, 885/722 & 717(part), Village – Dahami Khurd, Bagru, Tehsil – Sanganer, District– Jaipur Rajasthan. Promoted by **ARL Infratech Ltd.** The data incorporated in the Compliance is generated through information received from project proponent in form of the details received through e-mail, discussion, site visit & secondary information. Due care has been taken to represent facts and figures and sources acknowledged. The purpose of this document is to submit Six Monthly EC Compliance Report. The Consultant stands indemnified against any consequences arising out of any inadvertent omissions.

REVISION HISTORY

Report No.	GESPL_215(A)/2023-24/Compliance/232
Type of Report	EC (Environmental Clearance) Compliance
Revision No.	00
Issue to	ARL Infratech Ltd.
Issue Date	01.12.2020

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Project	: Asbestos and Non asbestos Cement Sheets & Pressure Pipe manufacturing unit	Compliance Report of the conditions laid in the Environmental Clearance from April 2023- Sept. 2023
Promoter	: ARL Infratech Ltd.	

Introduction of the project

	Gaurang Environmental Solutions Pvt. Ltd.	
	Report Ref : GESPL_215(A)/2023-24/Certified Compliance/232	Rev No. 02

COMPLIANCE REPORT TO THE CONDITIONS LAID IN THE ENVIRONMENTAL CLEARANCE

PREAMBLE:

EIA follow up commonly referred to as Compliance reporting is the process of monitoring, evaluation and validation of the outcomes of EIA. It is followed by management and communication to the stakeholders. EIA Notification, 2006 (S. No. 1533) mandates the project management to submit the half yearly compliance in respect of the stipulated prior environmental clearance terms and conditions in hard and soft copies to the regulatory authority concerned, on 1st June and 1st December of each calendar year (Para 10, sub Para (i) of said Notification).

Follow-up is internationally considered essential to determine the outcome of EIA through evaluating environmental performance of projects (*Marshall et al., 2005; Morrison-Saunders et al., 2007*). It is also termed as monitoring and auditing. EIA follow up relates to the construction as well as operational phase of the project. EIA follow-up is in place until the very end of the project's life cycle. It plays an important role in tracking the environmental performance of the project.

EIA follow-up comprises off our elements {*Art et al, 2010 (page 176)*} which are as follows:

1. **Monitoring** – Collection of Environmental data during operation phase. The parameters include:
 - a. Ambient air monitoring
 - b. Work zone monitoring
 - c. Process & DG stack emissions
 - d. Ambient noise levels (Day & Night) at the project boundary
 - e. Work zone noise levels (Day & Night)
 - f. Water quality monitoring (STP inlet & outlet)

Other related information was collected during site visits as well as compliance of the conditions were monitored and recorded during site visits.

2. **Evaluation** – the appraisal of the conformance with standards, predictions or expectations as well as the environmental performance of the activity.



3. **Management** – making decisions and taking appropriate action in response to issues arising from monitoring and evaluation activities.
4. **Communication** – informing the stakeholders about the results of EIA follow-up in order to provide feedback on project/plan implementation as well as feedback on EIA processes.

PROJECT INTRODUCTION:

The project is an Asbestos & Non-Asbestos Cement Sheets and Pressure Pipes manufacturing unit with production capacity 2,40,000 MTPA. Currently, ARL Infratech Limited has switched a significant part of its product (Asbestos cement sheets & cement pressure pipes) to the non-asbestos variety, which also has a good export potential. This change to non-asbestos fibre does not affect the manufacturing process significantly and the same machinery installed can be used with other fibres as well. The project site is situated at Dahami Khurd, Sanganer, Jaipur, Rajasthan. The project was granted environment Clearance for expansion by MoEF&CC vide letter no. F. No. J-11011/343/2007-IA II (I) dated 1stDecember, 2020. Copy of Environmental Clearance is enclosed as **Annexure I**.

PROJECT BRIEF AS PER EC LETTER:

Location	:	Khasra No. 718, 719, 720, 721, 885/722 & 717(part), Village – Dahami Khurd, Bagru, Tehsil – Sanganer, District– Jaipur (Rajasthan).			
Plot Area	:	72,263 sq. m. (7.2263 Ha)			
Product		Asbestos & non asbestos Cement Sheets and Pressure Pipes			
Production capacity		2,40,000 TPA			
Water Demand	:	90KLD (Fresh: 75 KLD; Recycled:15 KLD)			
Power Demand	:	1500 KVA			
Power backup		DG Set 600 kVA x 3 nos.(2 w + 1 s), 330 kVA x 1 no.			
DG Set stack		S. No.	DG Set capacity	Required stack height as per CPCB	Provided stack height
		1.	600 KVA	5 m	15 m
		2.	330 KVA	3.6 m	10 m
Process stack		S. No.	Stack installed with Equipment/machinery	Provided stack height	


	1.	Bag Shredder Fiber Mill Bag Opening Device P -1	18.5 mt.
	2.	Bag Shredder Fibre Mill Bag Opening Device P-2	16 mt.
	3.	Pulveriser	16 mt.
	4.	Turning Area -I (Pipe unit)	15 mt.
	5.	Turning Area –II (Pipe Unit)	15 mt.
	6.	Bag Shredder Fiber Mill Bag Opening Device (PU)	15 mt.
	7.	Sheet Cutting M/C	12 mt.
	8.	Cement Silo	16 mt.
	9.	Fly Ash Silo	16 mt.
Rain water Harvesting Structures	:	11 Nos.	
Area under greenbelt & plantation	:	23847 sq.m. (33%)	

OBJECTIVES:

- To Comply the Condition Given in the EC letter.
- To analyze the outcomes of EIA studies.
- To monitor the environmental data that has been collected in the assessment with the standards, predictions and expectations outlined prior to the projects' commencement.
- To evaluate taking into account the findings of the project in relation to standards, pre-project predictions and expectations.
- To establish the links between pre-project goals and targets and post project achievements.
- Control of project and environmental impacts.

PROJECT STATUS:

The project is in operational phase and current site photographs showing plant & machinery are enclosed as **Annexure II**.

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**Project: Asbestos and Non asbestos Cement Sheets & Pressure
Pipe manufacturing unit
Promoter: ARL Infratech Ltd.**

**Compliance Report of the Conditions laid in the
Environment Clearance from April 2023-Sept.
2023**

AGENCY:

The study has been collectively carried out by **Gaurang Environmental Solutions Pvt. Ltd.**, Jaipur (NABET Approved Consultant Organization). Copy of Certificate of Accreditation is enclosed as **Annexure III**. The environmental parameters were recorded by **Vibrant Techno Lab private limited** (NABL approved environmental testing laboratory) is enclosed as **Annexure IV**.



Gaurang Environmental Solutions Pvt. Ltd.

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Project	: Asbestos and Non asbestos Cement Sheets & Pressure Pipe manufacturing unit	Compliance Report of the conditions laid in the Environmental Clearance from April 2023- Sept. 2023
Promoter	: ARL Infratech Ltd.	

Compliance to the conditions laid in the Environmental Clearance

	Gaurang Environmental Solutions Pvt. Ltd.	
	Report Ref : GESPL_215(A)/2023-24/Certified Compliance/232	Rev No. 02

COMPLIANCE OF THE CONDITIONS LAID IN THE ENVIRONMENTAL CLEARANCE

COMPLIANCE STATUS

PART A: SPECIFIC CONDITION

S. N.	Condition in EC	Compliance status
CONSTRUCTION PHASE		
i.	Full face masks of reputed makes shall be provided to the workers in the plant.	<p>The same is noted and complied.</p> <p>Workers have been provided with N-95 type of mask of reputed make such as Unclan etc.</p> <p>List of the PPE's provided to workers in the industry includes:</p> <ul style="list-style-type: none"> • Helmet • Gloves • Jackets • Boots • Mask • Ear Plugs <p>Photograph showing workers wearing required PPEs and mask type provided to workers is enclosed as Annexure V</p>
ii.	Asbestos fibre emission shall be restricted to 0.1 fibre/cc for eight-hour exposure.	<p>The same is noted and complied.</p> <p>Asbestos fibre emission concentration is restricted to 0.1 fiber/cc in plant premises.</p> <p>Comparison of the Asbestos fibre concentration recorded during the monitoring period is shown below. Copy of the monitoring reports is enclosed as Annexure VI.</p>
iii.	Occupational health studies for all staff once in six months shall be carried out.	<p>Occupational health of workers is monitored at regular intervals.</p> <p>Initial medical examination (IME) & periodical medical examination (PME) of workers is being done as per regulations. The various tests performed for monitoring the health of the workers include:</p> <ul style="list-style-type: none"> • Lung function test • Spirometry test • Chest x-ray • Sputum for acid-fast-bacilli (AFC) and asbestos body (AB)




S. N.	Condition in EC	Compliance status
		<ul style="list-style-type: none"> Urine for sugar and albumen Bloat tests for TLC, DLC, ESR, HB <p>Latest Health reports of the workers are enclosed as Annexure VII.</p>
iv.	Fibre monitoring shall be carried out at the work zone and around the premises once in three months.	Fibre monitoring for work zone and plant premises is enclosed as Annexure VI
v.	Insurance under PLI Act shall be obtained and a copy of the same shall be submitted to the concerned regulatory authorities.	The same is noted and complied. Copy of the Insurance under PLI Act is enclosed as Annexure VIII.
vi.	100% water consumed annually shall be harvested and recharged with monitoring facilities.	Rain water harvesting is being done through in-situ recharge structures. There are 11 no. of RWH structures within premises. Photographs showing RWH pits are enclosed Annexure IX.
vii.	The bag filters installed should achieve the norms of 0.1 fibre/cc.	<p>Pulse-jet type Bag filters are installed which help in maintaining the Asbestos fibre emission concentration at 0.1 fiber/cc within plant premises.</p> <p>Asbestos fibre concentration recorded during the monitoring period is shown below. Copy of the monitoring reports is enclosed as Annexure VI.</p>
viii.	PM level shall be less than 30 mg/Nm ³	<p>Particulate Matter emission concentration is restricted to less than 30 mg/Nm³.</p> <p>Particulate Matter concentration in stack recorded during monitoring period is shown below. Copy of the monitoring reports is enclosed as Annexure VI.</p>
B.	General conditions	
I.	Statutory Compliance:	
i.	The Environmental Clearance (EC) granted to the project/ activity is strictly under the provisions of the EIA Notification, 2006 and its amendments issued from time to time. It does not tantamount/ construe to approvals/ consent/ permissions etc., required to be obtained or standards/ conditions to	The contents of para i are duly noted.



Project: Asbestos and Non asbestos Cement Sheets & Pressure Pipe manufacturing unit Promoter: ARL Infratech Ltd.	Compliance Report of the Conditions laid in the Environment Clearance from April 2023-Sept. 2023
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S. N.	Condition in EC	Compliance status
	be followed under any other Acts/Rules/Subordinate legislations, etc., as may be applicable to the project.	
II.	Air quality monitoring and preservation	
i.	The project proponent shall install 24*7 continuous emission monitoring system at process stacks to monitor stack emission as well as Continuous Ambient Air Quality Station (CAAQS) for monitoring AAQ parameters with respect to standards prescribed in Environment (Protection) Rules 1986 as amended from time to time. The CEMS and CAAQMS shall be connected to SPCB and CPCB online servers and calibrate these systems from time to time according to equipment supplier specification through labs recognized under Environment (Protection) Act, 1986 or NABL accredited laboratories.	<p>The same is noted and complied.</p> <p>CAAQMS has been installed to monitor Ambient air quality within the premises.</p> <p>We are in process to install OEMS at process stack To monitor stack emission.</p> <p>Photographs showing CAAQMS is enclosed as Annexure X.</p>
ii.	The project proponent shall monitor fugitive emissions including asbestos fibre count in the plant premises at least once in every quarter through laboratories recognised under Environment (Protection) Act, 1986 or NABL accredited NIOH / ITRC / NCB or any other approved agency.	<p>Fibre monitoring report for work zone and plant premises is enclosed as Annexure VI.</p> <p>Comparison of the Asbestos fibre concentration recorded during the monitoring period is given in above sections. NABL certificate of MoEF&CC recognized environmental monitoring laboratory is enclosed as Annexure IV.</p>
iii.	The project proponent shall provide appropriate dust collectors to Fibre mill, Bag opening device (BOD), Cement and Fly ash silos. Bag filters followed by wet washer shall	<p>The same is noted and complied.</p> <p>The unit has been equipped with all the necessary pollution control equipment. Appropriate dust collectors have been installed with fiber section, cement section, cement silo vent, pulverizing section and Fly ash silos.</p>

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S. N.	Condition in EC	Compliance status
	be provided at automatic bag opening machine, bag shredder, Fibre mill and to cement silo to collect the dust and recycle the same into the process.	Collection of dust using bag filters followed by wet washer at automatic bag opening machine, bag shredder, fiber mill and with cement silo so as to recycle the same into the process. Photographs showing the dust collectors, bag filters & closed conveyor, fly ash transportation system and stack are enclosed as Annexure XI .
iv.	High Efficiency Particulate Air, filters (HEPA) preceded by primary filters shall be installed on all asbestos contaminated areas.	Appropriate dust collectors and pulse jet bag filters have been provided to the fiber section and pulverizing zone. Photographs showing the dust collectors & bag filter are enclosed as Annexure XI .
v.	Total dust emission limit of 2 mg/Nm ³ as notified under the Environment (Protection). Act, 1986 shall be complied. Adequate measures shall be adopted to control the process emission and ensure that the stack emission of asbestos fibre shall not exceed the emission limit of 0.2 fibre/cc. Asbestos fibre in work zone environment shall be maintained within 0.1 fibre/cc.	Total dust emission limit of 2 mg/Nm ³ is being complied with. Copy of the monitoring reports is enclosed as Annexure VI .
vi.	Provide leakage detection and mechanized bag cleaning facilities for better maintenance of bags.	The same is noted and complied. Empty and damaged fiber bags are being shredded into fine particles in a bag-shredder and recycled into the process. Automatic debagger has been installed & no manual handling of asbestos fiber is being done. Photograph showing bag shredder & automatic debagger is enclosed as Annexure XII .
vii.	Pollution control system in the steel plant shall be provided as per the CREP Guidelines of CPCB.	This is not a steel plant therefore not applicable.
viii.	Sufficient number of mobile or stationery vacuum cleaners shall be provided to clean plant roads, shop floors, roofs, regularly.	The same is noted and complied. Industrial Vacuum cleaners are provided to regularly clean plant roads, shop floors, roofs, etc. & good housekeeping practices are adopted. Photographs showing the use of vacuum cleaners in the project premises are enclosed as Annexure XIII .



S. N.	Condition in EC	Compliance status
ix.	Channelize through hood with proper suction arrangement, bag filter and stack the fugitive emissions generated from hopper of Jaw crusher and pulverizer.	The same is noted and complied. Bag filters & stack of adequate height along with hood & suction arrangement to prevent fugitive emissions has been provided. Photographs showing the same are enclosed as Annexure XI .
x.	Separate truck parking area shall be provided and monitor vehicular emissions at regular interval.	The same is noted and complied. Separate parking area for truckshas been provided in the plant premises. Photographs showing the same are enclosed as Annexure XIV .
xi.	Bring the cement in closed tanks. Fly ash in covered trucks and asbestos in impervious bags opening inside a closed mixer.	The same is noted and complied. Transport of cement and fly ash is done in covered trucks and closed tanks respectively. Photograph showing Asbestos bags storage area is enclosed as Annexure XV . Fly ash is pneumatically conveyed into the fly ash silo through the closed tanker & asbestos fibre bags are opened using automatic debagger. No manual handling is being done. Photographs showing closed vehicles used for transportation of cement and fly ash are attached as Annexure XVI .
xii.	The bags containing asbestos fibre including damaged bags, if any shall be stored in enclosed area.	The same is noted and complied. Bags containing asbestos fibre are stored in a separate, covered storage area with concrete impervious floor to avoid fugitive emission of asbestos fibre from damaged bags. The asbestos bags are not only compressed but also shrink wrapped to prevent emissions during handling & transportation. Photographs provided for separate storage area for Asbestos bags are enclosed as Annexure XV .
xiii.	Place the asbestos contaminated materials (non-encapsulated) for off-site removal in sealed packing such as double sealed heavy duty (700 gauge) plastic bags, suitably labelled.	The same is noted and complied. The broken asbestos sheets & pipes are pulverized & recycled back into the process. The empty asbestos bags are also shredded & recycled in the process. Thus no asbestos contaminated material is left unattended. Photograph showing automatic debagger& bag shredder is enclosed as Annexure XII .



S. N.	Condition in EC	Compliance status
		<p>However. The company has also taken membership of UCCI as a contingency for off-site removal of hazardous waste generated & a separate temporary covered storage area with impervious flooring has been provided for the same on site.</p> <p>Copy of communication with UCCI for membership is enclosed as Annexure XVII a.</p> <p>Copy of Form 10 as per HoW Rules along with its submission receipt is enclosed as Annexure XVII b.</p> <p>Photographs showing hazardous waste storage area is enclosed as Annexure XVIII.</p>
xiv.	Empty and damaged fibre bags shall be shredded into fine particles in a bag-shredder and recycled into the process.	<p>The same is noted and complied.</p> <p>Empty and damaged fiber bags are being shredded into fine particles in a bag-shredder and the same is recycled into the process.</p>
xv.	AC sheets be piled in wet condition only	<p>The same is noted and complied.</p> <p>The wet AC sheets coming out of the curing/heating chamber are quickly wrapped all around with thin poly sheets to prevent any further moisture evaporation. This has resulted in saving of curing water to the tune of about 25 KLD.</p> <p>Photographs showing wrapped sheets are enclosed as Annexure XIX.</p>
xvi.	Efforts shall be made to reduce impact of the transport of the raw materials and end products on the surrounding environment including agricultural land by the use of covered conveyor belts/railways as a mode of transport.	<p>The same is noted and complied.</p> <ul style="list-style-type: none"> • To reduce impact of the transport of the raw materials and end products several measures are adopted including: • Transport of cement and fly ash in covered trucks and closed tanks respectively. <p>Photographs showing the same are enclosed as Annexure XVI.</p>
xvii.	Proper housekeeping shall be maintained within the plant premises. Process machinery, exhaust and ventilation systems shall be adopted for improvement of the environment within the work environment also. These include:	
a.	All monitoring transfer points shall be connected to dust extraction system.	<p>The same is noted and complied.</p> <p>All material transfer points are fully closed/covered with hoods attached to dust extraction system/ dust collectors and are connected to fabric filters so that the dust get entrapped within them.</p> <p>Photographs showing hoods, covered conveyors, dust</p>



S. N.	Condition in EC	Compliance status
		collectors & bag filters are enclosed as Annexure XI.
b.	Leakages or dust from machines and ducts shall be plugged.	The same is noted and complied. Leakages or dust from the machinery and ducts (which are continuously under negative pressure) are immediately plugged and the area is cleaned with the help of Industrial Vacuum Cleaning equipment. Monitoring and maintenance of the machinery & equipment is being carried out at regular intervals.
c.	Floor shall be cleaned by vacuum cleaner only and the dust collected shall be reused in the process.	The floors are regularly cleaned in a 3 step procedure starting with Vacuuming of the floor, followed by wet mopping and then by Vacuuming again. This procedure is adopted before start of and after conclusion of each operational stretch or even earlier as required. Photograph showing industrial vacuum cleaner in use within premises is enclosed as Annexure XIII.
d.	Enclosed belt conveyer shall be used instead of manual transportation of asbestos within the premises.	Enclosed Belt conveyor has been provided for material transfer and there is no manual transportation of opened Asbestos bags within the premises. Photograph of enclosed conveyor belt is attached as Annexure XI.
xviii.	Ventilation system shall be designed for adequate air changes as per ACGIH document for all tunnels, motor houses, and cement bagging plants.	The same is noted and complied. Photographs depicting the ventilation window for adequate air changes are enclosed as Annexure XX.
III.	Water quality monitoring and preservation	
i.	The project proponent shall install 24*7 continuous effluent monitoring system with respect to standards prescribed in Environment (Protection) Rules 1986 (G.S.R. No. 913 (E) dated 24 th October, 1989 as amended time to time (Asbestos) as amended from time to time and connected to SPCB and CPCB online servers and calibrate these systems from time to	There is no effluent generation in the process & therefore no Effluent treatment plant has been set up. Hence, continuous monitoring of effluent is not required.




S. N.	Condition in EC	Compliance status
	time according to equipment supplier specification through labs recognised under Environment (Protection) Act, 1986 or NABL accredited laboratories.	
ii.	The project proponent shall monitor regularly ground water quality at least twice a year (pre and post monsoon) at sufficient numbers of piezometers/sampling wells in the plant and adjacent areas through labs recognised under Environment (Protection) Act, 1986 and NABL accredited laboratories.	The same is noted and complied. Regular monitoring of ground water is being conducted. Copy of latest monitoring reports is enclosed as Annexure VI .
iii.	Adhere to 'Zero Liquid Discharge'	The same is noted and complied. No process effluent is being discharged outside the plant premises. Zero Liquid discharge is being maintained and all the process effluent is re-used and recycled. On average approximately 18 KLD domestic waste water is generated. STP Treated water is used in Process & development and maintenance of greenbelt in the premises. Photographs of STP & water meter are enclosed as Annexure XXI .
iv.	Sewage Treatment Plant shall be provided for treatment of domestic wastewater to meet the prescribed standards.	The same is noted and complied. Existing STP of capacity 35 KLD is used to treat 18 KLD of domestic waste water. Out of which 11 KLD is being reused in the process while 6 KLD is used for greenbelt development within the plant premises. Photographs showing the STP are enclosed as Annexure XXI .
v.	Water meters shall be provided at the inlet to all unit processes in the plants.	The same is noted and complied. Photographs showing the water meters installed at site are enclosed as Annexure XXI .
IV.	Noise monitoring and prevention	
	Noise quality shall be monitored as per the prescribed Noise Pollution (Regulation And Control) Rules, 2000 and report in this regard shall	The same is noted and complied. Noise monitoring is being carried out at following locations within plant premises: • Near Main gate (Sheet Unit)




Project: Asbestos and Non asbestos Cement Sheets & Pressure Pipe manufacturing unit Promoter: ARL Infratech Ltd.	Compliance Report of the Conditions laid in the Environment Clearance from April 2023-Sept. 2023
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S. N.	Condition in EC	Compliance status
	be submitted to Regional Officer of the Ministry as a part of six-monthly compliance report.	<ul style="list-style-type: none"> Near Main gate (Pipe Unit) Near Machine Area (Sheet unit) Near Machine Area (Pipe unit) Copy of the monitoring reports is enclosed as Annexure VI .
V.	Energy Conservation measures	
	Energy conservation measures may be adopted such as adoption of solar energy and provision of LED lights etc., to minimize the energy consumption.	The same is noted and complied. Roof mounted and grid tied solar photovoltaic power plant of capacity 480.93 KW is provided. Various measures have been adopted for conservation of energy which are as follows: <ul style="list-style-type: none"> Adoption of solar energy Usage of LED lights in the premises. Photographs showing LED lights in the premises are enclosed as Annexure XXII . Photographs depicting the installation of solar panels are enclosed as Annexure XXIII (a) . Purchase receipt of the solar panels is enclosed as Annexure XXIII (b) .
VI.	Waste management	
i.	The PP shall ensure that the entire solid waste generated including process rejects, cement, fly ash, dust from bag filters and empty asbestos bag shall be recycled back in the manufacturing process. There will be no solid waste disposal outside the plant premises. Asbestos fibres which cannot be further recycled due to contamination of iron dust shall be stored in HDPE lined secured landfill. The disposal facilities for asbestos waste shall be in accordance with the Bureau of Indian Standard Code.	The entire solid waste generated from process including broken sheets and dust from bag filters and empty asbestos fibre bags are being/will continue to be completely pulverized/shredded and reused in the manufacturing process. The disposal facilities are in accordance with BIS code and the unit is complying with provisions of HoW Rules 2016 and conditions of authorization obtained from RSPCB. Copy of Authorization under HoW Rules, 2016 has obtained vide letter no. F(HSW)/Jaipur(Sanganer)/6(1)/2009-2010/6270-6272 dated 03.02.2022 valid upto 31/03/2026. Copy of authorization is enclosed as Annexure XXIV .
ii.	The waste oil, grease and other hazardous shall be disposed of as	Broken sheets and dust from bag filters and empty asbestos fibre bags are being/will continue to be completely

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S. N.	Condition in EC	Compliance status
	per the Hazardous &. Other waste (Management & Transboundary Movement) Rules, 2016.	pulverized/shredded and reused in the manufacturing process. Authorization under HoW Rules, 2016 has obtained vide letter no. F(HSW)/Jaipur(Sanganer)/6(1)/2009-2010/6270-6272 dated 03.02.2022 valid upto 31/03/2026. Copy of authorization is enclosed as Annexure XXIV .
iii.	Kitchen waste shall be composted or converted to biogas for further use.	The same is noted and will be complied.
VII.	Green Belt	
i.	Green belt shall be developed in an area equal to 33% of the plant area with a native tree species in accordance with CPCB guidelines. The greenbelt shall inter alia cover the entire periphery of the plant.	An area covering 23,847 sq.m. i.e., 33 % of total area after expansion (72,263 sq.m.) is being developed under greenbelt & plantation. Photographs showing the greenbelt & plantation is enclosed as Annexure XXV .
ii.	The project proponent shall prepare GHG emissions inventory for the plant and shall submit the programme for reduction of the same including carbon sequestration including plantation.	The unit majorly emits particulate matter/total dust and asbestos fibre. There are no GHG emissions from manufacturing process.
VIII.	Public hearing and Human health issues	
i.	There shall be no manual handling/opening of asbestos fibre bags. The company shall install fully automatic asbestos fibre debagging system.	The same is noted and complied. There is no manual handling/opening of asbestos fibre bags. Fully automatic asbestos fibre debagging system has been installed in the unit for handling asbestos fibre bags. Bags are opened automatically under negative pressure. A photograph of automatic bag opening device is enclosed as Annexure XII .
ii.	To educate the workers, all the work places where asbestos dust may cause a hazard shall be clearly indicated as a dust exposure area through the use of display signs which identifies the hazard and the associated health effects.	The same is noted and complied. Necessary warnings and safety signages etc. have already been placed at strategic points in vernacular (Hindi) within plant premises. We give utmost importance to keep the plant clean and maintain good housekeeping. We have Industrial Vacuum Cleaners for sweeping the floors through Vacuum cleaning. The ventilation systems also conform to the requirement of Factory Act. Photographs of safety signs and safety arrangement in project


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S. N.	Condition in EC	Compliance status
		premises are attached as Annexure XXVI.
iii.	Emergency preparedness plan based on the Hazard identification and Risk Assessment (HIRA) and Disaster Management Plan shall be implemented.	The same is noted and complied. Photographs taken during Emergency preparedness mock drill is enclosed as Annexure XXVII. As an outcome of the Disaster Management Plan we have made an agreement with Balaji Hospital situated at RIICO Industrial Area Phase-II Bagru, Jaipur. Copy of the same is enclosed as Annexure XXVIII.
iv.	Regular medical examination of the workers and health monitoring of all the employees shall be carried out and if cases of asbestosis are detected, necessary compensation shall be arranged under the existing laws. The proponent shall create in-house facilities for spirometer test. A competent occupational health physician shall be appointed to carry out medical surveillance. Occupational health of all the workers shall be monitored for lung function test, Spirometry test, chest x-ray, sputum for acid-fast-bacilli (AFC) and asbestos body (AB), urine for sugar and albumen, blood tests for TLC, DLC, ESR, HB and records maintained for at least 40 years from the beginning of the employment or 15 years after the retirement or cessation of employment whichever is later. Occupational Health Surveillance shall be carried out as per the directives of the Hon'ble Supreme Court including the recent Kalyaneswari case.	The same is noted and complied. Occupational health of all the workers is monitored at regular intervals as well as at the time of appointment, especially for the workers assigned to work in the fibre processing zone. Various tests are performed for monitoring the health of the workers which includes: <ul style="list-style-type: none"> • Lung function test • Spirometry test • Chest x-ray • Sputum for acid-fast-bacilli (AFC) and asbestos body (AB) • Urine for sugar and albumen • Blood tests for TLC, DLC, ESR, HB Health reports of some of the workers are enclosed as Annexure VII.



Project: Asbestos and Non asbestos Cement Sheets & Pressure Pipe manufacturing unit Promoter: ARL Infratech Ltd.	Compliance Report of the Conditions laid in the Environment Clearance from April 2023-Sept. 2023
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S. N.	Condition in EC	Compliance status
v.	The project proponent shall provide Personal Protection Equipment (PPE) as per the norms of Factory Act.	<p>The same is noted and complied.</p> <p>Workers have been provided with N-95 type of mask of reputed make such as Unclan etc.</p> <p>List of the PPE's provided to workers in the industry includes:</p> <ul style="list-style-type: none"> • Helmet • Gloves • Jackets • Boots • Mask • Ear Plugs <p>Photograph showing workers wearing required PPEs and mask type provided to workers is enclosed as Annexure V.</p>
vi.	Provision shall be made for the housing of construction labour within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, mobile STP, safe drinking water, medical health care, crèche etc. The housing may be in the form of temporary structures to be removed after the completion of the project.	The contents of para vi are duly noted. However, no major construction works were involved & local labour force was hired through contractor. Rest shelters, drinking water arrangement, toilets, medical facilities have already been made available within project premises.
vii.	The commitment made by the project proponent to the issues raised during Public Hearing shall be implemented by the proponent.	<p>The same is noted and will be complied.</p> <p>Details of employment provided to locals is as below:</p> <p>a) Rajasthan - 173 Nos</p> <p>b) outside of Rajasthan - 46 Nos.</p>
IX.	Corporate Environment Responsibility	
i.	The project proponent shall comply with the provisions contained in this Ministry's OM vide F.No.22-65/2017-IA.III dated 30/09/2020.	The same is noted and complied. The EMP & budget for social development activities will prioritise issues raised during public hearing & recommendation of the Hon'ble EAC in this matter.EMP for the same is enclosed as Annexure XXIX .
ii.	The company shall have a well laid down environmental policy duly approve by the Board of Directors. The environmental policy should prescribe for standard operating	<p>The same is noted and complied.</p> <p>The company has a well laid down corporate environmental policy to address environmental related issues. Copy of the same is enclosed as Annexure XXX.</p>

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S. N.	Condition in EC	Compliance status
	procedures to have proper checks and balances and to bring into focus any infringements/deviation/violation of the environmental / forest / wildlife norms / conditions. The company shall have defined system of reporting infringements / deviation / violation of the environmental / forest / wildlife norms / conditions and / or shareholders / stake holders. The copy of the board resolution in this regard shall be submitted to the MoEF&CC as a part of six-monthly report.	
iii.	A separate Environmental Cell both at the project and company head quarter level, with qualified personnel shall be set up under the control of senior Executive, who will directly to the head of the organization.	<p>The same is noted and complied.</p> <p>A separate environment management cell has been set up as per guidelines of MoEF&CC.</p> <p>The company has a well laid down corporate environmental policy to address environmental related issues. Copy of the same is enclosed as Annexure XXX.</p>
X.	Miscellaneous	
i.	The project proponent shall make public the environmental clearance granted for their project along with the environmental conditions and safeguards at their cost by prominently advertising it at least in two local newspapers of the District or State. of which one shall be in the vernacular language within seven days and in addition this shall also be displayed in the project proponent's website permanently.	<p>The same is noted and complied.</p> <p>The same has been published in two newspapers viz. Rashtrdoot and Times of India dated 04.12.2020.</p> <p>Copy of the newspaper advertisements is enclosed as Annexure XXXI.</p> <p>The same is displayed on the company website link for the same is given as http://www.arlinfratech.com/overview/</p>



**Project: Asbestos and Non asbestos Cement Sheets & Pressure
Pipe manufacturing unit
Promoter: ARL Infratech Ltd.**

**Compliance Report of the Conditions laid in the
Environment Clearance from April 2023-Sept.
2023**

S. N.	Condition in EC	Compliance status
ii.	The copies of the environmental clearance shall be submitted by the project proponents to the Heads of local bodies, Panchayats and Municipal Bodies in addition to the relevant offices of the Government who in turn has to display the same for 30 days from the date of receipt.	The same is noted.
iii.	The project proponent shall upload the status of compliance of the stipulated environment clearance conditions, including results of monitored data on their website and update the same on half-yearly basis.	The same is displayed on the company website link for the same is given as http://www.arlinfratech.com/overview/
iv.	The project proponent shall monitor the criteria pollutants level namely; PM ₁₀ , SO ₂ , NO _x (ambient levels as well as stack emissions) or critical sectoral parameters, indicated for the projects and display the same at a convenient location for disclosure to the public and put on the website of the company.	The same is noted and complied. Copy of the monitoring reports is enclosed as Annexure VI.
v.	The project proponent shall submit six-monthly reports on the status of the compliance of the stipulated environmental conditions on the website of the ministry of Environment, Forest and Climate Change at environment clearance portal.	The same is noted and complied. Submission receipt of the previous compliance report is enclosed as Annexure XXXII.
vi.	The project proponent shall submit the environmental statement for each financial year in Form-V to the concerned State Pollution Control Board as prescribed under	The same is noted and complied. Environment statement submission receipt is enclosed as Annexure XXXIII.



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**Project: Asbestos and Non asbestos Cement Sheets & Pressure
Pipe manufacturing unit
Promoter: ARL Infratech Ltd.**

**Compliance Report of the Conditions laid in the
Environment Clearance from April 2023-Sept.
2023**

S. N.	Condition in EC	Compliance status
	the Environment (Protection) Rules, 1986, as amended subsequently and put on the website of the company.	
vii.	The project proponent shall inform the Regional Office as well as the Ministry, the date of financial closure and final approval of the project by the concerned authorities. Commencing the land development work and start of production operation by the project.	The same is noted and complied.
viii.	The project proponent shall abide by all the commitments and recommendations made in the EIA/EMP report, commitment made during Public Hearing and also that during their presentation to the Expert Appraisal Committee.	The same is noted and complied.
ix.	No further expansion or modifications in the plant shall be carried out without prior approval of the Ministry of Environment, Forests and Climate Change (MoEF&CC).	The same is noted and complied.
x.	Concealing factual data or submission of false/fabricated data may result in revocation of this environmental clearance and attract action under the provisions of Environment (Protection) Act, 1986.	Contents of para x are duly noted & complied with.
xi.	The Ministry may revoke or suspend the clearance, if implementation of any of the above conditions is not satisfactory.	Contents of para xi are duly noted



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**Project: Asbestos and Non asbestos Cement Sheets & Pressure
Pipe manufacturing unit
Promoter: ARL Infratech Ltd.**

**Compliance Report of the Conditions laid in the
Environment Clearance from April 2023-Sept.
2023**

S. N.	Condition in EC	Compliance status
xii.	The Ministry reserves the right to stipulate additional conditions if found necessary. The Company in a time bound manner shall implement these conditions.	Contents of para xii are duly noted
xiii.	The Regional Office of this Ministry shall monitor compliance of the stipulated conditions. The project authorities should extend full cooperation to the officer (s) of the Regional Office by furnishing the requisite data / information/monitoring reports.	Contents of para xiii are duly noted & shall be complied with.
xiv.	Any appeal against this EC shall lie with the National Green Tribunal, if preferred, within a period of 30 days as prescribed under Section 16 of the National Green Tribunal Act, 2010.	Contents of para xiv are duly noted.



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Project	: Asbestos and Non asbestos Cement Sheets & Pressure Pipe manufacturing unit	Compliance Report of the conditions laid in the Environmental Clearance from April 2023- Sept. 2023
Promoter	: ARL Infratech Ltd.	

ANNEXURES

	Gaurang Environmental Solutions Pvt. Ltd.	
	Report Ref : GESPL_215(A)/2023-24/Certified Compliance/232	Rev No. 02

Project	: Asbestos and Non asbestos Cement Sheets & Pressure Pipe manufacturing unit	Compliance Report of the conditions laid in the Environmental Clearance from April 2023- Sept. 2023
Promoter	: ARL Infratech Ltd.	

ANNEXURE I

Copy of Environmental Clearance

	Gaurang Environmental Solutions Pvt. Ltd.	
	Report Ref : GESPL_215(A)/2023-24/Certified Compliance/232	Rev No. 02

File No. J11011/343/2007-IA.II.(I)]
Government of India
Ministry of Environment, Forest and Climate Change
(Impact Assessment Division)

Indira Paryavaran Bhawan
JorBagh Road, Aliganj,
New Delhi - 110003
E-mail: dirind-moefcc@gov.in
Tel: 011-24695368
Dated: 01.12.2020

To

Shri Ankit Jain
Director
M/s ARL Infratech Ltd p
Akshat House, A-27/13-A,
Kanti Chandra Road, Bani Park, Jaipur-302016
Rajasthan

Subject: Expansion in production capacity of Asbestos & Non Asbestos Cement Sheets and Pressure Pipes from 1,60,000 MTPA to 2,40,000 MTPA by **M/s ARL Infratech Ltd** (Formerly M/s. Ankit Roofings Ltd) located at Location: Khasra Nos. 718, 719, 720, 721, 885/722 & 717(part), Village Dahami Khurd, Bagru, Tehsil Sanganer, **District Jaipur, Rajasthan - Environment Clearance- regarding.**

Sir,

This has reference to your online application vide proposal no. IA/RJ/IND/4374/2007 dated 5th February 2020 in prescribed Form – 2 along with EIA Report and other documents to seek Environmental Clearance (EC) under the provisions of the EIA Notification, 2006 for the project mentioned above. The proposed project activity is listed at Sl. No. 4 (c) Asbestos Milling & Asbestos based products under Category “A” in the schedule of EIA Notification, 2006 and the project is appraised at the Central level.

2. The proposal of M/s ARL Infratech Ltd (Formerly, M/s Ankit Roofing Ltd.) for expansion of Asbestos & Non Asbestos Cement Sheets and Pressure Pipes from 160,000 TPA to 240,000 TPA located in Village Dahami Khurd, Bagru, Tehsil - Sanganer, District - Jaipur, State Rajasthan. The proposal was initially received in the Ministry on 31.01.2019 & subsequently, on account of deficiencies, it was resubmitted on 14.02.2019, 19.03.2019 & 06.06.2019 for obtaining Terms of Reference (ToR) as per EIA Notification, 2006. The project was appraised by the Reconstituted Expert Appraisal Committee (Industry) [EAC (I)] during its 8th meeting held 26.06.2019 and prescribed ToRs to the project for undertaking detailed EIA study for obtaining environmental clearance Accordingly, the Ministry has prescribed ToRs to the project on 03.02.2020 vide Lr. No. IA-J11011/343/2007-IA.II (I).

Details submitted by project proponent

3. The existing project was granted EC to M/s Ankit Roofings Ltd vide Lr. No. J-11011/343/2007 -IA.II (I) dated 27.08.2007. Consequent upon name change of the company, the Ministry changed the name of the company in the EC letter vide letter no. J11011/343/2007-IA.II(I) dated 24.01.2020.
4. The Status of compliance of earlier EC through Regional Office, Lucknow vide letter no. IV/Env/R/IND-74/553/2007/172 dated 15.05.2019 and action taken report over non-compliances have been seen.

Environmental Clearance for Expansion in production capacity of Asbestos & Non Asbestos Cement Sheets and Pressure Pipes from 1,60,000 MTPA to 2,40,000 MTPA by M/s ARL Infratech Ltd.at Village Dahami Khurd, Bagru, Tehsil Sanganer, District Jaipur, Rajasthan.

5. The proposed capacity for different products for site area is as below:

Name of Unit	Existing Capacity (MTPA)	Additional Capacity (MTPA)	Capacity after expansion (MTPA)
Asbestos & Non-Asbestos Cement Sheets & Pressure Pipes	1,60,000	80,000	2,40,000

6. The total land area required for the project is 72,263 sq.m (existing: 35,100 sq. m & proposed expansion: 37,163 sq.m). The land for existing project comprising of Khasra Nos. 719, 720, and 721 has been duly converted for industrial use. The land for proposed expansion project comprising of Khasra no. 718 admeasuring 6400 sq.m., Khasra no. 717(part) admeasuring 10,818 sq. m. & Khasra no. 885 admeasuring 19,945 sq. m. are duly converted for industrial use. No river or water body passes through the project area. Sadariya Nadi (seasonal) is located at ~1.4 km towards South of the project site and modification/diversion in the existing natural drainage pattern at any stage has not been proposed.
7. The topography of the project area is flat and reported to lie between 26°48'56.11"N" to 26°49'4.95"N Latitude and 75°34'13.60" to 75°34'26.78" E Longitude in Survey of India topo sheet No. 45 N/9 at an elevation of 360 m AMSL. The ground water table reported to range between 27 to 30 m below the land surface during the post-monsoon season and 30 to 35 m below the land surface during the pre-monsoon season.
8. No National Park/Wildlife Sanctuary/Biosphere Reserve/Tiger Reserve/Elephant Reserve etc. are reported to be located in the study area. The area also does not report to corridor for Schedule-I fauna. Pavo Cristatus (Schedule I) i.e. Indian Peafowl is reported from the buffer area. Wildlife conservation plan has been submitted to Dy. Conservator of forest, Jaipur for authentication and the same is under process.
9. The process of project showing the basic raw material used and the various processes involved to produce the final output, waste generated in process are as below:

Sl.No.	Raw material	Nature	Unit	Consumption (TPD)		Source of Supply	Mode of Transport
				Existing quantity (for asbestos based product)	Proposed quantity (for asbestos & non-asbestos based product)		
Asbestos &Non-asbestos cement sheet& pipe							
1	Asbestos Fibre*	Solid	MTPD	37	55	Imported directly from Countries like Russia, Brazil and Kazakhstan, etc.	By ship to the port and by Road from Port.

Sl.No.	Raw material	Nature	Unit	Consumption (TPD)		Source of Supply	Mode of Transport
				Existing quantity (for asbestos based product)	Proposed quantity (for asbestos & non-asbestos based product)		
2	PVA Fibre**		MTPD	-	3.3	Imported	By Ship to port and by road from port.
3	Fly-Ash	Solid	MTPD	119	178	Fly Ash is obtained from Thermal Power Plants in Kota, Suratgarh and Dadri.	By Road
4	Cement	Solid	MTPD	238	- 358	Cement is purchased directly from manufacturers majorly from Rajasthan only like Wonder, Lafarge & Ultra-tech cement.	By Road
5.	Others (Pulp / Dry Waste etc.)	Solid	MTPD	63	95	Purchased locally from Indian market	By Road
6.	Additives (Performance enhancers) **	Liquid	MTPD	-	0.067	Purchased locally from Indian market	By Road

* used only in asbestos based cement sheet & pipe

** used only in non-asbestos based cement sheet & pipe

10. Waste generation & management details are as given below.

S.No	Type			Quantity	Management
1.	Liquid	Domestic		18 KLD	Treatment in existing STP capacity. Approximately 11 KLD for process water and 6 KLD for green belt development shall be catered to by the treated domestic wastewater.
		Effluent		No trade effluent generated	-
2.	Solid	Process solid Waste (Broken sheets & pipes)	Existing	1950 TPA	Total waste generated will be 2880 TPA. Hazardous waste as per HOWR, 2016. Asbestos containing residues
			Proposed	930 TPA	The same are being and will be pulverized and recycled in the closed-circuit process.
					The same is being and will be disposed of as per SWMR, 2016
		Municipal Solid waste	Existing	53 TPA	
			Proposed	15 TPA	
			Dry waste from APCD	0.5 MT/Month	

11. The targeted production capacity after expansion of asbestos & non-asbestos cement sheets & pressure pipes will be 2,40,000 TPA. Also an additional one D.G. Set of capacity 330 KVA is proposed. The majority of raw material for the asbestos & non-asbestos cement sheets & pressure pipes will be sourced from open market and the majority of raw material is being/will be transported through Rail/Road.
12. The total water requirement of the project is as 90 m³ /day (No change), out of which 75m³ /day of fresh water requirement will be obtained from the existing bore well and the remaining requirement of 15 m³ /day recycled water will be met from the STP treated water.
13. The total water requirement of the project is as 90 m³ /day (No change), out of which 75m³ /day of fresh water requirement will be obtained from the existing bore well and the remaining requirement of 15 m³ /day recycled water will be met from the STP treated water.
14. The total power requirement of the project is estimated as 1500 kVA (Existing 1500 Kva + Additional Nil) which is being / will be sourced from JVVNL GSS & D.G. Set

(for back-up) {existing 660 KVA * 3 nos.; proposed 330 KVA *1 no}

15. Summary of the Baseline Environmental Studies is as given below.

Period	December 2018 to February, 2019
AAQ parameters at eight (8) locations	PM _{2.5} = 26.3 µg/m ³ to 51.0 µg/m ³ PM ₁₀ = 47.8 µg/m ³ to 94.7 µg/m ³ SO ₂ = 5.7 µg/m ³ to 11.7 µg/m ³ NO _x = 11.8 µg/m ³ to 24.1 µg/m ³ CO = 0.7 mg/m ³ to 2.0 mg/m ³
AAQ modelling	PM ₁₀ = 7.20183 µg/m ³ SO ₂ = 0.09227 µg/m ³ NO _x = 6.8392 µg/m ³ CO = 0.00387 mg/m ³
Ground water quality at eight (8) locations	pH: 7.34 to 8.24, Total Hardness: 100 to 4250 mg/l, Chlorides: 60 to 5502 mg/l, Fluoride: 0.5 to 1.9 mg/l. Heavy metals are within the limits.
Surface water quality of study area could not be assessed as water bodies were found to be dry	-
Noise levels	51.3 to 68.2 dB (A) for daytime and 39 to 52 dB (A) for nighttime

16. The expansion project will be executed in the existing plant premises & additional land which is already acquired by the company and thus no R & R is involved.
17. It has been reported that a total of 2880 TPA of processed solid waste (Broken sheets & pipes), which will be pulverized and recycled in the closed-circuit process. 0.5 MT/Monty of dry waste from APCD recycled into the process. It has been envisaged that an area of 23,847 sq.m (33.0 %) land will be developed as green belt around the project site to attenuate the noise levels and trap the dust generated due to the project development activities.
18. It has been reported that the Consent to Operate from the Rajasthan State Pollution Control Board (RSPCB) has been obtained vide letter no. F(MUID)/JAIPUR(Sanganer)/144(1)/2018-2019/7337-7339, validity of CTO is up to 31.01.2023 and Authorization under Hazardous Waste (Management & Transboundary Movement) Rules, 2016, vide letter no. F(HSW) /Jaipur(Sanganer) /6(1)/2009-2010/5389-5391 dated 12.12.2018. The authorization is valid upto 31.07.2021.
19. The public hearing of the project was held on 06.11.2019 at 11:00 AM at Rajeev Gandhi Sewakendra, Village Dahmikalan, Bagru, Tehsil Sanganer, Jaipur (Raj) under the chairmanship of Shri Beerbal Singh, Additional District Magistrate (A.D.M), Jaipur City (North) for expansion of expansion of Asbestos & Non Asbestos Cement Sheets and Pressure Pipes from 1, 60,000 MTPA to 2, 40,000 MTPA. No written suggestion and/or complaint regarding the public hearing for the proposed expansion project was received either during the public hearing or in the RSPCB Office. The issues raised during public hearing are employment, water, CER and environmental management. An amount of Rs13.0 Lac (of total capital cost i.e. Rs. 13.0 Cr) has been earmarked for Corporate Environmental Responsibility based on public hearing issues.
20. The capital cost of the expansion project is Rs. 13.0 Cr and the capital cost for environmental protection measures is proposed as Rs. 78 Lac. The annual recurring cost towards the environmental protection measures is proposed as Rs. 9.5 Lac/annum.

Employment generation from the expansion will be for 100 persons. The total employment generation will be for 450 persons including existing 350 persons.

21. About, 11,583 sq.m. of the existing plant area (35,100 sq.m.) has already been developed under greenbelt & plantation. An area covering 23,847 sq.m. i.e. 33 % of the total area after expansion (72,263 sq.m.) will be developed under greenbelt as per CPCB/ MoEF&CC, New Delhi guidelines.
22. The proponent has mentioned that there is no court case or violation under EIA Notification to the project or related activity.
23. Name of the Consultant: Paramarsh Servicing Environment & Development (S.No. 147, List of ACOs with their Certificate / Extension Letter no. Rev. 3, Oct. 14, 2020).

Observations of the Committee

24. The proposal was considered in the Re-constituted EAC (Industry-I) meetings held during 24-25th February 2020, 25-26th June, 2020 and 27-29th October 2020. The Committee noted the following during the meeting held on 27-29th October 2020:
 - i. The Committee noted that the EIA/EMP report is in compliance of the ToR issued for the project, reflecting the present environmental concerns and the projected scenario for all the environmental components. The Committee has found the baseline data and incremental GLC due to the proposed project are within NAAQ standards. The Committee has also deliberated on the public hearing issues as well as action plan to address the issues raised during the public hearing and found satisfactory. The committee was also satisfied with the action taken report on the observed non-compliances (usage of PPE, green belt development and monitoring of particulate matter in work zone) reported in the certified compliance report of Regional Office.
 - ii. Additional information submitted by the project proponent was also found to be satisfactory, and addressing the concerns of the Committee.

Recommendations of the Committee

25. In view of the foregoing and after deliberations, the committee recommended the instant proposal for grant of Environment Clearance under the provisions of EIA Notification, 2006 subject to the following specific conditions and general conditions as per the Ministry's Office Memorandum No. 22-34/2018-III dated 9/8/2018 pertaining to asbestos based industries.

A. Specific conditions

- i. Full face masks of reputed makes shall be provided to the workers in the plant.
- ii. Asbestos fiber emission shall be restricted to 0.1 fiber/cc for eight-hour exposure.
- iii. Occupational health studies for all staff once in six months shall be carried out.
- iv. Fiber monitoring shall be carried out at the work zone and around the premises once in three months.
- v. Insurance under PLI Act shall be obtained and a copy of the same shall be submitted to the concerned regulatory authorities.
- vi. 100 % water consumed annually shall be harvested and recharged with monitoring facilities.
- vii. The bag filters installed should achieve the norms of 0.1 fibre/cc.
- viii. PM level shall be less than 30 mg/Nm³

B. General conditions

I. Statutory compliance:

- i. The Environment Clearance (EC) granted to the project/ activity is strictly under the provisions of the EIA Notification, 2006 and its amendments issued from time to time. It does not tantamount/ construe to approvals/ consent/ permissions etc., required to be obtained or standards/conditions to be followed under any other Acts/Rules/Subordinate legislations, etc., as may be applicable to the project.

II. Air quality monitoring and preservation

- i. The project proponent shall install 24x7 continuous emission monitoring system at process stacks to monitor stack emission as well as Continuous Ambient Air Quality Station (CAAQS) for monitoring AAQ parameters with respect to standards prescribed in Environment (Protection) Rules 1986 as amended from time to time. The CEMS and CAAQMS shall be connected to SPCB and CPCB online servers and calibrate these systems from time to time according to equipment supplier specification through labs recognised under Environment (Protection) Act, 1986 or NABL accredited laboratories.
- ii. The project proponent shall monitor fugitive emissions including asbestos fibre count in the plant premises at least once in every quarter through laboratories recognised under Environment (Protection) Act, 1986 or NABL accredited NIOH / ITRC / NCB or any other approved agency.
- iii. The project proponent shall provide appropriate dust collectors to Fibre mill, Bag opening device (BOD), Cement and Fly ash silos. Bag filters followed by wet washer shall be provided at automatic bag opening machine, bag shredder, fibre mill and to cement silo to collect the dust and recycle the same into the process.
- iv. High Efficiency Particulate Air filters (HEPA) preceded by primary filters shall be installed on all asbestos contaminated areas.
- v. Total dust emission limit of 2 mg/Nm³ as notified under the Environment (Protection) Act, 1986 shall be complied. Adequate measures shall be adopted to control the process emission and ensure that the stack emission of asbestos fibre shall not exceed the emission limit of 0.2 fibre/cc. Asbestos fibre in work zone environment shall be maintained within 0.1 fibre/cc.
- vi. Provide leakage detection and mechanised bag cleaning facilities for better maintenance of bags.
- vii. Pollution control system in the steel plant shall be provided as per the CREP Guidelines of CPCB.
- viii. Sufficient number of mobile or stationery vacuum cleaners shall be provided to clean plant roads, shop floors, roofs, regularly.
- ix. Channelize through hood with proper suction arrangement, bag filter and stack the fugitive emissions generated from hopper of Jaw crusher and pulverizer.
- x. Separate truck parking area shall be provided and monitor vehicular emissions at regular interval.
- xi. Bring the cement in closed tankers, fly ash in covered trucks and asbestos in impervious bags opening inside a closed mixer.
- xii. The bags containing asbestos fibre including damaged bags, if any shall be stored in enclosed area.

- xiii. Place the asbestos contaminated materials (non-encapsulated) for off-site removal in sealed packaging such as double sealed heavy duty (700 gauge) plastic bags, suitably labelled.
- xiv. Empty and damaged fibre bags shall be shredded into fine particles in a bag-shredder and recycled into the process.
- xv. AC sheets shall be piled in wet condition only.
- xvi. Efforts shall be made to reduce impact of the transport of the raw materials and end products on the surrounding environment including agricultural land by the use of covered conveyor belts/railways as a mode of transport.
- xvii. Proper housekeeping shall be maintained within the plant premises. Process machinery, exhaust and ventilation systems shall be laid in accordance with Factories Act. Better housekeeping practices shall be adopted for improvement of the environment within the work environment also. These include:
 - a. All monitoring transfer points shall be connected to dust extraction system.
 - b. Leakages or dust from machines and ducts shall be plugged.
 - c. Floor shall be cleaned by vacuum cleaner only and the dust collected shall be reused in the process.
 - d. Enclosed belt conveyer shall be used instead of manual transportation of asbestos within the premises
- xviii. Ventilation system shall be designed for adequate air changes as per ACGIH document for all tunnels, motor houses, cement bagging plants

III. Water quality monitoring and preservation

- i. The project proponent shall install 24x7 continuous effluent monitoring system with respect to standards prescribed in Environment (Protection) Rules 1986 (G.S.R. No. 913 (E) dated 24th October, 1989 as amended time to time (Asbestos) as amended from time to time and connected to SPCB and CPCB online servers and calibrate these systems from time to time according to equipment supplier specification through labs recognised under Environment (Protection) Act, 1986 or NABL accredited laboratories.
- ii. The project proponent shall monitor regularly ground water quality at least twice a year (pre and post monsoon) at sufficient numbers of piezometers/sampling wells in the plant and adjacent areas through labs recognised under Environment (Protection) Act, 1986 and NABL accredited laboratories.
- iii. Adhere to 'Zero Liquid Discharge'
- iv. Sewage Treatment Plant shall be provided for treatment of domestic wastewater to meet the prescribed standards.
- v. Water meters shall be provided at the inlet to all unit processes in the plants.

IV. Noise monitoring and prevention

Noise quality shall be monitored as per the prescribed Noise Pollution (Regulation And Control) Rules, 2000 and report in this regard shall be submitted to Regional Officer of the Ministry as a part of six-monthly compliance report.

V. Energy Conservation measures

Energy conservation measures may be adopted such as adoption of solar energy and provision of LED lights etc., to minimize the energy consumption.

VI. Waste management

- i. The PP shall ensure that the entire solid waste generated including process rejects, cement, fly ash, dust from bag filters and empty asbestos bag shall be recycled back in the manufacturing process. There will be no solid waste disposal outside the plant premises. Asbestos fibres which cannot be further recycled due to contamination of iron dust shall be stored in HDPE lined secured landfill. The disposal facilities for asbestos waste shall be in accordance with the Bureau of Indian Standard Code.
- ii. The waste oil, grease and other hazardous shall be disposed of as per the Hazardous & Other waste (Management & Transboundary Movement) Rules, 2016.
- iii. Kitchen waste shall be composted or converted to biogas for further use.

VII. Green Belt

- i. Green belt shall be developed in an area equal to 33% of the plant area with a native tree species in accordance with CPCB guidelines. The greenbelt shall inter alia cover the entire periphery of the plant
- ii. The project proponent shall prepare GHG emissions inventory for the plant and shall submit the programme for reduction of the same including carbon sequestration including plantation.

VIII. Public hearing and Human health issues

- i. There shall be no manual handling/opening of asbestos fibre bags. The company shall install fully automatic asbestos fibre debagging system.
- ii. To educate the workers, all the work places where asbestos dust may cause a hazard shall be clearly indicated as a dust exposure area through the use of display signs which identifies the hazard and the associated health effects.
- iii. Emergency preparedness plan based on the Hazard identification and Risk Assessment (HIRA) and Disaster Management Plan shall be implemented.
- iv. Regular medical examination of the workers and health monitoring of all the employees shall be carried out and if cases of asbestosis are detected, necessary compensation shall be arranged under the existing laws. The proponent shall create in-house facilities for spirometry test. A competent occupational health physician shall be appointed to carry out medical surveillance. Occupational health of all the workers shall be monitored for lung function test, Spirometry test, chest x-ray, sputum for acid-fast-bacilli (AFC) and asbestos body (AB), urine for sugar and albumen, blood tests for TLC, DLC, ESR, Hb and records maintained for at least 40 years from the beginning of the employment or 15 years after the retirement or cessation of employment whichever is later. Occupational Health Surveillance shall be carried out as per the directives of the Hon'ble Supreme Court including the recent Kalyaneswari case
- v. The project proponent shall provide Personal Protection Equipment (PPE) as per the norms of Factory Act.
- vi. Provision shall be made for the housing of construction labour within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, mobile STP, safe drinking water, medical health care, crèche etc. The housing may be in the form of temporary structures to be removed after the completion of the project.
- vii. The commitment made by the project proponent to the issues raised during Public Hearing shall be implemented by the proponent

IX. Corporate Environment Responsibility

- i. The project proponent shall comply with the provisions contained in this Ministry's OM vide F.No. 22-65/2017-IA.III dated 30/09/2020.
- ii. The company shall have a well laid down environmental policy duly approved by the Board of Directors. The environmental policy should prescribe for standard operating procedures to have proper checks and balances and to bring into focus any infringements/deviation/violation of the environmental / forest / wildlife norms / conditions. The company shall have defined system of reporting infringements / deviation / violation of the environmental / forest / wildlife norms / conditions and / or shareholders / stake holders. The copy of the board resolution in this regard shall be submitted to the MoEF&CC as a part of six-monthly report.
- iii. A separate Environmental Cell both at the project and company head quarter level, with qualified personnel shall be set up under the control of senior Executive, who will directly report to the head of the organization.

X. Miscellaneous

- i. The project proponent shall make public the environmental clearance granted for their project along with the environmental conditions and safeguards at their cost by prominently advertising it at least in two local newspapers of the District or State, of which one shall be in the vernacular language within seven days and in addition this shall also be displayed in the project proponent's website permanently.
- ii. The copies of the environmental clearance shall be submitted by the project proponents to the Heads of local bodies, Panchayats and Municipal Bodies in addition to the relevant offices of the Government who in turn has to display the same for 30 days from the date of receipt.
- iii. The project proponent shall upload the status of compliance of the stipulated environment clearance conditions, including results of monitored data on their website and update the same on half-yearly basis.
- iv. The project proponent shall monitor the criteria pollutants level namely; PM₁₀, SO₂, NO_x (ambient levels as well as stack emissions) or critical sectoral parameters, indicated for the projects and display the same at a convenient location for disclosure to the public and put on the website of the company.
- v. The project proponent shall submit six-monthly reports on the status of the compliance of the stipulated environmental conditions on the website of the ministry of Environment, Forest and Climate Change at environment clearance portal.
- vi. The project proponent shall submit the environmental statement for each financial year in Form-V to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently and put on the website of the company.
- vii. The project proponent shall inform the Regional Office as well as the Ministry, the date of financial closure and final approval of the project by the concerned authorities, commencing the land development work and start of production operation by the project.
- viii. The project proponent shall abide by all the commitments and recommendations made in the EIA/EMP report, commitment made during Public Hearing and also that during their presentation to the Expert Appraisal Committee.

- ix. No further expansion or modifications in the plant shall be carried out without prior approval of the Ministry of Environment, Forests and Climate Change (MoEF&CC).
 - x. Concealing factual data or submission of false/fabricated data may result in revocation of this environmental clearance and attract action under the provisions of Environment (Protection) Act, 1986.
 - xi. The Ministry may revoke or suspend the clearance, if implementation of any of the above conditions is not satisfactory.
 - xii. The Ministry reserves the right to stipulate additional conditions if found necessary. The Company in a time bound manner shall implement these conditions.
 - xiii. The Regional Office of this Ministry shall monitor compliance of the stipulated conditions. The project authorities should extend full cooperation to the officer (s) of the Regional Office by furnishing the requisite data / information/monitoring reports.
 - xiv. Any appeal against this EC shall lie with the National Green Tribunal, if preferred, within a period of 30 days as prescribed under Section 16 of the National Green Tribunal Act, 2010.
26. The Ministry considered the above recommendation of EAC and hereby decided to accord Environmental Clearance for proposed expansion of the project mentioned in the subject to **M/s ARL Infratech Ltd** with specific and general conditions mentioned at para 25 above.

This issues with the approval of competent authority

(A.K. Agrawal)
Director

Copy to:-

- 1) **Secretary**, Department of Environment, Government of Rajasthan, Secretariat Jaipur.
- 2) **Deputy Director General of Forests(C)**, Ministry of Environment, Forest and Climate Change, Regional Office (CZ), Kendriya Bhawan, 5th Floor, Sector "H", Aliganj, Lucknow – 226020.
- 3) **Chairman**, Central Pollution Control Board, Parivesh Bhavan, CBD-cum-Office complex, East Arjun Nagar, New Delhi-1100032.
- 4) **Member Secretary**, Central Ground Water Authority, 18/11, Jamnagar House, Man Singh Road, New Delhi-110011.
- 5) **Chairman**, Rajasthan State Pollution Control Board, 4, Institutional area, Jhalana, Doongri, Jaipur.
- 6) **District Collector**, Rajsamand District, State Rajasthan.
- 7) Guard File/Record File/Monitoring File.
- 8) MoEF&CC Website.

(A.K. Agrawal)
Director

Project	: Asbestos and Non asbestos Cement Sheets & Pressure Pipe manufacturing unit	Compliance Report of the conditions laid in the Environmental Clearance from April 2023- Sept. 2023
Promoter	: ARL Infratech Ltd.	

ANNEXURE II

Current site Photographs


	Gaurang Environmental Solutions Pvt. Ltd.	
	Report Ref : GESPL_215(A)/2023-24/Certified Compliance/232	Rev No. 02

Project : Asbestos and Non asbestos Cement Sheets & Pressure Pipe manufacturing unit
Promoter : ARL Infratech Limited

Annexure II



Current Site Photographs

	Gaurang Environmental Solutions Pvt. Ltd.	
	Report Ref : GESPL_215(A)/2023-24/Compliance/232	Rev No. 02

Project	: Asbestos and Non asbestos Cement Sheets & Pressure Pipe manufacturing unit	Compliance Report of the conditions laid in the Environmental Clearance from April 2023- Sept. 2023
Promoter	: ARL Infratech Ltd.	

ANNEXURE III

Copy of Certificate of Accreditation & Extension Letter

	Gaurang Environmental Solutions Pvt. Ltd.	
	Report Ref : GESPL_215(A)/2023-24/Certified Compliance/232	Rev No. 02



**QUALITY COUNCIL[®]
OF INDIA**
Creating an Ecosystem for Quality



National Accreditation Board for Education and Training



Certificate of Accreditation

Gaurang Environmental Solutions Pvt. Ltd.

102, SNG Shree Ratna Apartments, Peetal Factory, Jhotwara Road, Bani Park, Jaipur, Rajasthan, 302016

The organization is accredited as **Category-A** under the QCI-NABET Scheme for Accreditation of EIA Consultant Organization, Version 3: for preparing EIA-EMP reports in the following Sectors –

S. No	Sector Description	Sector (as per)		Cat.
		NABET	MoEFCC	
1	Mining of minerals including opencast/ underground mining	1	1 (a) (i)	A
2	Offshore and onshore oil and gas exploration, development & productions	2	1 (b)	A
3	Thermal power plants	4	1 (d)	B
4	Mineral beneficiation	7	2(b)	A
5	Metallurgical industries (Ferrous & non-ferrous)	8	3 (a)	A
6	Cement Plants	9	3(b)	A
7	Leather/skin/hide processing industry	15	4 (f)	B
7	Chemical Fertilizers	16	5 (a)	A
8	Synthetic organic chemicals industry	21	5 (f)	A
9	Distilleries	22	5 (g)	A
10	Isolated storage & handling of hazardous chemicals (As per threshold planning quantity indicated in column 3 of Schedule 2 & 3 of MSIHC Rules 1989 amended 2000)	28	-	B
11	Air Ports	29	7 (a)	A
12	Industrial estates/ parks/ complexes/ Areas	31	7 (c)	A
13	Common hazardous waste treatment, storage and disposal facilities (TSDFs)	32	7 (d)	A
14	Bio-medical waste treatment facilities	32A	7 (da)	B
15	Ports, harbours, break waters and dredging	33	7(e)	A
16	Common effluent treatment plants (CETPs)	36	7 (h)	B
17	Common municipal solid waste management facility (CMSWMF)	37	7 (i)	B
18	Building and construction projects	38	8 (a)	B
19	Townships and Area development projects	39	8 (b)	B

Note: Names of approved EIA Coordinators and Functional Area Experts are mentioned in SAAC minutes dated October 6, 2023 posted on QCI-NABET website.

The Accreditation shall remain in force subject to continued compliance to the terms and conditions mentioned in QCI-NABET's letter of accreditation bearing no. QCI/NABET/ENV/ACO/23/3021 dated November 9, 2023. The accreditation needs to be renewed before the expiry date by Gaurang Environmental Solutions Pvt. Ltd., Jaipur following due process of assessment

Sr. Director, NABET
Dated: November 9, 2023

Certificate No.
NABET/EIA/2023/SA 0203

Valid up to
December 7, 2023

For the updated List of Accredited EIA Consultant Organizations with approved Sectors please refer to QCI-NABET website.





QCI/NABET/ENV/ACO/23/3058

Dec 08, 2023

To

Gaurang Environmental Solutions Pvt. Ltd., Jaipur
SNG Shree Ratna Apartments Near Tambi Petrol Pump, Bani Park,
Jaipur, Rajasthan 302016

Sub.: Extension of Validity of Accreditation till March 07, 2024 – regarding
Ref.. 1. Certificate no. NABET/EIA/2023/RA 0192 (Rev.02)

Dear Sir/Madam

This has reference to the accreditation of your organization under the QCI-NABET EIA Scheme, the validity of **Gaurang Environmental Solutions Pvt. Ltd., Jaipur** is hereby extended till March 07, 2024, or completion of the assessment process, whichever is earlier.

The above extension is subject to the submitted documents/required information with respect to your application and timely submission and closure of NC/Obs during the process of assessment.

You are requested not to use this letter after the expiry of the above-stated date.

With best regards.

(A K Jha)
Sr. Director, NABET

NABET

Project	: Asbestos and Non asbestos Cement Sheets & Pressure Pipe manufacturing unit	Compliance Report of the conditions laid in the Environmental Clearance from April 2023- Sept. 2023
Promoter	: ARL Infratech Ltd.	

ANNEXURE IV

NABL certificate

	Gaurang Environmental Solutions Pvt. Ltd.	
	Report Ref : GESPL_215(A)/2023-24/Certified Compliance/232	Rev No. 02



National Accreditation Board for
Testing and Calibration Laboratories

CERTIFICATE OF ACCREDITATION

VIBRANT TECHNO LAB PRIVATE LIMITED

has been assessed and accredited in accordance with the standard

ISO/IEC 17025:2017

**"General Requirements for the Competence of Testing &
Calibration Laboratories"**

for its facilities at

PLOT NO. SC 40, 3RD FLOOR, NARAYAN VIHAR S, AJMER ROAD, JAIPUR, RAJASTHAN, INDIA

in the field of

TESTING

Certificate Number: TC-11227

Issue Date: 20/12/2022

Valid Until: 19/12/2024

This certificate remains valid for the Scope of Accreditation as specified in the annexure subject to continued satisfactory compliance to the above standard & the relevant requirements of NABL.

(To see the scope of accreditation of this laboratory, you may also visit NABL website www.nabl-india.org)

Name of Legal Identity : VIBRANT TECHNO LAB PRIVATE LIMITED

Signed for and on behalf of NABL




N. Venkateswaran
Chief Executive Officer

Project	: Asbestos and Non asbestos Cement Sheets & Pressure Pipe manufacturing unit	Compliance Report of the conditions laid in the Environmental Clearance from April 2023- Sept. 2023
Promoter	: ARL Infratech Ltd.	

ANNEXURE V

Photographs showing workers wearing
PPE's and mask provided to workers

	Gaurang Environmental Solutions Pvt. Ltd.	
	Report Ref : GESPL_215(A)/2023-24/Certified Compliance/232	Rev No. 02

Project : Asbestos and Non asbestos Cement Sheets &
Pressure Pipe manufacturing unit
Promoter : ARL Infratech Limited

Annexure V



Photographs showing workers wearing PPE's



Gaurang Environmental Solutions Pvt. Ltd.

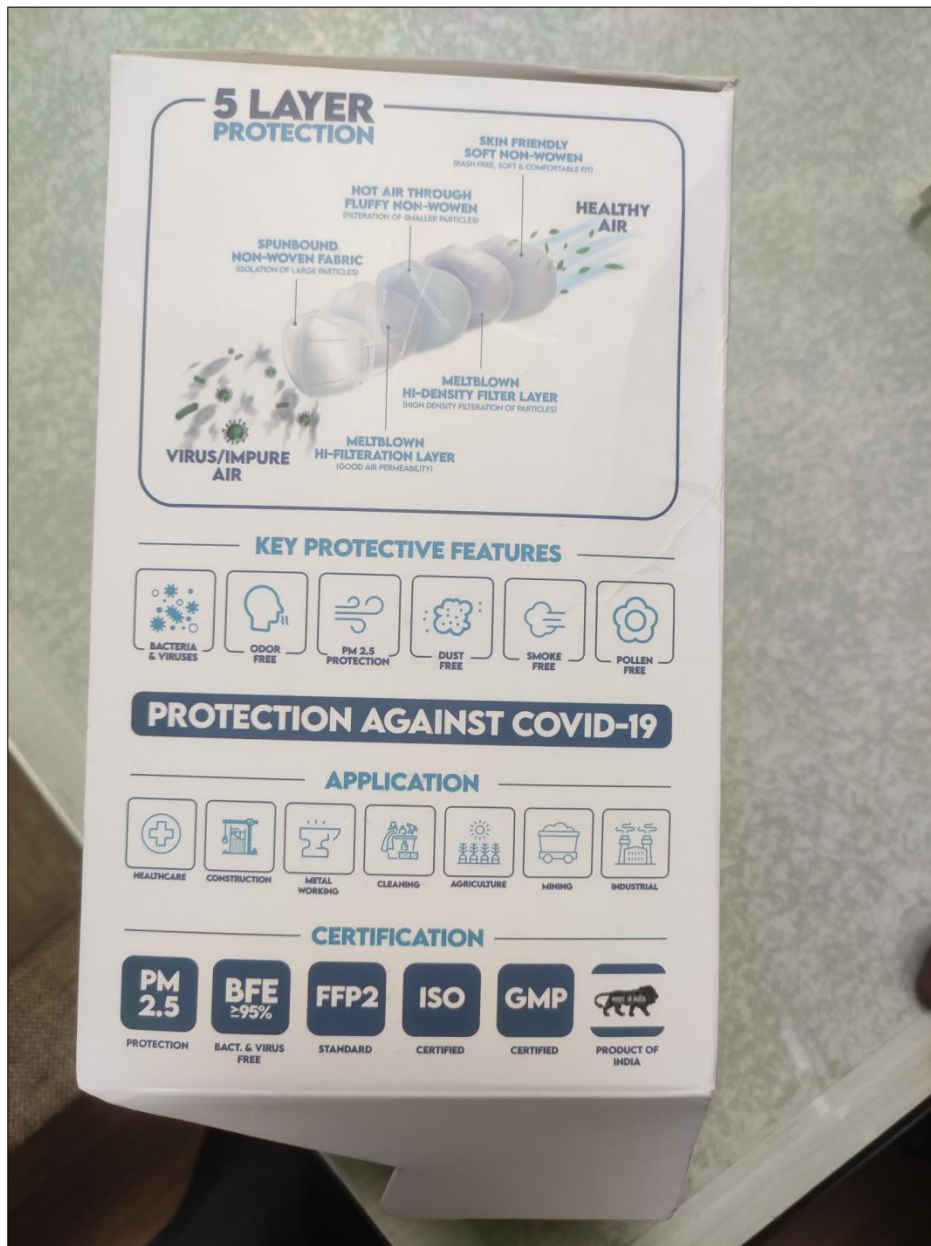
Report Ref : GESPL_215(A)/2023-24/Compliance/232

Rev No. 02

Project : Asbestos and Non asbestos Cement Sheets & Pressure Pipe manufacturing unit

Promoter : ARL Infratech Limited

Annexure V



Photographs showing boxes containing mask of reputed brand

	Gaurang Environmental Solutions Pvt. Ltd.	
	Report Ref : GESPL_215(A)/2023-24/Compliance/232	Rev No. 02

Project	: Asbestos and Non asbestos Cement Sheets & Pressure Pipe manufacturing unit	Compliance Report of the conditions laid in the Environmental Clearance from April 2023- Sept. 2023
Promoter	: ARL Infratech Ltd.	

ANNEXURE VI

Copy of Monitoring Reports

	Gaurang Environmental Solutions Pvt. Ltd.	
	Report Ref : GESPL_215(A)/2023-24/Certified Compliance/232	Rev No. 02

Sample Number : VTL/S/01
Name & Address of the Party : M/S ARL Infratech Ltd.
Village- Dhami Khurd, Bagru - 303007 On Jaipur
Ajmer NH - 8 Dist. - Jaipur Rajasthan

Report No. : VTL/S/2309250008/A
Format No : 7.8 F-03
Party Reference No : NIL
Report Date : 30/09/2023
Period of Analysis : 25/09/2023-30/09/2023
Receipt Date : 25/09/2023

Sample Description : Stack Emission Monitoring

General Information:-

Sampling Location : Pulverizer
Sample Collected By : VTL Team
Date of Sampling : 21/09/2023
Sampling duration (Minutes) : 47 min. (10:02 to 10:49 hrs.)
Stack attached to : Dust Collector
Make of stack : MS
Diameter of stack(m) : 0.295 m
Height of stack(m) : 16 m
Instrument calibration status : Calibrated
Meteorological Condition : Clear Sky
Ambient Temperature - Ta (°C) : 25°C
Temperature of Stack Gases - Ts (°C) : 43
Velocity of Stack Gases (m/sec.) : 5.31
Flow rate of PM (LPM) : 21
Flow rate of Gas (LPM) : --
Sampling condition : OK
Protocol used : IS 11255 & USEPA
Coordinates : --

S.No.	Parameters	Test Method	Results	Units	Limits
1	Particulate Matter (PM)	IS: 11255 (P-1) : 1985, RA 2019	1.09	mg/Nm3	2.0

*BLQ= Below Limit Of Quantification, **LOQ= Limit Of Quantification

End of Report

"Experience the unimaginable"



Checked by



RK Yadav
Lab Incharge
Authorized Signatory



Approved & Certified EPA 1986 Recognised, ISO:9001 and OHSAS:45001 Certified

Page No. 1/1

Vibrant Techno Lab Pvt. Ltd.

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9929108691, 9810205356, 8005707098, 9549956601

0141-2954638

bd@vibranttechnolab.com

www.vibranttechnolab.com

Sample Number : VTL/S/02
Name & Address of the Party : M/S ARL Infratech Ltd.
Village- Dhami Khurd, Bagru - 303007 On Jaipur
Ajmer NH - 8 Dist. - Jaipur Rajasthan

Report No. : VTL/S/2309250010/A
Format No : 7.8 F-03
Party Reference No : NIL
Report Date : 30/09/2023
Period of Analysis : 25/09/2023-30/09/2023
Receipt Date : 25/09/2023

Sample Description : Stack Emission Monitoring

General Information:-

Sampling Location : Bag Shredder Fiber Mill & Bag Opening Device (Plant-1)
Sample Collected By : VTL Team
Date of Sampling : 21/09/2023
Sampling duration (Minutes) : 45 min. (10:52 to 11:37 hrs.)
Stack attached to : Bag Shredder (Dust Collector)
Make of stack : MS
Diameter of stack(m) : 0.304 m
Height of stack(m) : 18.5 m
Instrument calibration status : Calibrated
Meteorological Condition : Clear Sky
Ambient Temperature - Ta (°C) : 25°C
Temperature of Stack Gases - Ts (°C) : 40
Velocity of Stack Gases (m/sec.) : 5.33
Flow rate of PM (LPM) : 22
Flow rate of Gas (LPM) : --
Sampling condition : OK
Protocol used : IS 11255 & USEPA
Coordinates : --

S.No.	Parameters	Test Method	Results	Units	Limits
1	Particulate Matter (PM)	IS: 11255 (P-1) : 1985, RA 2019	1.01	mg/Nm3	2.0

*BLQ= Below Limit Of Quantification, **LOQ= Limit Of Quantification

End of Report

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RK Yadav
Lab Incharge
Authorized Signatory



Approved & Certified EPA 1986 Recognised, ISO:9001 and OHSAS:45001 Certified

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Sample Number : VTL/S/03
Name & Address of the Party : M/S ARL Infratech Ltd.
Village- Dhami Khurd, Bagru - 303007 On Jaipur
Ajmer NH - 8 Dist. - Jaipur Rajasthan

Report No. : VTL/S/2309250012/A
Format No : 7.8 F-03
Party Reference No : NIL
Report Date : 30/09/2023
Period of Analysis : 25/09/2023-30/09/2023
Receipt Date : 25/09/2023

Sample Description : Stack Emission Monitoring

General Information:-

Sampling Location : Bag Shredder Fiber Mill & Bag Opening Device (Plant-2)
Sample Collected By : VTL Team
Date of Sampling : 21/09/2023
Sampling duration (Minutes) : 47 min. (11:41 to 12:28 hrs.)
Stack attached to : Bag Shredder (Dust Collector)
Make of stack : MS
Diameter of stack(m) : 0.299 m
Height of stack(m) : 16.0 m
Instrument calibration status : Calibrated
Meteorological Condition : Clear Sky
Ambient Temperature - Ta (°C) : 25°C
Temperature of Stack Gases - Ts (°C) : 45
Velocity of Stack Gases (m/sec.) : 5.14
Flow rate of PM (LPM) : 21
Flow rate of Gas (LPM) : --
Sampling condition : OK
Protocol used : IS 11255 & USEPA
Coordinates : --

S.No.	Parameters	Test Method	Results	Units	Limits
1	Particulate Matter (PM)	IS: 11255 (P-1) : 1985, RA 2019	0.81	mg/Nm3	2.0

*BLQ= Below Limit Of Quantification, **LOQ= Limit Of Quantification

End of Report

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Authorized Signatory



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Sample Number : VTL/S/04
Name & Address of the Party : M/S ARL Infratech Ltd.
Village- Dhami Khurd, Bagru - 303007 On Jaipur
Ajmer NH - 8 Dist. - Jaipur Rajasthan

Report No. : VTL/S/2309250014/A
Format No : 7.8 F-03
Party Reference No : NIL
Report Date : 30/09/2023
Period of Analysis : 25/09/2023-30/09/2023
Receipt Date : 25/09/2023

Sample Description : Stack Emission Monitoring

General Information:-

Sampling Location : Sheet Cutting M/c
Sample Collected By : VTL Team
Date of Sampling : 22/09/2023
Sampling duration (Minutes) : 34 min. (12:31 to 13:05 hrs.)
Stack attached to : Dust Collector
Make of stack : MS
Diameter of stack(m) : 0.220 m
Height of stack(m) : 14.0 m
Instrument calibration status : Calibrated
Meteorological Condition : Clear Sky
Ambient Temperature - Ta (°C) : 25°C
Temperature of Stack Gases - Ts (°C) : 39
Velocity of Stack Gases (m/sec.) : 6.99
Flow rate of PM (LPM) : 34
Flow rate of Gas (LPM) : --
Sampling condition : OK
Protocol used : IS 11255 & USEPA
Coordinates : --

S.No.	Parameters	Test Method	Results	Units	Limits
1	Particulate Matter (PM)	IS: 11255 (P-1) : 1985, RA 2019	0.91	mg/Nm3	2.0

*BLQ= Below Limit Of Quantification, **LOQ= Limit Of Quantification

End of Report

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RK Yadav
Lab Incharge
Authorized Signatory



Approved & Certified EPA 1986 Recognised, ISO:9001 and OHSAS:45001 Certified

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Sample Number : VTL/S/05
Name & Address of the Party : M/S ARL Infratech Ltd.
Village- Dhami Khurd, Bagru - 303007 On Jaipur
Ajmer NH - 8 Dist. - Jaipur Rajasthan

Report No. : VTL/S/2309250016/A
Format No : 7.8 F-03
Party Reference No : NIL
Report Date : 30/09/2023
Period of Analysis : 25/09/2023-30/09/2023
Receipt Date : 25/09/2023

Sample Description : Stack Emission Monitoring

General Information:-

Sampling Location : Turning M/c -1 (Pipe Unit)
Sample Collected By : VTL Team
Date of Sampling : 21/09/2023
Sampling duration (Minutes) : 50 min. (13:07 to 13:57 hrs.)
Stack attached to : Dust Collector
Make of stack : MS
Diameter of stack(m) : 0.198 m
Height of stack(m) : 15.0 m
Instrument calibration status : Calibrated
Meteorological Condition : Clear Sky
Ambient Temperature - Ta (°C) : 26°C
Temperature of Stack Gases - Ts (°C) : 39
Velocity of Stack Gases (m/sec.) : 5.01
Flow rate of PM (LPM) : 20
Flow rate of Gas (LPM) : --
Sampling condition : OK
Protocol used : IS 11255 & USEPA
Coordinates : --


S.No.	Parameters	Test Method	Results	Units	Limits
1	Particulate Matter (PM)	IS: 11255 (P-1) : 1985, RA 2019	0.68	mg/Nm3	2.0

*BLQ= Below Limit Of Quantification, **LOQ= Limit Of Quantification

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Lab Incharge
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Sample Number : VTL/S/06
Name & Address of the Party : M/S ARL Infratech Ltd.
Village- Dhami Khurd, Bagru - 303007 On Jaipur
Ajmer NH - 8 Dist. - Jaipur Rajasthan

Report No. : VTL/S/2309250018/A
Format No : 7.8 F-03
Party Reference No : NIL
Report Date : 30/09/2023
Period of Analysis : 25/09/2023-30/09/2023
Receipt Date : 25/09/2023

Sample Description : Stack Emission Monitoring

General Information:-

Sampling Location : Turning M/c -2 (Pipe Unit)
Sample Collected By : VTL Team
Date of Sampling : 21/09/2023
Sampling duration (Minutes) : 43 min. (14:03 to 14:46 hrs.)
Stack attached to : Dust Collector
Make of stack : MS
Diameter of stack(m) : 0.198 m
Height of stack(m) : 15.0 m
Instrument calibration status : Calibrated
Meteorological Condition : Clear Sky
Ambient Temperature - Ta (°C) : 25°C
Temperature of Stack Gases - Ts (°C) : 39
Velocity of Stack Gases (m/sec.) : 5.63
Flow rate of PM (LPM) : 23
Flow rate of Gas (LPM) : --
Sampling condition : OK
Protocol used : IS 11255 & USEPA
Coordinates : --

S.No.	Parameters	Test Method	Results	Units	Limits
1	Particulate Matter (PM)	IS: 11255 (P-1) : 1985, RA 2019	0.78	mg/Nm3	2.0

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Sample Number : VTL/S/07
Name & Address of the Party : M/S ARL Infratech Ltd.
Village- Dhami Khurd, Bagru - 303007 On Jaipur
Ajmer NH - 8 Dist. - Jaipur Rajasthan

Report No. : VTL/S/2309250020/A
Format No : 7.8 F-03
Party Reference No : NIL
Report Date : 30/09/2023
Period of Analysis : 25/09/2023-30/09/2023
Receipt Date : 25/09/2023

Sample Description : Stack Emission Monitoring

General Information:-

Sampling Location : Bag Shredder, Fiber Mill & Bag Opening Device (Pipe Unit)
Sample Collected By : VTL Team
Date of Sampling : 22/09/2023
Sampling duration (Minutes) : 33 min. (14:51 to 15:24 hrs.)
Stack attached to : Dust Collector
Make of stack : MS
Diameter of stack(m) : 0.300 m
Height of stack(m) : 15.0 m
Instrument calibration status : Calibrated
Meteorological Condition : Clear Sky
Ambient Temperature - Ta (°C) : 25°C
Temperature of Stack Gases - Ts (°C) : 42
Velocity of Stack Gases (m/sec.) : 7.62
Flow rate of PM (LPM) : 31
Flow rate of Gas (LPM) : --
Sampling condition : OK
Protocol used : IS 11255 & USEPA
Coordinates : --

S.No.	Parameters	Test Method	Results	Units	Limits
1	Particulate Matter (PM)	IS: 11255 (P-1) : 1985, RA 2019	0.98	mg/Nm3	2.0

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Sample Number : VTL/S/08
Name & Address of the Party : M/S ARL Infratech Ltd.
Village- Dhami Khurd, Bagru - 303007 On Jaipur
Ajmer NH - 8 Dist. - Jaipur Rajasthan

Report No. : VTL/S/2309250022/A
Format No : 7.8 F-03
Party Reference No : NIL
Report Date : 30/09/2023
Period of Analysis : 25/09/2023-30/09/2023
Receipt Date : 25/09/2023

Sample Description : Stack Emission Monitoring

General Information:-

Sampling Location : DG Set No.-01 (600 KVA)
Sample Collected By : VTL Team
Date of Sampling : 22/09/2023
Sampling duration (Minutes) : 22 min. (10:01 to 10:23 hrs.)
Stack attached to : DG Set
Make of stack : MS
Diameter of stack(m) : 0.27 m
Height of stack(m) : 15 m
Instrument calibration status : Calibrated
Meteorological Condition : Clear Sky
Ambient Temperature - Ta (°C) : 32°C
Temperature of Stack Gases - Ts (°C) : 137
Velocity of Stack Gases (m/sec.) : 14.05
Flow rate of PM (LPM) : 45
Flow rate of Gas (LPM) : 2.0
Sampling condition : OK
Protocol used : IS 11255 & USEPA
Coordinates : --

S.No.	Parameters	Test Method	Results	Units	Limits
1	Particulate Matter (PM)	IS: 11255 (P-1) : 1985, RA 2019	0.14	gm/kw-hr	<0.2
2	Oxide of Nitrogen (NOX)	IS 11255 (P- 7) 2005; RA 2017	1.26	gm/kw-hr	<4.0**
3	Total Hydrocarbon (HC)	USEPA 18: 1996	1.59	gm/kw-hr	**
4	Sulphur Dioxide (SO2)	IS: 11255(P-2): 1985, RA 2019	0.58	gm/kw-hr	Not Specified
5	Carbon Monoxide (CO)	USEPA 10: 1996	0.51	gm/kw-hr	<3.5

*BLQ= Below Limit Of Quantification, **LOQ= Limit Of Quantification

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Sample Number : VTL/S/09
Name & Address of the Party : M/S ARL Infratech Ltd.
Village- Dharni Khurd, Bagru - 303007 On Jaipur
Ajmer NH - 8 Dist. - Jaipur Rajasthan

Report No. : VTL/S/2309250023/A
Format No : 7.8 F-03
Party Reference No : NIL
Report Date : 30/09/2023
Period of Analysis : 25/09/2023-30/09/2023
Receipt Date : 25/09/2023

Sample Description : Stack Emission Monitoring

General Information:-

Sampling Location : DG Set No.-02 (600 KVA)
Sample Collected By : VTL Team
Date of Sampling : 22/09/2023
Sampling duration (Minutes) : 22 min. (10:34 to 10:56 hrs.)
Stack attached to : DG Set
Make of stack : MS
Diameter of stack(m) : 0.27 m
Height of stack(m) : 15 m
Instrument calibration status : Calibrated
Meteorological Condition : Clear Sky
Ambient Temperature - Ta (°C) : 32°C
Temperature of Stack Gases - Ts (°C) : 161
Velocity of Stack Gases (m/sec.) : 15.01
Flow rate of PM (LPM) : 45
Flow rate of Gas (LPM) : 2.0
Sampling condition : OK
Protocol used : IS 11255 & USEPA
Coordinates : --

S.No.	Parameters	Test Method	Results	Units	Limits
1	Particulate Matter (PM)	IS: 11255 (P-1) : 1985, RA 2019	0.14	gm/kw-hr	<0.2
2	Oxide of Nitrogen (NOX)	IS 11255 (P- 7) 2005; RA 2017	1.53	gm/kw-hr	<4.0**
3	Total Hydrocarbon (HC)	USEPA 18: 1996	1.83	gm/kw-hr	**
4	Sulphur Dioxide (SO2)	IS: 11255(P-2): 1985, RA 2019	0.52	gm/kw-hr	Not Specified
5	Carbon Monoxide (CO)	USEPA 10: 1996	0.49	gm/kw-hr	<3.5

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Sample Number : VTL/S/10
Name & Address of the Party : M/S ARL Infratech Ltd.
Village- Dharmi Khurd, Bagru - 303007 On Jaipur
Ajmer NH - 8 Dist. - Jaipur Rajasthan

Report No. : VTL/S/2309250024/A
Format No : 7.8 F-03
Party Reference No : NIL
Report Date : 30/09/2023
Period of Analysis : 25/09/2023-30/09/2023
Receipt Date : 25/09/2023

Sample Description : Stack Emission Monitoring

General Information:-

Sampling Location : DG Set No.-03 (600 KVA)
Sample Collected By : VTL Team
Date of Sampling : 22/09/2023
Sampling duration (Minutes) : 22 min. (11:07 to 11:29 hrs.)
Stack attached to : DG Set
Make of stack : MS
Diameter of stack(m) : 0.27 m
Height of stack(m) : 15 m
Instrument calibration status : Calibrated
Meteorological Condition : Clear Sky
Ambient Temperature - Ta (°C) : 29°C
Temperature of Stack Gases - Ts (°C) : 139
Velocity of Stack Gases (m/sec.) : 14.21
Flow rate of PM (LPM) : 45
Flow rate of Gas (LPM) : 2.0
Sampling condition : OK
Protocol used : IS 11255 & USEPA
Coordinates : --

S.No.	Parameters	Test Method	Results	Units	Limits
1	Particulate Matter (PM)	IS: 11255 (P-1) : 1985, RA 2019	0.17	gm/kw-hr	<0.2
2	Oxide of Nitrogen (NOX)	IS 11255 (P- 7) 2005; RA 2017	1.41	gm/kw-hr	<4.0**
3	Total Hydrocarbon (HC)	USEPA 18: 1996	1.86	gm/kw-hr	**
4	Sulphur Dioxide (SO2)	IS: 11255(P-2): 1985, RA 2019	0.54	gm/kw-hr	Not Specified
5	Carbon Monoxide (CO)	USEPA 10: 1996	0.42	gm/kw-hr	<3.5

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Sample Number : VTL/S/11
Name & Address of the Party : M/S ARL Infratech Ltd.
Village- Dhami Khurd, Bagru - 303007 On Jaipur
Ajmer NH - 8 Dist. - Jaipur Rajasthan

Report No. : VTL/S/2309250025/A
Format No : 7.8 F-03
Party Reference No : NIL
Report Date : 30/09/2023
Period of Analysis : 25/09/2023-30/09/2023
Receipt Date : 25/09/2023

Sample Description : Stack Emission Monitoring

General Information:-

Sampling Location : Cement Silo -Plant Ist Sheet Unit
Sample Collected By : VTL Team
Date of Sampling : 21/09/2023
Sampling duration (Minutes) : 55 min. (15:26 to 16:21 hrs.)
Stack attached to : Dust Collector
Make of stack : MS
Diameter of stack(m) : 0.305M
Height of stack(m) : 16 m
Instrument calibration status : Calibrated
Meteorological Condition : Clear Sky
Ambient Temperature - Ta (°C) : 30°C
Temperature of Stack Gases - Ts (°C) : 39
Velocity of Stack Gases (m/sec.) : 4.24
Flow rate of PM (LPM) : 18
Flow rate of Gas (LPM) : --
Sampling condition : OK
Protocol used : IS 11255 & USEPA
Coordinates : --


S.No.	Parameters	Test Method	Results	Units	Limits
1	Particulate Matter (PM)	IS: 11255 (P-1) : 1985, RA 2019	23.45	mg/Nm3	30

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Sample Number : VTL/S/12

Name & Address of the Party : M/S ARL Infratech Ltd.

Village- Dhami Khurd, Bagru - 303007 On Jaipur
Ajmer NH - 8 Dist. - Jaipur Rajasthan

Report No. : VTL/S/2309250026/A

Format No : 7.8 F-03

Party Reference No : NIL

Report Date : 30/09/2023

Period of Analysis : 25/09/2023-30/09/2023

Receipt Date : 25/09/2023

Sample Description : Stack Emission Monitoring

General Information:-

Sampling Location : Cement Silo -Plant IInd Sheet Unit
Sample Collected By : VTL Team
Date of Sampling : 21/09/2023
Sampling duration (Minutes) : 55 min. (17:00 to 17:55 hrs.)
Stack attached to : Dust Collector
Make of stack : MS
Diameter of stack(m) : 0.305 m
Height of stack(m) : 16 m
Instrument calibration status : Calibrated
Meteorological Condition : Clear Sky
Ambient Temperature - Ta (°C) : 30°C
Temperature of Stack Gases - Ts (°C) : 40
Velocity of Stack Gases (m/sec.) : 4.25
Flow rate of PM (LPM) : 19
Flow rate of Gas (LPM) : --
Sampling condition : OK
Protocol used : IS 11255 & USEPA
Coordinates : --

S.No.	Parameters	Test Method	Results	Units	Limits
1	Particulate Matter (PM)	IS: 11255 (P-1) : 1985, RA 2019	24.02	mg/Nm3	30

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TEST REPORT



TC-11227

Sample Number : VTL/S/13

Name & Address of the Party : M/S ARL Infratech Ltd.

Village- Dharmi Khurd, Bagru - 303007 On Jaipur
Ajmer NH - 8 Dist. - Jaipur Rajasthan

Report No. : VTL/S/2309250027/A

Format No : 7.8 F-03

Party Reference No : NIL

Report Date : 30/09/2023

Period of Analysis : 25/09/2023-30/09/2023

Receipt Date : 25/09/2023

Sample Description : Stack Emission Monitoring

General Information:-

Sampling Location : Fly Ash Silo- Plant Ist Sheet Unit
Sample Collected By : VTL Team
Date of Sampling : 21/09/2023
Sampling duration (Minutes) : 52 min. (18:00 to 18:52 hrs.)
Stack attached to : Dust Collector
Make of stack : MS
Diameter of stack(m) : 0.305 m
Height of stack(m) : 16 m
Instrument calibration status : Calibrated
Meteorological Condition : Clear Sky
Ambient Temperature - Ta (°C) : 31°C
Temperature of Stack Gases - Ts (°C) : 40
Velocity of Stack Gases (m/sec.) : 4.54
Flow rate of PM (LPM) : 19
Flow rate of Gas (LPM) : --
Sampling condition : OK
Protocol used : IS 11255 & USEPA
Coordinates : --

S.No.	Parameters	Test Method	Results	Units	Limits
1	Particulate Matter (PM)	IS: 11255 (P-1) : 1985, RA 2019	25.12	mg/Nm3	30

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TC-11227

Sample Number : VTL/S/14**Name & Address of the Party :** M/S ARL Infratech Ltd.Village- Dhami Khurd, Bagru - 303007 On Jaipur
Ajmer NH - 8 Dist. - Jaipur Rajasthan**Report No. :** VTL/S/2309250028/A**Format No :** 7.8 F-03**Party Reference No :** NIL**Report Date :** 30/09/2023**Period of Analysis :** 25/09/2023-30/09/2023**Receipt Date :** 25/09/2023**Sample Description :** Stack Emission Monitoring**General Information:-**

Sampling Location : Fly Ash Silo- Plant IInd Sheet Unit
 Sample Collected By : VTL Team
 Date of Sampling : 22/09/2023
 Sampling duration (Minutes) : 50 min. (19:00 to 19:50 hrs.)
 Stack attached to : Dust Collector
 Make of stack : MS
 Diameter of stack(m) : 0.305 m
 Height of stack(m) : 16 m
 Instrument calibration status : Calibrated
 Meteorological Condition : Clear Sky
 Ambient Temperature - Ta (°C) : 30°C
 Temperature of Stack Gases - Ts (°C) : 42
 Velocity of Stack Gases (m/sec.) : 4.50
 Flow rate of PM (LPM) : 20
 Flow rate of Gas (LPM) : --
 Sampling condition : OK
 Protocol used : IS 11255 & USEPA
 Coordinates : --

S.No.	Parameters	Test Method	Results	Units	Limits
1	Particulate Matter (PM)	IS: 11255 (P-1) : 1985, RA 2019	23.17	mg/Nm3	30

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Sample Number : VTL/WZ/01

M/S ARL Infratech Ltd.
Village- Dhami Khurd, Bagru - 303007 On Jaipur
Ajmer NH - 8 Dist. - Jaipur Rajasthan

Name & Address of the Party :

Report No. : VTL/WZA/2309250002/A
Format No : 7.8 F-02
Party Reference No : NIL
Report Date : 30/09/2023
Period of Analysis : 25/09/2023-30/09/2023
Receipt Date : 25/09/2023

Sample Description : Work Environment and Indoor Air Quality Monitoring

General Information:-

Sample Collected By : VTL Team
Sampling Location : Near Bag Opening Device (Pipe Unit Plant-1)
Instrument Used : Handy Sampler
Instrument Calibration Status : Calibrated
Meteorological condition during monitoring : Clear Sky
Date of Monitoring : 21/09/2023
Time of Monitoring : 10:00 to 18:00 Hrs.
Ambient Temperature (°C) : Min 25°C Max. 32°C
Surrounding Activity : Human & Plant Activity
Scope of Monitoring : Regulatory Requirement
Method of Sampling : IS :11450:2006, RA2021
Sampling Duration : 8 Hrs.
Parameter Required : As per work order
Coordinates : 26°48'59" & 75°34'18"

S.No.	Test Parameters	Protocol	Results	Unit	Limits as per Factory Act 1948, Schedule 2
1	Asbestos Fiber Count	IS:11450:2006, RA 2021	0.039	fiber/cc	0.1

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Sample Number : VTLWZ/02

M/S ARL Infratech Ltd.
Village- Dhami Khurd, Bagru - 303007 On Jaipur
Ajmer NH - 8 Dist. - Jaipur Rajasthan

Name & Address of the Party :

Report No. : VTL/WZA/2309250003/A
Format No : 7.8 F-02
Party Reference No : NIL
Report Date : 30/09/2023
Period of Analysis : 25/09/2023-30/09/2023
Receipt Date : 25/09/2023

Sample Description : Work Environment and Indoor Air Quality Monitoring

General Information:-

Sample Collected By : VTL Team
Sampling Location : Near Bag Opening Device (Sheet Unit Plant-2)
Instrument Used : Handy Sampler
Instrument Calibration Status : Calibrated
Meteorological condition during monitoring : Clear Sky
Date of Monitoring : 21/09/2023 To 22/09/2023
Time of Monitoring : 18:12 to 02:12 Hrs.
Ambient Temperature (°C) : Min 25°C Max. 32°C
Surrounding Activity : Human & Plant Activity
Scope of Monitoring : Regulatory Requirement
Method of Sampling : IS :11450:2006, RA2021
Sampling Duration : 8 Hrs.
Parameter Required : As per work order
Coordinates : 26°48'60" & 75°34'20"

S.No.	Test Parameters	Protocol	Results	Unit	Limits as per Factory Act 1948, Schedule 2
1	Asbestos Fiber Count	IS:11450:2006, RA 2021	0.031	fiber/cc	0.1

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Sample Number : VTL/WZ/03

M/S ARL Infratech Ltd.

Village- Dhami Khurd, Bagru - 303007 On Jaipur
Ajmer NH - 8 Dist. - Jaipur Rajasthan

Name & Address of the Party :

Report No. : VTL/WZA/2309250004/A

Format No : 7.8 F-02

Party Reference No : NIL

Report Date : 30/09/2023

Period of Analysis : 25/09/2023-30/09/2023

Receipt Date : 25/09/2023

Sample Description : Work Environment and Indoor Air Quality Monitoring

General Information:-

Sample Collected By : VTL Team
Sampling Location : Near Pulverizer
Instrument Used : Handy Sampler
Instrument Calibration Status : Calibrated
Meteorological condition during monitoring : Clear Sky
Date of Monitoring : 21/09/2023 To 21/09/2023
Time of Monitoring : 09:13 to 17:13 Hrs.
Ambient Temperature (°C) : Min 25°C Max. 32°C
Surrounding Activity : Human & Plant Activity
Scope of Monitoring : Regulatory Requirement
Method of Sampling : IS :11450:2006, RA2021
Sampling Duration : 8 Hrs.
Parameter Required : As per work order
Coordinates : 26°49'1" & 75°34'18"

S.No.	Test Parameters	Protocol	Results	Unit	Limits as per Factory Act 1948, Schedule 2
1	Asbestos Fiber Count	IS:11450:2006, RA 2021	0.038	fiber/cc	0.1

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Vibrant Techno Lab Pvt. Ltd.

SC-40, 3rd Floor, Narayan Vihar S, Ajmer Road, Jaipur Raj. 302020

9929108691, 9810205356, 8005707098, 9549956601

0141-2954638

bd@vibranttechnolab.com

www.vibranttechnolab.com

Sample Number : VTLWZ/04

M/S ARL Infratech Ltd.
Village- Dhami Khurd, Bagru - 303007 On Jaipur
Ajmer NH - 8 Dist. - Jaipur Rajasthan

Name & Address of the Party :

Report No. : VTL/WZA/2309250005/A
Format No : 7.8 F-02
Party Reference No : NIL
Report Date : 30/09/2023
Period of Analysis : 25/09/2023-30/09/2023
Receipt Date : 25/09/2023

Sample Description : Work Environment and Indoor Air Quality Monitoring

General Information:-

Sample Collected By : VTL Team
Sampling Location : Sheet Cutting (Edge cutting & Finishing Machine Area)
Instrument Used : Handy Sampler
Instrument Calibration Status : Calibrated
Meteorological condition during monitoring : Clear Sky
Date of Monitoring : 22/09/2023 To 23/09/2023
Time of Monitoring : 17:20 to 01:20 Hrs.
Ambient Temperature (°C) : Min 25°C Max. 32°C
Surrounding Activity : Human & Plant Activity
Scope of Monitoring : Regulatory Requirement
Method of Sampling : IS :11450:2006, RA2021
Sampling Duration : 8 Hrs.
Parameter Required : As per work order
Coordinates : 26°49'5" & 75°34'22"

S.No.	Test Parameters	Protocol	Results	Unit	Limits as per Factory Act 1948, Schedule 2
1	Asbestos Fiber Count	IS:11450:2006, RA 2021	0.041	fiber/cc	0.1

End of Report



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RK Yadav
Lab Incharge
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Sample Number : VTLWZ/05

M/S ARL Infratech Ltd.
Village- Dhami Khurd, Bagru - 303007 On Jaipur
Ajmer NH - 8 Dist. - Jaipur Rajasthan

Name & Address of the Party :

Report No. : VTL/WZA/2309250006/A
Format No : 7.8 F-02
Party Reference No : NIL
Report Date : 30/09/2023
Period of Analysis : 25/09/2023-30/09/2023
Receipt Date : 25/09/2023

Sample Description : Work Environment and Indoor Air Quality Monitoring

General Information:-

Sample Collected By : VTL Team
Sampling Location : Near Bag Opening Device (Pipe Unit)
Instrument Used : Handy Sampler
Instrument Calibration Status : Calibrated
Meteorological condition during monitoring : Clear Sky
Date of Monitoring : 22/09/2023 To 22/09/2023
Time of Monitoring : 11:00 to 19:00 Hrs.
Ambient Temperature (°C) : Min 25°C Max. 32°C
Surrounding Activity : Human & Plant Activity
Scope of Monitoring : Regulatory Requirement
Method of Sampling : IS :11450:2006, RA2021
Sampling Duration : 8 Hrs.
Parameter Required : As per work order
Coordinates : 26°49'2" & 75°34'14"

S.No.	Test Parameters	Protocol	Results	Unit	Limits as per Factory Act 1948, Schedule 2
1	Asbestos Fiber Count	IS:11450:2006, RA 2021	0.042	fiber/cc	0.1

End of Report

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Sample Number : VTL/WN/01

Name & Address of the Party : M/S ARL Infratech Ltd.
Village- Dhami Khurd, Bagru - 303007 On Jaipur
Ajmer NH - 8 Dist. - Jaipur Rajasthan

Report No. : VTL/WN/2309250002/A

Format No : 7.8 F-02

Party Reference No : NIL

Report Date : 30/09/2023

Period of Analysis : 25/09/2023-30/09/2023

Receipt Date : 25/09/2023

Sample Description : Work Zone Noise Level Monitoring

General Information:-

Sampling Location : Near Machine Area (Sheet Unit)
Sample Collected By : VTL Team
Sampling Equipment used : SLM
Instrument Code : VTL/SLM/05
Coordinates : 26°48'59" & 75°34'17"
Meteorological condition during monitoring : Clear Sky
Date of Monitoring : 21/09/2023
Time of Monitoring : 11:00 to 19:00 Hrs.
Ambient Temperature (°C) : Min. 25°C Max.33°C
Surrounding Activity : Human & Plant Act.
Scope of Monitoring : Regulatory Requirement
Method of Sampling : IS 9989-1989
Sampling Duration : 8 Hrs.
Parameter Required : As per work order

S.No.	Test Parameters	Protocol	Results	Unit	Limit
1	Leq	IS 9989-1981	67.8	dB(A)	75

End of Report

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Sample Number : VTL/WN/02

Name & Address of the Party : M/S ARL Infratech Ltd.
Village- Dhami Khurd, Bagru - 303007 On Jaipur
Ajmer NH - 8 Dist. - Jaipur Rajasthan

Report No. : VTL/WN/2309250003/A
Format No : 7.8 F-02
Party Reference No : NIL
Report Date : 30/09/2023
Period of Analysis : 25/09/2023-30/09/2023
Receipt Date : 25/09/2023

Sample Description : Work Zone Noise Level Monitoring

General Information:-

Sampling Location : Near Machine Area (Pipe Unit)
Sample Collected By : VTL Team
Sampling Equipment used : SLM
Instrument Code : VTL/SLM/06
Coordinates : 26°49'2" & 75°34'14"
Meteorological condition during monitoring : Clear Sky
Date of Monitoring : 21/09/2023
Time of Monitoring : 10:00 to 18:00 Hrs.
Ambient Temperature (°C) : Min. 25°C Max.33°C
Surrounding Activity : Human & Plant Act.
Scope of Monitoring : Regulatory Requirement
Method of Sampling : IS 9989-1989
Sampling Duration : 8 Hrs.
Parameter Required : As per work order

S.No.	Test Parameters	Protocol	Results	Unit	Limit
1	Leq	IS 9989-1981	65.9	dB(A)	75

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Sample Number : VTL/WN/03
Name & Address of the Party : M/S ARL Infratech Ltd.
Village- Dhami Khurd, Bagru - 303007 On Jaipur
Ajmer NH - 8 Dist. - Jaipur Rajasthan

Report No. : VTL/WN/2309250004/A
Format No : 7.8 F-02
Party Reference No : NIL
Report Date : 30/09/2023
Period of Analysis : 25/09/2023-30/09/2023
Receipt Date : 25/09/2023

Sample Description : Work Zone Noise Level Monitoring

General Information:-
Sampling Location : Near Main Gate (Pipe Unit)
Sample Collected By : VTL Team
Sampling Equipment used : SLM
Instrument Code : VTL/SLM/06
Coordinates : 26°48'55" & 75°34'16"
Meteorological condition during monitoring : Clear Sky
Date of Monitoring : 21/09/2023
Time of Monitoring : 10:00 to 18:00 Hrs.
Ambient Temperature (°C) : Min. 25°C Max.33°C
Surrounding Activity : Human & Plant Act.
Scope of Monitoring : Regulatory Requirement
Method of Sampling : IS 9989-1989
Sampling Duration : 8 Hrs.
Parameter Required : As per work order

S.No.	Test Parameters	Protocol	Results	Unit	Limit
1	Leq	IS 9989-1981	62.14	dB(A)	75

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Sample Number : VTL/AA/01

Name & Address of the Party : M/S ARL Infratech Ltd.
Village- Dhami Khurd, Bagru - 303007 On Jaipur
Ajmer NH - 8 Dist. - Jaipur Rajasthan

Report No. : VTL/A/2309250002/A
Format No : 7.8 F-02
Party Reference No : NIL
Report Date : 30/09/2023
Period of Analysis : 25/09/2023-30/09/2023
Receipt Date : 25/09/2023

Sample Description : AMBIENT AIR QUALITY MONITORING

General Information:-

Sampling Location : Near Main Gate (Sheet Unit)
Sample Collected By : VTL Team
Sampling Equipment used : RDS/FPS
Instrument Code : VTL/RDS/FPS/04
Coordinates : 26°48'58" & 75°34'21"
Meteorological condition during monitoring : Clear Sky
Date of Monitoring : 21/09/2023 To 22/09/2023
Time of Monitoring : 12:00 to 12:00 Hrs.
Ambient Temperature (°C) : Min.26° Max 33°
Surrounding Activity : Human, Vehicular & Plant Activity
Scope of Monitoring : Regulatory Requirement
Method of Sampling : IS :5182
Sampling Duration : 24 Hrs.
Parameter Required : As per work order

S.No.	Parameters	Test Method	Results	Units	NAAQS 2009
1	Particulate Matter (as PM10)	IS:5182 (P- 23)-2006, RA. 2017	65.32	µg/m³	100
2	Particulate Matter (as PM2.5)	IS:5182 (P- 24)-2019	40.25	µg/m³	60
3	Nitrogen Dioxide (as NO2)	IS:5182 (P- 6)-2006, RA.2018	18.65	µg/m³	80
4	Sulphur Dioxide (as SO2)	IS:5182 (P- 2)-2001, RA. 2018	9.24	µg/m³	80

*BLQ-Below Limit Of Quantification, **LOQ-Limit Of Quantification

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TEST REPORT

Sample Number : VTL/AA/01

Name & Address of the Party : M/S ARL Infratech Ltd.
Village- Dhami Khurd, Bagru - 303007 On Jaipur
Ajmer NH - 8 Dist. - Jaipur Rajasthan

Report No. : VTL/A/2309250002/B
Format No : 7.8 F-02
Party Reference No : NIL
Report Date : 30/09/2023
Period of Analysis : 25/09/2023-30/09/2023
Receipt Date : 25/09/2023

Sample Description : AMBIENT AIR QUALITY MONITORING

General Information:-

Sampling Location : Near Main Gate (Sheet Unit)
Sample Collected By : VTL Team
Sampling Equipment used : RDS/FPS
Instrument Code : VTL/RDS/FPS/04
Coordinates : 26°48'58" & 75°34'21"
Meteorological condition during monitoring : Clear Sky
Date of Monitoring : 21/09/2023 To 22/09/2023
Time of Monitoring : 12:00 to 12:00 Hrs.
Ambient Temperature (°C) : Min.26° Max 33°
Surrounding Activity : Human, Vehicular & Plant Activity
Scope of Monitoring : Regulatory Requirement
Method of Sampling : IS :5182
Sampling Duration : 24 Hrs.
Parameter Required : As per work order

S.No.	Parameters	Test Method	Results	Units	NAAQS 2009
1	Carbon Monoxide (as CO)	Lab SOP no. VTL/STP/02:2022, STP-08	0.64	mg/m ³	4

*BLQ-Below Limit Of Quantification, **LOQ-Limit Of Quantification

End of Report

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Sample Number : VTL/AN/01
Name & Address of the Party : M/S ARL Infratech Ltd.
Village- Dhami Khurd, Bagru - 303007 On Jaipur
Ajmer NH - 8 Dist. - Jaipur Rajasthan

Sample Description : Ambient Noise Level Monitoring
Scope of Monitoring : Regulatory Requirement
Protocol Used : IS 9989
Instrument Used : SLM

Report No. : VTL/N/2309250002/A
Format No : 7.8 F-04
Party Reference No : NIL
Report Date : 30/09/2023
Receipt Date : 25/09/2023
Sampling Duration : 24 Hrs.
Sample Collected : VTL Team
Instrument : Calibrated
Calibration Status

General Information:-

Sampling Location : Near Main Gate (Sheet Unit)
Instrument Code : VTL/SLM/06
Meteorological condition during monitoring : Clear Sky
Date of Monitoring : 21/09/2023 To 22/09/2023
Time of Monitoring : 06:00 to 06:00 Hrs.
Ambient Temperature (°C) : Min.26° Max 33°
Surrounding Activity : Human, Vehicular & Plant Activity
Parameter Required : As per work order
Coordinates : 26°48'58" & 75°34'21"

S.No.	Test Parameters	Protocol	Test Result dB(A)	
			Day Time	Night Time
1	Leq	IS 9989 - 1981 RA:2020	61.3	46.9

Ambient Noise Quality Standards as per Noise Pollution (Regulation and Control) Rules, 2000

Area Code	Category of Area/Zone	Limits in dB(A) Leq*	
		Day Time	Night Time
A	Industrial area	75	70
B	Commercial area	65	55
C	Residential area	55	45
D	Silence Zone	50	40

1. Day Time is from 6.00 AM to 10.00 PM.

2. Night Time is reckoned between 10.00 PM to 6.00 AM.

3. Silence Zone is defined as an area up to 100 m around premises of Hospitals, Educational and Courts. Use of vehicle horn, Loudspeaker and bursting of crackers is banned in these zones.

Note: Mixed categories of areas be declared as one of the four above mentioned categories by the competent Authority and the corresponding standards shall apply

End of Report



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TEST REPORT



Sample Number : VTL/AN/02

Name & Address of the Party : M/S ARL Infratech Ltd.
Village- Dhami Khurd, Bagru - 303007 On Jaipur
Ajmer NH - 8 Dist. - Jaipur Rajasthan

Sample Description : Ambient Noise Level Monitoring
Scope of Monitoring : Regulatory Requirement
Protocol Used : IS 9989
Instrument Used : SLM

Report No. : VTL/N/2309250003/A
Format No : 7.8 F-04
Party Reference No : NIL
Report Date : 30/09/2023
Receipt Date : 25/09/2023
Sampling Duration : 24 Hrs.
Sample Collected : VTL Team
Instrument : Calibrated
Calibration Status :

General Information:-

Sampling Location : Near Main Gate (Pipe Unit)
Instrument Code : VTL/SLM/05
Meteorological condition during monitoring : Clear Sky
Date of Monitoring : 21/09/2023 To 22/09/2023
Time of Monitoring : 06:00 to 06:00 Hrs.
Ambient Temperature (°C) : Min.26° Max 33°
Surrounding Activity : Human, Vehicular & Plant Activity
Parameter Required : As per work order
Coordinates : 26°48'57" & 75°34'16"

S.No.	Test Parameters	Protocol	Test Result dB(A)	
			Day Time	Night Time
1	Leq	IS 9989 - 1981 RA:2020	58.6	45.8

Ambient Noise Quality Standards as per Noise Pollution (Regulation and Control) Rules, 2000

Area Code	Category of Area/Zone	Limits in dB(A) Leq*	
		Day Time	Night Time
A	Industrial area	75	70
B	Commercial area	65	55
C	Residential area	55	45
D	Silence Zone	50	40

1. Day Time is from 6.00 AM to 10.00 PM.

2. Night Time is reckoned between 10.00 PM to 6.00 AM.

3. Silence Zone is defined as an area up to 100 m around premises of Hospitals, Educational and Courts. Use of vehicle horn, Loudspeaker and bursting of crackers is banned in these zones.

Note: Mixed categories of areas be declared as one of the four above mentioned categories by the competent Authority and the corresponding standards shall apply

End of Report



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Sample Number : VTL/S/01

M/S ARL Infratech Ltd.
Village- Dhami Khurd, Bagru - 303007 On Jaipur
Ajmer NH - 8 Dist. - Jaipur Rajasthan

Name & Address of the Party :

Report No. : VTL/S/2309250009/B
Format No : 7.8 F-02
Party Reference No : NIL
Report Date : 30/09/2023
Period of Analysis : 25/09/2023-30/09/2023
Receipt Date : 25/09/2023

Sample Description : Stack Emission Monitoring

General Information:-

Sample Collected By : VTL Team
Sampling Location : Pulverizer
Instrument Used : SMK
Instrument Calibration Status : Calibrated
Meteorological condition during monitoring : Clear Sky
Date of Monitoring : 21/09/2023
Time of Monitoring : --
Ambient Temperature.(°C) : 25°C
Surrounding Activity : Human & Other Act.
Scope of Monitoring : Regulatory Requirement
Method of Sampling : IS 11450:2006, RA 2021
Sampling Duration : 47 min. (10:02 to 10:49 hrs.)
Parameter Required : As per work order
Coordinates : --

S.No.	Parameters	Test Method	Results	Units	Limits
1	Asbestos Fiber Count	IS:11450:2006, RA 2021	0.054	fiber/cc	0.2

*BLQ= Below Limit Of Quantification, **LOQ= Limit Of Quantification

End of Report

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Sample Number : VTL/S/02

M/S ARL Infratech Ltd.
Village- Dhami Khurd, Bagru - 303007 On Jaipur
Ajmer NH - 8 Dist. - Jaipur Rajasthan

Name & Address of the Party :

Report No. : VTL/S/2309250011/B
Format No : 7.8 F-02
Party Reference No : NIL
Report Date : 30/09/2023
Period of Analysis : 25/09/2023-30/09/2023
Receipt Date : 25/09/2023

Sample Description : Stack Emission Monitoring

General Information:-

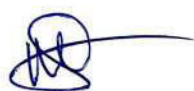
Sample Collected By : VTL Team
Sampling Location : Bag Shredder Fiber Mill & Bag Opening Device (Plant-1)
Instrument Used : SMK
Instrument Calibration Status : Calibrated
Meteorological condition during monitoring : Clear Sky
Date of Monitoring : 21/09/2023
Time of Monitoring : --
Ambient Temperature (°C) : 25°C
Surrounding Activity : Human & Other Act.
Scope of Monitoring : Regulatory Requirement
Method of Sampling : IS 11450:2006, RA 2021
Sampling Duration : 45 min. (10:52 to 11:37 hrs.)
Parameter Required : As per work order
Coordinates : --

S.No.	Parameters	Test Method	Results	Units	Limits
1	Asbestos Fiber Count	IS:11450:2006, RA 2021	0.039	fiber/cc	0.2

*BLQ= Below Limit Of Quantification, **LOQ= Limit Of Quantification

End of Report



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Sample Number : VTL/S/03

M/S ARL Infratech Ltd.

Village- Dhami Khurd, Bagru - 303007 On Jaipur
Ajmer NH - 8 Dist. - Jaipur Rajasthan

Name & Address of the Party :

Report No. : VTL/S/2309250013/B

Format No : 7.8 F-02

Party Reference No : NIL

Report Date : 30/09/2023

Period of Analysis : 25/09/2023-30/09/2023

Receipt Date : 25/09/2023

Sample Description : Stack Emission Monitoring

General Information:-

Sample Collected By : VTL Team
Sampling Location : Bag Shredder Fiber Mill & Bag Opening Device (Plant-2)
Instrument Used : SMK
Instrument Calibration Status : Calibrated
Meteorological condition during monitoring : Clear Sky
Date of Monitoring : 21/09/2023
Time of Monitoring : --
Ambient Temperature (°C) : 25°C
Surrounding Activity : Human & Other Act.
Scope of Monitoring : Regulatory Requirement
Method of Sampling : IS 11450:2006, RA 2021
Sampling Duration : 47 min. (11:41 to 12:28 hrs.)
Parameter Required : As per work order
Coordinates : --

S.No.	Parameters	Test Method	Results	Units	Limits
1	Asbestos Fiber Count	IS:11450:2006, RA 2021	0.055	fiber/cc	0.2

*BLQ= Below Limit Of Quantification, **LOQ= Limit Of Quantification

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Sample Number : VTL/S/04

M/S ARL Infratech Ltd.

Village- Dhami Khurd, Bagru - 303007 On Jaipur
Ajmer NH - 8 Dist. - Jaipur Rajasthan

Name & Address of the Party :

Report No. : VTL/S/2309250015/B

Format No : 7.8 F-02

Party Reference No : NIL

Report Date : 30/09/2023

Period of Analysis : 25/09/2023-30/09/2023

Receipt Date : 25/09/2023

Sample Description : Stack Emission Monitoring

General Information:-

Sample Collected By : VTL Team
Sampling Location : Sheet Cutting M/c
Instrument Used : SMK
Instrument Calibration Status : Calibrated
Meteorological condition during monitoring : Clear Sky
Date of Monitoring : 22/09/2023
Time of Monitoring : --
Ambient Temperature (°C) : 25°C
Surrounding Activity : Human & Other Act.
Scope of Monitoring : Regulatory Requirement
Method of Sampling : IS 11450:2006, RA 2021
Sampling Duration : 34 min. (12:31 to 13:05 hrs.)
Parameter Required : As per work order
Coordinates : --

S.No.	Parameters	Test Method	Results	Units	Limits
1	Asbestos Fiber Count	IS:11450:2006, RA 2021	0.047	fiber/cc	0.2

*BLQ= Below Limit Of Quantification, **LOQ= Limit Of Quantification

End of Report

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Sample Number : VTL/S/05

M/S ARL Infratech Ltd.
Village- Dhami Khurd, Bagru - 303007 On Jaipur
Ajmer NH - 8 Dist. - Jaipur Rajasthan

Name & Address of the Party :

Report No. : VTL/S/2309250017/B
Format No : 7.8 F-02
Party Reference No : NIL
Report Date : 30/09/2023
Period of Analysis : 25/09/2023-30/09/2023
Receipt Date : 25/09/2023

Sample Description : Stack Emission Monitoring

General Information:-

Sample Collected By : VTL Team
Sampling Location : Turning M/c -1 (Pipe Unit)
Instrument Used : SMK
Instrument Calibration Status : Calibrated
Meteorological condition during monitoring : Clear Sky
Date of Monitoring : 21/09/2023
Time of Monitoring : --
Ambient Temperature (°C) : 26°C
Surrounding Activity : Human & Other Act.
Scope of Monitoring : Regulatory Requirement
Method of Sampling : IS 11450:2006, RA 2021
Sampling Duration : 50 min. (13:07 to 13:57 hrs.)
Parameter Required : As per work order
Coordinates : --

S.No.	Parameters	Test Method	Results	Units	Limits
1	Asbestos Fiber Count	IS:11450:2006, RA 2021	0.057	fiber/cc	0.2

*BLQ= Below Limit Of Quantification, **LOQ= Limit Of Quantification

End of Report



Checked by 



RK Yadav
Lab Incharge
Authorized Signatory 

Approved & Certified EPA 1986 Recognised, ISO:9001 and OHSAS:45001 Certified

Page No. 1/1

Vibrant Techno Lab Pvt. Ltd.

SC-40, 3rd Floor, Narayan Vihar S, Ajmer Road, Jaipur Raj. 302020

9929108691, 9810205356, 8005707098, 9549956601

0141-2954638

bd@vibranttechnolab.com

www.vibranttechnolab.com

Sample Number : VTL/S/06

M/S ARL Infratech Ltd.
Village- Dhami Khurd, Bagru - 303007 On Jaipur
Ajmer NH - 8 Dist. - Jaipur Rajasthan

Name & Address of the Party :

Report No. : VTL/S/2309250019/B
Format No : 7.8 F-02
Party Reference No : NIL
Report Date : 30/09/2023
Period of Analysis : 25/09/2023-30/09/2023
Receipt Date : 25/09/2023

Sample Description : Stack Emission Monitoring

General Information:-

Sample Collected By : VTL Team
Sampling Location : Turning M/c -2 (Pipe Unit)
Instrument Used : SMK
Instrument Calibration Status : Calibrated
Meteorological condition during monitoring : Clear Sky
Date of Monitoring : 21/09/2023
Time of Monitoring : --
Ambient Temperature (°C) : 25°C
Surrounding Activity : Human & Other Act.
Scope of Monitoring : Regulatory Requirement
Method of Sampling : IS 11450:2006, RA 2021
Sampling Duration : 43 min. (14:03 to 14:46 hrs.)
Parameter Required : As per work order
Coordinates : --

S.No.	Parameters	Test Method	Results	Units	Limits
1	Asbestos Fiber Count	IS:11450:2006, RA 2021	0.039	fiber/cc	0.2

*BLQ= Below Limit Of Quantification, **LOQ= Limit Of Quantification

End of Report

VIBRANT
"Experience the unimaginable"



Checked by 



RK Yadav
Lab Incharge
Authorized Signatory 

Approved & Certified EPA 1986 Recognised, ISO:9001 and OHSAS:45001 Certified

Page No. 1/1

Vibrant Techno Lab Pvt. Ltd.

SC-40, 3rd Floor, Narayan Vihar S, Ajmer Road, Jaipur Raj. 302020

9929108691, 9810205356, 8005707098, 9549956601

0141-2954638

bd@vibranttechnolab.com

www.vibranttechnolab.com

Sample Number : VTL/S/07

M/S ARL Infratech Ltd.
Village- Dhami Khurd, Bagru - 303007 On Jaipur
Ajmer NH - 8 Dist. - Jaipur Rajasthan

Name & Address of the Party :

Report No. : VTL/S/2309250021/B
Format No : 7.8 F-02
Party Reference No : NIL
Report Date : 30/09/2023
Period of Analysis : 25/09/2023-30/09/2023
Receipt Date : 25/09/2023

Sample Description : Stack Emission Monitoring

General Information:-

Sample Collected By : VTL Team
Sampling Location : Bag Shredder, Fiber Mill & Bag Opening Device (Pipe Unit)
Instrument Used : SMK
Instrument Calibration Status : Calibrated
Meteorological condition during monitoring : Clear Sky
Date of Monitoring : 22/09/2023
Time of Monitoring : --
Ambient Temperature (°C) : 25°C
Surrounding Activity : Human & Other Act.
Scope of Monitoring : Regulatory Requirement
Method of Sampling : IS 11450:2006, RA 2021
Sampling Duration : 33 min. (14:51 to 15:24 hrs.)
Parameter Required : As per work order
Coordinates : --

S.No.	Parameters	Test Method	Results	Units	Limits
1	Asbestos Fiber Count	IS:11450:2006, RA 2021	0.059	fiber/cc	0.2

*BLQ= Below Limit Of Quantification, **LOQ= Limit Of Quantification

End of Report

VIBRANT
"Experience the unimaginable"



Checked by 



RK Yadav
Lab Incharge
Authorized Signatory 

Approved & Certified EPA 1986 Recognised, ISO:9001 and OHSAS:45001 Certified

Page No. 1/1

Vibrant Techno Lab Pvt. Ltd.

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bd@vibranttechnolab.com

www.vibranttechnolab.com

Project	: Asbestos and Non asbestos Cement Sheets & Pressure Pipe manufacturing unit	Compliance Report of the conditions laid in the Environmental Clearance from April 2023- Sept. 2023
Promoter	: ARL Infratech Ltd.	

ANNEXURE VII

Latest Health Reports of the workers

	Gaurang Environmental Solutions Pvt. Ltd.	
	Report Ref : GESPL_215(A)/2023-24/Certified Compliance/232	Rev No. 02

1 [Form No. 30]

(Prescribed Under Rule 100)

SPECIAL CERTIFICATE OF FITNESS



Serial No. _____

Date 10.05.23

I hereby certify that I have personally examined Shaitan Singh son of Sh. RAM Lal residing at APL Industries Ltd. Pipe who is desirous of being employed as WORKER In the Production and that his age, as nearly as can be ascertained from my examination, is 26 Years, and he is, in my opinion fit for employment in _____

His descriptive marks are दो घुंटे पल्लोटा का निशान

शैतान अंग

Signature or left hand thumb

Impression of person employed

Aut
Signature of certifying surgeon
(Dr. Anita Gupta)
Inspector Factories (Medical)
Factories and Boilers Deptt.
Noida

I certify that

I extend this

Signature of

I examined the

Certificate until

Certifying

Symptoms

Person mentioned

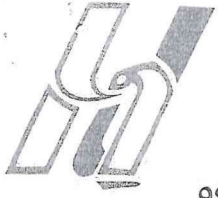
Surgeon

Above on

19.5.2023

NIL

1. Substituted vide notification No. F.1 (2) 8 LAB /68 , dated 6.8.1974



कन्दोई हॉस्पिटल

(A unit of Kandoi Health Care Pvt. Ltd.)

98-99, मोहरू विहार, मुकुन्दपुरा रोड, भांकरोटा, अजमेर रोड, जयपुर, फोन 0141 - 2250089



* डॉ. रमन कन्दोई

MBBS, MS
(लैप्रोस्कोपिक एवं जनरल सर्जन)

* डॉ. बी. पी. कन्दोई

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(नवजात एवं शिशु रोग विशेषज्ञ)

* डॉ. सुनीता कन्दोई

MBBS
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* डॉ. जय श्री

MBBS, DGO (स्त्री रोग विशेषज्ञ)

* डॉ. मयता खुदेवा

MD (पेथोलोजिस्ट)

* डॉ. समुन्दर सिंह

MBBS, MS
(हृद्दी रोग विशेषज्ञ)

* डॉ. राघव मेहता

MBBS, MS
(नाक, कान, गला रोग विशेषज्ञ)

* डॉ. विकास सक्सेना

MBBS, MD

(ICU Specialist)

* डॉ. अजय गुप्ता

MBBS, DA (Anaesthesia)

* डॉ. ललित गर्ग

DM (हृदय रोग विशेषज्ञ)

* डॉ. हरीश कर्वा

MCH (यूरोलोजिस्ट)

* डॉ. के.के. बंसल

MCH (न्यूरोसर्जन)

* डॉ. सौरभ कालिया

MCH (GI Surgeon)

* डॉ. कपिल देव

MCH (Onco Surgeon)

* डॉ. प्रवीण गुप्ता

MCH (Spine Surgeon)

* डॉ. सुनील गोयल

MCH (Plastic Surgeon)

Name Shaitan Singh OPD NO. 11

Age 26y Sex Male Date 10/5/23

B-130

10.86/4

10.86/4

10.86/4

No H/O Chest & Lungs

No H/O Fever

No H/O Ag. Cough

CBC - NA

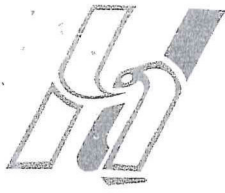
X-ray Chest NA



सभी तरह के ऑपरेशन
दुर्घात से निपटने की
सुविधा।

नवजात शिशु हेतु NICU की सुविधा। ICU सुविधा। 24 घंटे आपातकालीन एवं डिलीवरी की सुविधा।

THIS IS NOT VALID FOR MEDICO-LEGAL PURPOSE



Kandoi Hospital

Mukundpura Road, Bhankrota, Jaipur Ph. : 0141 - 2250089



NAME SHAITAN SINGH

NO 11

Ref. By Dr RAMAN KANDOI

sex male

Date 10/05/2023

Ag 26 year

SPUTUM FOR AFB

MICROBIOLOGY TEST REPORT

TEST :AFB STAIN

SPECIMEN : SPUTUM

RESULT : No acid fast bacilli seen.

****End of report****



Technologist

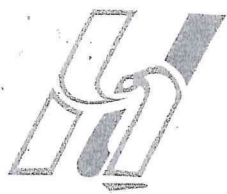
Radiologist

Pathologist

FACILITIES : X-RAY, USG, E.C.G, BLOOD, URINE, STOOL, SEMEN, PREGNANCY TEST, CULTURE ETC.

Not : The Above Result Are Subject to Variation Due To Technical Limitation Hence Correlation With Clinical Finding And Other Investigation Should be Done

THIS REPORT IS NOT VALID FOR MEDICO-LEGAL PURPOSE



Kandoi Hospital

Mukundpura Road, Bhankrota, Jaipur Ph. : 0141 - 2250089



NAME SHAITAN SINGH

NO 11

Ref. By Dr RAMAN KANDOI

sex male

Date 10/05/2023

Ag 26 year

X- Ray Chest PA View show

Soft tissue and bones cage shadows are normal.

Traches is central in Position.

Cardiac shadow is within normal limits.

Both CP angle are clear.

Both Lung fields are clear.

No sign of Asbestosis

OPINION : - NAD IN HEART AND LUNGS

Please correlate clinically

Technologist

Rad:ologist

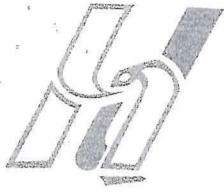


Pathologist

FACILITIES : X-RAY, USG, E.C.G, BLOOD, URINE, STOOL, SEMEN, PREGNANCY TEST, CULTURE ETC.

Not : The Above Result Are Subject to Variation Due To Technical Limitation Hence Correlation With Clinical Finding And Other Investigation Should be Done

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Kandoi Hospital

Mukundpura Road, Bhankrota, Jaipur Ph. : 0141 - 2250089



NAME SHAITAN SINGH

NO 11

Ref. By Dr RAMAN KANDOI

sex male

Date 10/05/2023

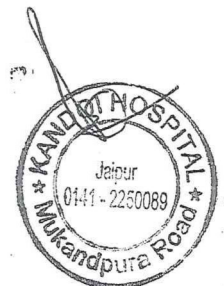
Ag 26 year

URINE - EXAMINATION

ROUTINE:-

Albumin nil

Sugar nil



Technologist

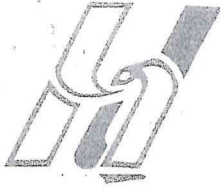
Radiologist

Pathologist

FACILITIES : X-RAY, USG, E.C.G, BLOOD, URINE, STOOL, SEMEN, PREGNANCY TEST, CULTURE ETC.

Not : The Above Result Are Subject to Variation Due To Technical Limitation Hence Correlation With Clinical Finding And Other Investigation Should be Done

THIS REPORT IS NOT VALID FOR MEDICO-LEGAL PURPOSE



Kandoi Hospital

Mukundpura Road, Bhankrota, Jaipur Ph. : 0141 - 2250089



Name	: SHAITAN SINGH	H.R.No.	: 0
Age/Sex	: 26 Y M	Lab No	: 11
Doctor Name	: DR.RAMAN KANDOI	Visit Date	: 10/05/2023
Department	: SELF		
Sample Col At:	Acc. At:	Rep.Time: 09:08 PM	10/05/2023

COMPLETE BLOOD COUNT

TEST	RESULT	UNIT	NORMAL RAG
HEMOGLOBIN	12.1	gm/dl	10 - 16
WBC	4100	$\times 10^3/\text{ul}$	4000 - 11000
POLYMORPH	60	%	40-75 %
LYMPHOCYTE	39	%	20-45 %
EOSINOPHIL	01	%	1-5 %
MONOCYTE	00	%	0-6 %
BASOPHIL	00	%	0-2 %
HCT	39.4	%	34-53 %
TRBC	4.79	Million/C	$3-5.6 \times 10^6/\text{ul}$
PLATELETS	2.05	LACKS/Cu	1.5-4.5
MCV	82.3	Femto	76-96 Femto Lit.
MCH	25.3	Pico gram	27-32 Pico gram
MCHC	30.7	gm/dl	32-36 gm/dl

End of Report



Technologist

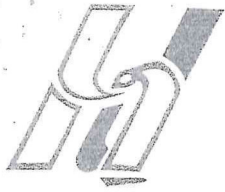
Radiologist

Pathologist

FACILITIES : X-RAY, USG, E.C.G, BLOOD, URINE, STOOL, SEMEN, PREGNANCY TEST, CULTURE ETC.

Not : The Above Result Are Subject to Variation Due To Technical Limitation Hence Correlation With Clinical Finding And Other Investigation Should be Done

THIS REPORT IS NOT VALID FOR MEDICO-LEGAL PURPOSE



Kandoi Hospital

Mukundpura Road, Bhankrota, Jaipur Ph. : 0141 - 2250089



Name : SHAITAN SINGH H.R.No. : 0
Age/Sex : 26 Y M Lab No : 11
Doctor Name : DR.RAMAN KANDOI Visit Date: 10/05/2023
Department : SELF

Sample Col At: Acc. At: Rep.Time:

DEPARTMENT OF HAEMATOLOGY

TEST	RESULT	UNIT	NORMAL RAG
ESR	11	mm/hr	0-20
End of Report			

Technologist

Radiologist

Pathologist

FACILITIES : X-RAY, USG, E.C.G, BLOOD, URINE, STOOL, SEMEN, PREGNANCY TEST, CULTURE ETC.

Not : The Above Result Are Subject to Variation Due To Technical Limitation Hence Correlation With Clinical Finding And Other Investigation Should be Done

THIS REPORT IS NOT VALID FOR MEDICO-LEGAL PURPOSE

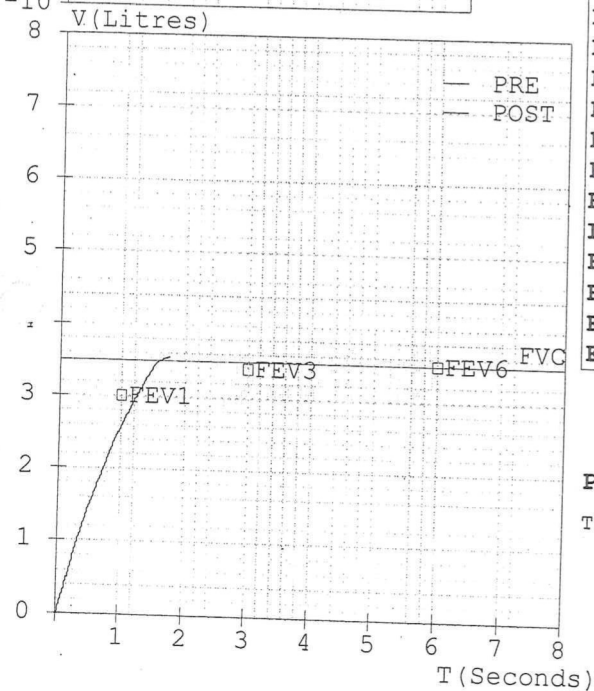
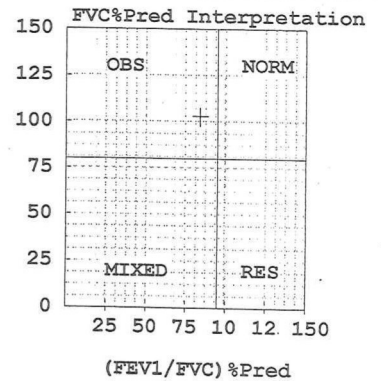
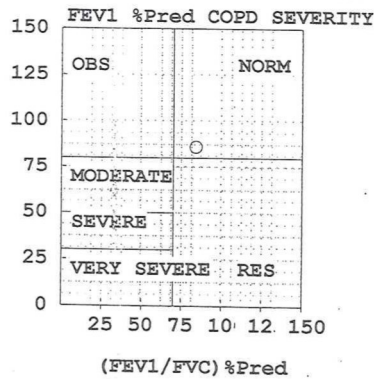
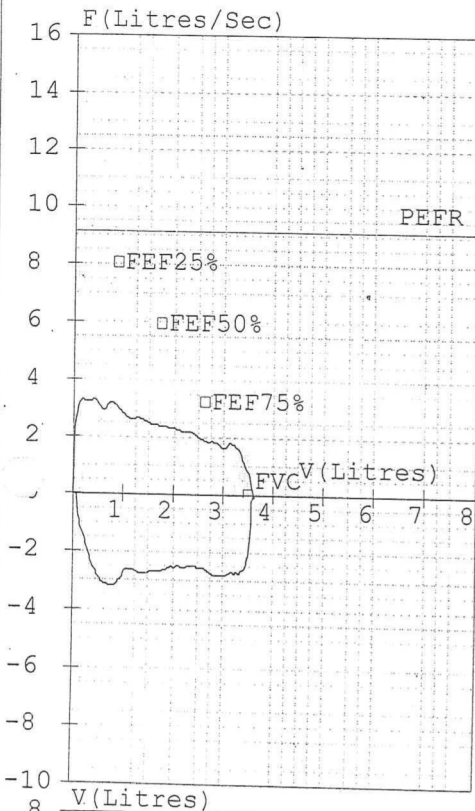


KANDOI HOSPITAL

BHANKROTA JAIPUR

Patient: SHAITAN SINGH
Refd. By:
Pred.Eqns: RECORDERS
Date : 10-May-2023 03:20 PM

Age : 26 Years Gender : Male
Height : 167 Cms Smoker : No
Weight : 55 Kgs Eth. Corr: 100
ID: 356 Temp :



Spirometry (FVC Results)

Parameter	Pred	M.Pre	%Pred	M.Post	%Pred	%Imp
FVC	(L) 03.50	03.59	103	-----	---	---
FEV1	(L) 03.00	02.59	086	-----	---	---
FEV1/FVC	(%) 85.71	72.14	084	-----	---	---
FEF25-75	(L/s) 04.51	02.31	051	-----	---	---
PEFR	(L/s) 09.13	03.26	036	-----	---	---
FIVC	(L) -----	03.54	---	-----	---	---
FEV.5	(L) -----	01.47	---	-----	---	---
FEV3	(L) 03.39	03.59	106	-----	---	---
PIFR	(L/s) -----	03.16	---	-----	---	---
FEF75-85	(L/s) -----	01.71	---	-----	---	---
FEF.2-1.2	(L/s) 07.69	02.97	039	-----	---	---
FEF 25%	(L/s) 08.06	02.99	037	-----	---	---
FEF 50%	(L/s) 05.96	02.34	039	-----	---	---
FEF 75%	(L/s) 03.25	01.82	056	-----	---	---
FEV.5/FVC	(%) -----	40.95	---	-----	---	---
FEV3/FVC	(%) 96.86	100.00	103	-----	---	---
FET	(Sec) -----	01.87	---	-----	---	---
ExptTime	(Sec) -----	00.06	---	-----	---	---
Lung Age	(Yrs) 026	030	115	-----	---	---
FEV6	(L) 03.50	-----	---	-----	---	---
FIF25%	(L/s) -----	02.74	---	-----	---	---
FIF50%	(L/s) -----	02.56	---	-----	---	---
FIF75%	(L/s) -----	02.78	---	-----	---	---

Pre Test COPD Severity

Test within normal limits

Pre Medication Report Indicates

Early Small Airway Obstruction as FEF 25-75 %Pred or PEFR %Pred < 70
Moderate Obstruction as (FEV1/FVC)%Pred < 84 and FVC%Pred > 80



DR RAMAN KANDOI

GOVERNMENT OF INDIA
MINISTRY OF LABOUR & EMPLOYMENT
CENTRAL LABOUR INSTITUTE
MUMBAI

MEDICAL EXAMINATION FORM OF THE WORKER

S.NO.

DATE 10-05-23

I. Personal Data :

Name Shantanu Singh Age/Sex 26 / M

Industry APL Industries Ltd. Pipla Nature of work WORKER

Contact Details T Shah Ka Jharokha Bundi Tonk,
Rajasthan 323025

II. Nature of work:

Loading / Unloading / Storage / Cutting of bags / Charging / Mixing / Filling
/ packing / Handling of Finished Goods / Disposal / Other

III. Family Details:

☒ Married / ☐ Unmarried M No of Family Member 03

IV. Occupational History:

1 Present Occupation / Designation Worker

2 Nature work done Worker

3 Over time / extra time, if any —

4 Use of PPE/ Wet method, if any yes

5 Years of service in present occupation 4 years

6 History of past Occupational, if any —

7 Total years of asbestos related work 4 years

8 Para – occupational History of Asbestos exposure, if any —

V. Personal History:

1 Smoking: Duration — No of Cig./Beedi per day —

2 Alcohol: Occasional / Regular — Quantity —

3 Any other addiction, if any —

VI. History of past illness, if any: —

VII. History of present illness, if any : —

VIII. Physical Examination:

A General Examination:

1	Height in Cms.....	167	2	Weight in Kgs.....	55
3	Nutrition	Good	4	Lymph nodes.....	No
5	Pallor	No	6	Anemia.....	No
7	Cyanosis	No	8	Clubbing	No
9	Skin	(D)	10	Oedema	No
11	Pulse.....	86	12	BP	130/80

B. Systemic Examination:

1 Respiratory System:

NAD

2 Cardio-vascular System:

NAD

3 GI System:

NAD

IX. Investigation:

1 Pulmonary Function Test: Normal Limit

A FVC: a. Observed..... b. Predicted.....

B FEV 1: a. Observed..... b. Predicted.....

C. a. Obstructive Index:

b. Restrictive Index:

NAD

2 X-Ray Chest – PA view:

NAD

3. HRCT (if required):

—

X. Clinical Impression:

FIT



(Signature of attending Doctor)

1 [Form No. 30]

(Prescribed Under Rule 100)

SPECIAL CERTIFICATE OF FITNESS



Serial No. _____

Date 26/06/23

I hereby certify that I have personally examined Bhagwan Sa Shay son
of Sauqta Ram meen residing at ARK Info tech who is desirous of being
employed as Supervisor in the Production and that his age, as nearly as
can be ascertained from my examination, is 47 years Years, and he is, in my opinion
fit for employment in _____

His descriptive marks are पेट पर चोट का निशान

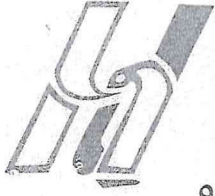
 Signature or left hand thumb

Impression of person employed

Signature of certifying surgeon

I certify that	I extend this	Signature of	Note of
I examined the	Certificate until	Certifying	Symptoms
Person mentioned		Surgeon	
Above on			

1. Substituted vide notification No. F.1 (2) 8 LAB /68 , dated 6.8.1974



कन्दोई हॉस्पिटल

(A unit of Kandoi Health Care Pvt. Ltd.)



98-99, मोहरू विहार, मुकुन्दपुरा रोड, भांकोटा, अजमेर रोड, जयपुर, फोन 0141 - 2250089

* डॉ. रमन कन्दोई

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MBBS, DCH
(नवजात एवं शिशु रोग विशेषज्ञ)

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MBBS
(स्त्री रोग विशेषज्ञ)

* डॉ. जय श्री

MBBS, DGO (स्त्री रोग विशेषज्ञ)

* डॉ. ममता खुदटा

MD (पेथोलोजिस्ट)

* डॉ. समुन्दर सिंह

MBBS, MS
(हड्डी रोग विशेषज्ञ)

* डॉ. राघव मेहता

MBBS, MS
(नाक, कान, गला रोग विशेषज्ञ)

* डॉ. विकास सक्सेना

MBBS, MD
(ICU Specialist)

* डॉ. अजय गुप्ता

MBBS, DA (Anaesthesia)

* डॉ. ललित गर्ग

DM (हृदय रोग विशेषज्ञ)

* डॉ. हरीश कस्वा

MCH (यूरोलोजिस्ट)

* डॉ. के.के. बंसल

MCH (न्यूरोसर्जन)

* डॉ. सौरभ कालिया

MCH (GI Surgeon)

* डॉ. कपिल देव

MCH (Onco Surgeon)

* डॉ. प्रवीण गुप्ता

MCH (Spine Surgeon)

* डॉ. सुनील गोयल

MCH (Plastic Surgeon)

सभी तरह के ऑपरेशन
दूरबीन में करने की
सुविधा।

Name Bhagwan Sahay OPD NO. 28

Age 47y Sex Male Date 26/6/23

$B_1 = \frac{130}{85}$

$B_2 = 84/5$

HR 115

SpO₂ = 99%

NO H/O Chest + Card - 19

NO H/O Head

NO H/O Any system

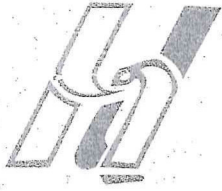
CBC. Hb

X-ray chest Hb



नवजात शिशु हेतु NICU की सुविधा। ICU सुविधा। 24 घंटे आपातकालीन एवं डिलीवरी की सुविधा

THIS IS NOT VALID FOR MEDICO-LEGAL PURPOSE



Kandoi Hospital

Mukundpura Road, Bhankrota, Jaipur Ph. : 0141 - 2250089



NAME BHAGWAN SHAY

NO 28

Ref. By Dr RAMAN KANDOI

sex male

Date 26/06/2023

Ag 47 year

SPUTUM FOR AFB

MICROBIOLOGY TEST REPORT

TEST :AFB STAIN

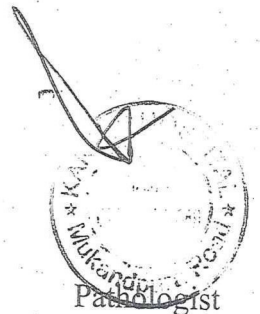
SPECIMEN : SPUTUM

RESULT : No acid fast bacilli seen.

****End of report****

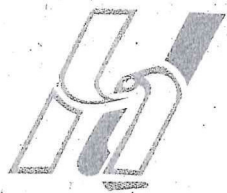
Technologist

Radiologist



FACILITIES : X-RAY, USG, E.C.G, BLOOD, URINE, STOOL, SEMEN, PREGNANCY TEST, CULTURE ETC.

Not : The Above Result Are Subject to Variation Due To Technical Limitation Hence Correlation With Clinical Finding And Other Investigation Should be Done



Kandoi Hospital

Mukundpura Road, Bhankrota, Jaipur Ph. : 0141 - 2250089



NAME BHAGWAN SHAY

NO 28

Ref. By Dr RAMAN KANDOI

sex male

Date 26/06/2023

Ag 47 year

X- Ray Chest PA View show

Soft tissue and bones cage shadows are normal.

Traches is central in Position.

Cardiac shadow is within normal limits.

Both CP angle are clear.

Both Lung fields are clear.

No sign of Asbestosis

OPINION : - NAD IN HEART AND LUNGS

Please correlate clinically

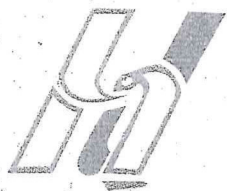
Technologist

Radiologist



FACILITIES : X-RAY, USG, E.C.G, BLOOD, URINE, STOOL, SEMEN, PREGNANCY TEST, CULTURE ETC.

Not : The Above Result Are Subject to Variation Due To Technical Limitation Hence Correlation With Clinical Finding And Other Investigation Should be Done



Kandoi Hospital

Mukundpura Road, Bhankrota, Jaipur Ph. : 0141 - 2250089



NAME BHAGWAN SHAY

NO 28

Ref. By Dr RAMAN KANDOI

sex male

Date 26/06/2023

Ag 47 year

URINE - EXAMINATION

ROUTINE:-

Albumin nil

Sugar nil

Technologist

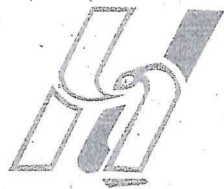
Radiologist

Pathologist

FACILITIES : X-RAY, USG, E.C.G, BLOOD, URINE, STOOL, SEMEN, PREGNANCY TEST, CULTURE ETC.

Not : The Above Result Are Subject to Variation Due To Technical Limitation Hence Correlation With Clinical Finding And Other Investigation Should be Done

THIS REPORT IS NOT VALID FOR MEDICO-LEGAL PURPOSE



Kandoi Hospital

Mukundpura Road, Bhankrota, Jaipur Ph. : 0141 - 2250089



Name : BHAGWAN SHAY H.R.No. : 0
Age/Sex : 47 Y M Lab No : 28
Doctor Name : DR. RAMAN KANDOI Visit Date: 26/06/2023
Department : SELF

Sample Col At: Acc. At: Rep. Time:

COMPLETE BLOOD COUNT

TEST	RESULT	UNIT	NORMAL RAG
HEMOGLOBIN	12.0	gm/dl	10 - 16
WBC	5800	$\times 10^3/\mu\text{l}$	4000 - 11000
POLYMORPH	75	%	40-75 %
LYMPHOCYTE	24	%	20-45 %
EOSINOPHIL	01	%	1-5 %
MONOCYTE	00	%	0-6 %
BASOPHIL	00	%	0-2 %
HCT	38.4	%	34-53 %
TRBC	4.29	Million/C	$3-5.6 \times 10^6/\mu\text{l}$
PLATELETS	1.67	LACKS/Cu	1.5-4.5
MCV	89.5	Femto	76-96 Femto Lit.
MCH	28.0	Pico gram	27-32 Pico gram
MCHC	31.3	gm/dl	32-36 gm/dl

End of Report

Technologist

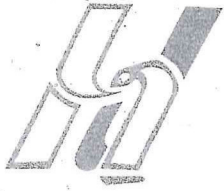
Radiologist

Pathologist

FACILITIES : X-RAY, USG, E.C.G, BLOOD, URINE, STOOL, SEMEN, PREGNANCY TEST, CULTURE ETC.

Not : The Above Result Are Subject to Variation Due To Technical Limitation Hence Correlation With Clinical Finding And Other Investigation Should be Done

THIS REPORT IS NOT VALID FOR MEDICO-LEGAL PURPOSE



Kandoi Hospital

Mukundpura Road, Bhankrota, Jaipur Ph. : 0141 - 2250089



Name	: BHAGWAN SHAY	H.R.No.	: 0
Age/Sex	: 47 Y M	Lab No	: 28
Doctor Name	: DR.RAMAN KANDOI	Visit Date	: 26/06/2023
Department	: SELF		
Sample Col At:	Acc. At:	Rep.Time: 06:02 PM	26/06/2023

DEPARTMENT OF HAEMATOLOGY

TEST	RESULT	UNIT	NORMAL RAG
ESR	18	mm/hr	0-20
End of Report			

Technologist

Radiologist

Pathologist



FACILITIES : X-RAY, USG, E.C.G, BLOOD, URINE, STOOL, SEMEN, PREGNANCY TEST, CULTURE ETC.

Not : The Above Result Are Subject to Variation Due To Technical Limitation Hence Correlation With Clinical Finding And Other Investigation Should be Done

THIS REPORT IS NOT VALID FOR MEDICO-LEGAL PURPOSE

KANDOI HOSPITAL

BHANKROTA JAIPUR

Patient: BHAGWAN SHAY

Refd. By:

Pred.Eqns: RECORDERS

Date : 26-Jun-2023 03:40 PM

Age : 47 Years

Height : 177 Cms

Weight : 70 Kgs

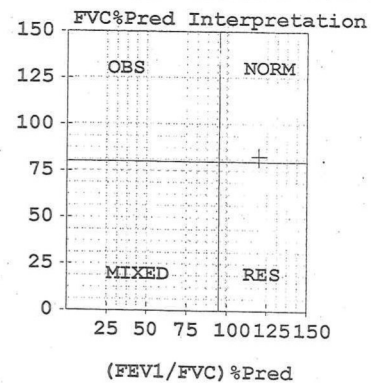
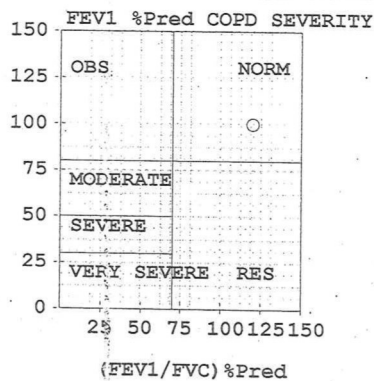
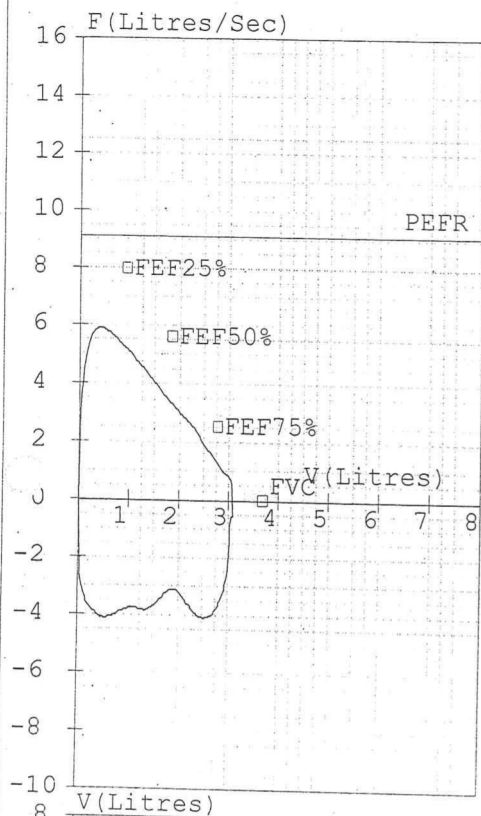
ID: 418

Gender : Male

Smoker : No

Eth. Corr: 100

Temp :



Spirometry(FVC Results)

Parameter	Pred	M.Pre	%Pred	M.Post	%Pred	%Imp
FVC	(L) 03.70	03.08	083	----	---	---
FEV1	(L) 02.96	02.96	100	----	---	---
FEV1/FVC	(%) 80.00	96.10	120	----	---	---
FEF25-75	(L/s) 03.76	03.70	098	----	---	---
PEFR	(L/s) 09.10	05.83	064	----	---	---
FIVC	(L) -----	03.09	---	----	---	---
FEV.5	(L) -----	02.19	---	----	---	---
FEV3	(L) 03.59	03.08	086	----	---	---
PIFR	(L/s) -----	04.07	---	----	---	---
FEF75-85	(L/s) -----	01.93	---	----	---	---
FEF.2-1.2	(L/s) 06.77	05.33	079	----	---	---
FEF 25%	(L/s) 07.98	05.41	068	----	---	---
FEF 50%	(L/s) 05.59	03.92	070	----	---	---
FEF 75%	(L/s) 02.53	02.42	096	----	---	---
FEV.5/FVC	(%) -----	71.10	---	----	---	---
FEV3/FVC	(%) 97.03	100.00	103	----	---	---
FET	(Sec) -----	01.17	---	----	---	---
ExptTime	(Sec) -----	00.08	---	----	---	---
Lung Age	(Yrs) 047	047	100	----	---	---
FEV6	(L) 03.70	-----	---	----	---	---
FIF25%	(L/s) -----	03.83	---	----	---	---
FIF50%	(L/s) -----	03.61	---	----	---	---
FIF75%	(L/s) -----	03.95	---	----	---	---

Pre Test COPD Severity

Test within normal limits

Pre Medication Report Indicates
Early Small Airway Obstruction as FEF 25-75 %Pred or PEFR %Pred < 70
Spirometry within normal limits as (FEV1/FVC) %Pred > 95 and FVC %Pred > 80.



DR RAMAN KANDOI

GOVERNMENT OF INDIA
MINISTRY OF LABOUR & EMPLOYMENT
CENTRAL LABOUR INSTITUTE
MUMBAI

MEDICAL EXAMINATION FORM OF THE WORKER

S.NO.

DATE 26/06/23

I. Personal Data :

Name Bhagwan shay Age/Sex 47 y / M
Industry ARI Infratech Ltd. Nature of work Supervisor Prod.
Contact Details Vijay Pura Bas Bimdayaka
JAIPUR 302012

II. Nature of work:

Loading / Unloading / Storage / Cutting of bags / Charging / Mixing / Filling
/ packing / Handling of Finished Goods / Disposal / Other

III. Family Details:

Married / Unmarried M No of Family Member 04

IV. Occupational History:

1 Present Occupation / Designation Supervisor Prod.
2 Nature work done Supervisor Prod.
3 Over time / extra time, if any N.A.
4 Use of PPE / Wet method, if any Yes
5 Years of service in present occupation 15 1/2 years
6 History of past Occupational, if any —
7 Total years of asbestos related work 15 1/2 years
8 Para – occupational History of Asbestos exposure, if any —

V. Personal History:

1 Smoking: Duration — No of Cig./Beedi per day —
2 Alcohol: Occasional / Regular — Quantity —
3 Any other addiction, if any —

VI. History of past illness, if any:

VII. History of present illness, if any:

VIII. Physical Examination:

A General Examination:

1	Height in Cms.	2	Weight in Kgs.
3	Nutrition	4	Lymph nodes
5	Pallor	6	Anemia
7	Cyanosis	8	Clubbing
9	Skin	10	Oedema
11	Pulse	12	BP

B. Systemic Examination:

1 Respiratory System:

NAD

2 Cardio-vascular System:

NAD

3 GI System:

NAD

IX. Investigation:

1 Pulmonary Function Test:

low limit

A FVC:	a. Observed.....	b. Predicted.....
B FEV 1:	a. Observed.....	b. Predicted.....
C.	a. Obstructive Index:	/NAD
	b. Restrictive Index:	

2 X-Ray Chest – PA view:

NAD

3. HRCT (if required): —

X. Clinical Impression:

FET



(Signature of attending Doctor)

4147 5/85 2030

1 [Form No. 30]

(Prescribed Under Rule 100)

SPECIAL CERTIFICATE OF FITNESS



Serial No. _____

Date 22.06.23

I hereby certify that I have personally examined Narendra Kumar son
of Jogendra Singh residing at ARL BAGRU who is desirous of being
employed as Chemist In the Q.C. and that his age, as nearly as
can be ascertained from my examination, is 34 Years, and he is, in my opinion
fit for employment in _____

His descriptive marks are Black spot near stomach.

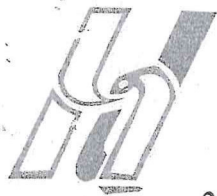
Narendra

Signature or left hand thumb

Impression of person employed

Signature of certifying surgeon

I certify that	I extend this	Signature of	Note of
I examined the	Certificate until	Certifying	Symptoms
Person mentioned		Surgeon	
Above on			



कन्दोई हॉस्पिटल

(A unit of Kandoi Health Care Pvt. Ltd.)



98-99, मोहरू विहार, मुकुन्दपुरा रोड़, भांकरोटा, अजमेर रोड़, जयपुर, फोन 0141 - 2250089

- * डॉ. रमन कन्दोई
MBBS, MS
(लैप्रोस्कोपिक एवं जनरल सर्जन)
- * डॉ. बी. पी. कन्दोई
MBBS, DCH
(नवजात एवं शिशु रोग विशेषज्ञ)
- * डॉ. सुनीता कन्दोई
MBBS
(स्त्री रोग विशेषज्ञ)
- * डॉ. जय श्री
MBBS, DGO (स्त्री रोग विशेषज्ञ)
- * डॉ. भमता खुटेडा
MD (पेथोलोजिस्ट)
- * डॉ. समुन्दर सिंह
MBBS, MS
(हड्डी रोग विशेषज्ञ)
- * डॉ. राघव मेहता
MBBS, MS
(नाक, कान, गला रोग विशेषज्ञ)
- * डॉ. विकास सक्सेना
MBBS, MD
(ICU Specialist)
- * डॉ. अजय गुप्ता
MBBS, DA (Anaesthesia)
- * डॉ. ललित गर्ग
DM (हृदय रोग विशेषज्ञ)
- * डॉ. हरीश कस्वां
MCH (यूरोलोजिस्ट)
- * डॉ. के.के. बंसल
MCH (न्यूरोसर्जन)
- * डॉ. सौरभ कालिया
MCH (GI Surgeon)
- * डॉ. कपिल देव
MCH (Onco Surgeon)
- * डॉ. प्रवीण गुप्ता
MCH (Spine Surgeon)
- * डॉ. सुनीश गोयल
MCH (Plastic Surgeon)

Name Narendra Kumar OPD NO. 21

Age 34y Sex Male Date 22/6/23

BI = 120/80

Pulse = 74/min

Temp = 99.4

SpO₂ = 99%

NO H/O Chest & Joint

NO H/O Bowel

NO H/O Any organ

CBC NAD

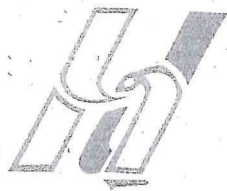
X-Ray Chest - NAD



सभी तरह के ऑपरेशन
दूरबीन से करने की
सुविधा।

नवजात शिशु हेतु NICU की सुविधा। ICU सुविधा। 24 घंटे आपातकालीन एवं डिलीवरी की सुविधा

THIS IS NOT VALID FOR MEDICO-LEGAL PURPOSE



Kandoi Hospital

Mukundpura Road, Bhankrota, Jaipur Ph. : 0141 - 2250089



NAME NARENDRA KUMAR

NO 21

Ref. By Dr RAMAN KANDOI

sex male

Date 22/06/2023

Ag 34 year

SPUTUM FOR AFB

MICROBIOLOGY TEST REPORT

TEST :AFB STAIN

SPECIMEN : SPUTUM

RESULT : No acid fast bacilli seen.

****End of report****

Technologist

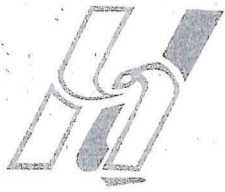
Radiologist



FACILITIES : X-RAY, USG, E.C.G, BLOOD, URINE, STOOL, SEMEN, PREGNANCY TEST, CULTURE ETC.

Not : The Above Result Are Subject to Variation Due To Technical Limitation Hence Correlation With Clinical Finding And Other Investigation Should be Done

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Kandoi Hospital

Mukundpura Road, Bhankrota, Jaipur Ph. : 0141 - 2250089



NAME NARENDRA KUMAR

NO 21

Ref. By Dr RAMAN KANDOI

sex male

Date 22/06/2023

Ag 34 year

X- Ray Chest PA View show

Soft tissue and bones cage shadows are normal.

Traches is central in Position.

Cardiac shadow is within normal limits.

Both CP angle are clear.

Both Lung fields are clear.

No sign of Asbestosis

OPINION : - NAD IN HEART AND LUNGS

Please correlate clinically

Technologist

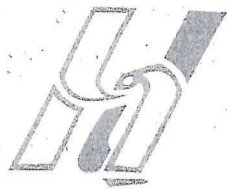
Radiologist



FACILITIES : X-RAY, USG, E.C.G, BLOOD, URINE, STOOL, SEMEN, PREGNANCY TEST, CULTURE ETC.

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Kandoi Hospital

Mukundpura Road, Bhankrota, Jaipur Ph. : 0141 - 2250089



NAME NARENDRA KUMAR

NO 21

Ref. By Dr RAMAN KANDOI

sex male

Date 22/06/2023

Ag 34 year

URINE - EXAMINATION

ROUTINE:-

Albumin nil

Sugar nil

Technologist

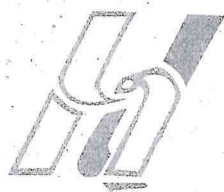
Radiologist

Pathologist

FACILITIES : X-RAY, USG, E.C.G, BLOOD, URINE, STOOL, SEMEN, PREGNANCY TEST, CULTURE ETC.

Not : The Above Result Are Subject to Variation Due To Technical Limitation Hence Correlation With Clinical Finding And Other Investigation Should be Done

THIS REPORT IS NOT VALID FOR MEDICO-LEGAL PURPOSE



Kandoi Hospital

Mukundpura Road, Bhankrota, Jaipur Ph. : 0141 - 2250089



Name	: NARENDRA KUMAR	H.R.No.	: 0
Age/Sex	: 34 Y M	Lab No	: 21
Doctor Name	: DR. RAMAN KANDOI	Visit Date	: 22/06/2023
Department	: SELF		
Sample Col At:	Acc. At:	Rep. Time: 07:20 PM	22/06/2023

COMPLETE BLOOD COUNT

TEST	RESULT	UNIT	NORMAL RAG
HEMOGLOBIN	10.3	gm/dl	10 - 16
WBC	5500	$\times 10^3/\text{ul}$	4000 - 11000
POLYMORPH	59	%	40-75 %
LYMPHOCYTE	40	%	20-45 %
EOSINOPHIL	01	%	1-5 %
MONOCYTE	00	%	0-6 %
BASOPHIL	00	%	0-2 %
HCT	35.1	%	34-53 %
TRBC	4.01	Million/C	$3-5.6 \times 10^6/\text{ul}$
PLATELETS	2.01	LACKS/Cu	1.5-4.5
MCV	87.5	Femto	76-96 Femto Lit.
MCH	25.7	Pico gram	27-32 Pico gram
MCHC	29.3	gm/dl	32-36 gm/dl

End of Report

Technologist

Radiologist

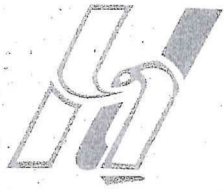


Pathologist

FACILITIES : X-RAY, USG, E.C.G, BLOOD, URINE, STOOL, SEMEN, PREGNANCY TEST, CULTURE ETC.

Not : The Above Result Are Subject to Variation Due To Technical Limitation Hence Correlation With Clinical Finding And Other Investigation Should be Done

THIS REPORT IS NOT VALID FOR MEDICO-LEGAL PURPOSE



Kandoi Hospital

Mukundpura Road, Bhankrota, Jaipur Ph. : 0141 - 2250089



Name	: NARENDRA KUMAR	H.R.No.	: 0
Age/Sex	: 34 Y M	Lab No	: 21
Doctor Name	: DR.RAMAN KANDOI	Visit Date	: 22/06/2023
Department	: SELF		
Sample Col At:	Acc. At:	Rep. Time:	

DEPARTMENT OF HAEMATOLOGY

TEST	RESULT	UNIT	NORMAL RAG
ESR	18	mm/hr	0-20
End of Report			



Technologist

Radiologist

Pathologist

FACILITIES : X-RAY, USG, E.C.G, BLOOD, URINE, STOOL, SEMEN, PREGNANCY TEST, CULTURE ETC.

Not : The Above Result Are Subject to Variation Due To Technical Limitation Hence Correlation With Clinical Finding And Other Investigation Should be Done

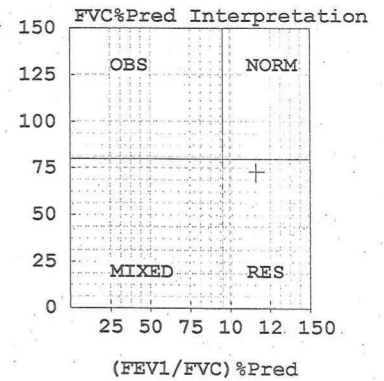
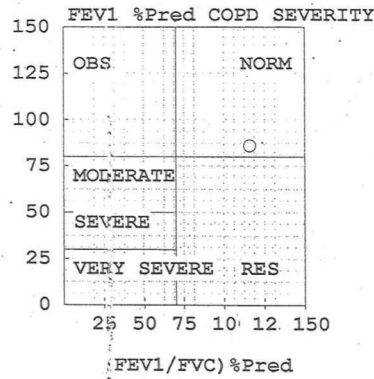
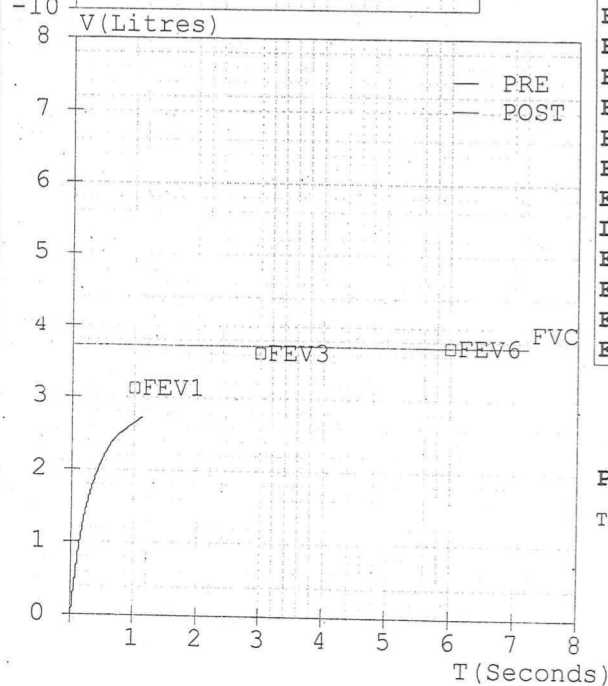
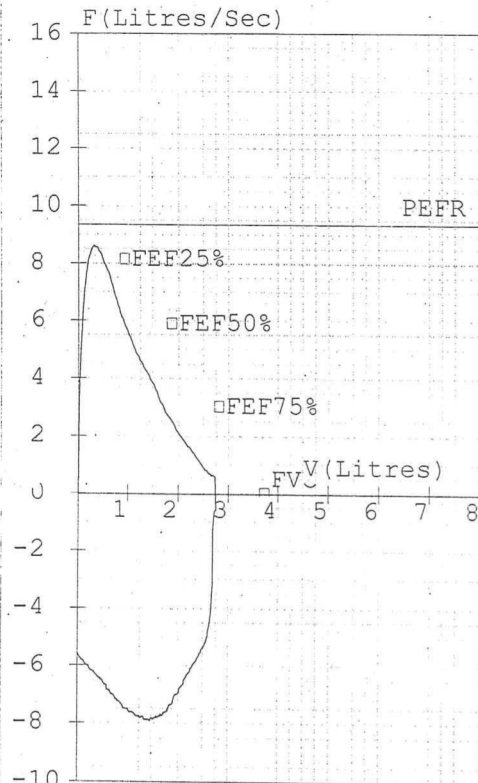
THIS REPORT IS NOT VALID FOR MEDICO-LEGAL PURPOSE

KANDOI HOSPITAL

BHANKROTA JAIPUR

Patient: NARENDRA KUMAR
Refd. By:
Pred.Eqns: RECORDERS
Date : 22-Jun-2023 04:24 PM

Age : 34 Years Gender : Male
Height : 174 Cms Smoker : No
Weight : 71 Kgs Eth. Corr: 100
ID: 409 Temp :



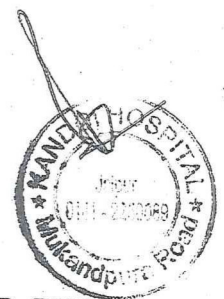
Spirometry (FVC Results)

Parameter	Pred	M.Pre %Pred	M.Post %Pred	%Imp
FVC (L)	03.73	02.74	073	----
FEV1 (L)	03.12	02.67	086	----
FEV1/FVC (%)	83.65	97.45	116	----
FEF25-75 (L/s)	04.29	03.72	087	----
PEFR (L/s)	09.34	08.55	092	----
FIVC (L)	-----	03.53	----	----
FEV.5 (L)	-----	02.15	----	----
FEV3 (L)	03.62	02.74	076	----
PIFR (L/s)	-----	07.84	----	----
FEF75-85 (L/s)	-----	01.61	----	----
FEF.2-1.2 (L/s)	07.50	06.62	088	----
FEF 25% (L/s)	08.14	07.15	088	----
FEF 50% (L/s)	05.90	04.20	071	----
FEF 75% (L/s)	03.02	01.95	065	----
FEV.5/FVC (%)	-----	78.47	----	----
FEV3/FVC (%)	97.05	100.00	103	----
FET (Sec)	-----	01.13	----	----
ExptTime (Sec)	-----	00.04	----	----
Lung Age (Yrs)	034	039	115	----
FEV6 (L)	03.73	-----	----	----
FIF25% (L/s)	-----	07.55	----	----
FIF50% (L/s)	-----	05.94	----	----
FIF75% (L/s)	-----	01.64	----	----

Pre Test COPD Severity

Test within normal limits

Pre Medication Report Indicates
Mild Restriction as (FEV1/FVC)%Pred >95 and FVC%Pred <80



DR RAMAN KANDOI

GOVERNMENT OF INDIA
MINISTRY OF LABOUR & EMPLOYMENT
CENTRAL LABOUR INSTITUTE
MUMBAI

MEDICAL EXAMINATION FORM OF THE WORKER

S.NO.

DATE 22-06-23

I. Personal Data :

Name Narendra kumar Age/Sex 34 y / M
Industry ARL Infra tech Nature of work Chemist
Contact Details PHANIYA PHATAK Ke Pass Jaipur
JAIPUR (Raj)

II. Nature of work:

Loading / Unloading / Storage / Cutting of bags / Charging / Mixing / Filling
/ packing / Handling of Finished Goods / Disposal / Other

III. Family Details:

☒ Married / ☐ Unmarried M No of Family Member 05

IV. Occupational History:

1 Present Occupation / Designation Chemist
2 Nature work done Chemist
3 Over time / extra time, if any NA
4 Use of PPE/ Wet method, if any Yes
5 Years of service in present occupation 12 1/2 years
6 History of past Occupational, if any —
7 Total years of asbestos related work 12 1/2 years
8 Para – occupational History of Asbestos exposure, if any —

V. Personal History:

1 Smoking: Duration — No of Cig./Beedi per day —
2 Alcohol: Occasional / Regular — Quantity —
3 Any other addiction, if any —

VI. History of past illness, if any: —

VII. History of present illness, if any : —

VIII. Physical Examination:

A General Examination:

1	Height in Cms.....	74	2	Weight in Kgs.....	71
3	Nutrition.....	Good	4	Lymph nodes.....	NO
5	Pallor.....	NO	6	Anemia.....	NO
7	Cyanosis.....	NO	8	Clubbing.....	NO
9	Skin.....	(P)	10	Oedema.....	NO
11	Pulse.....	74	12	BP.....	120/80

B. Systemic Examination:

1 Respiratory System:

NAD

2 Cardio-vascular System:

NAD

3 GI System:

NAD

IX. Investigation:

1 Pulmonary Function Test: NAD

A FVC: a. Observed..... b. Predicted.....

B FEV 1: a. Observed..... b. Predicted.....

C. a. Obstructive Index: NAD
b. Restrictive Index:

2 X-Ray Chest – PA view:

NAD

3. HRCT (if required): —

X. Clinical Impression:

FIT



(Signature of attending Doctor)

1 [Form No. 30]

(Prescribed Under Rule 100)

SPECIAL CERTIFICATE OF FITNESS



Serial No. _____

Date 10-05-23

I hereby certify that I have personally examined Raman Singh son of Sh. Bhawalal residing at APL Industries Ltd. Pipli who is desirous of being employed as Worker in the Production and that his age, as nearly as can be ascertained from my examination, is 30 y Years, and he is, in my opinion fit for employment in _____

His descriptive marks are Injury mark on nose

Signature

Signature or left hand thumb

Impression of person employed

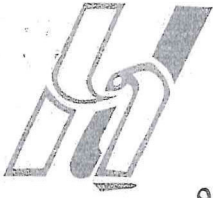
Signature
Signature of certifying surgeon
(Dr. Anita Gupta)
Inspector Factories (Medical)
Factories and Boilers Deptt.

I certify that	I extend this	Signature of	Note of
I examined the	Certificate until	Certifying	Symptoms
Person mentioned		Surgeon	
Above on			

19.5.2023

NIL

1. Substituted vide notification No. F.1 (2) 8 LAB /68 , dated 6.8.1974



कन्दोई हॉस्पिटल

(A unit of Kandoi Health Care Pvt. Ltd.)



98-99, मोहरू विहार, मुकुन्दपुरा रोड, भांकरोटा, अजमेर रोड, जयपुर, फोन 0141 - 2250089

- * डॉ. रमन कन्दोई
MBBS, MS
(लैप्रोस्कोपिक एवं जनरल सर्जन)
- * डॉ. बी. पी. कन्दोई
MBBS, DCH
(नवजात एवं शिशु रोग विशेषज्ञ)
- * डॉ. सुनीता कन्दोई
MBBS
(स्त्री रोग विशेषज्ञ)
- * डॉ. जय श्री
MBBS, DGO (स्त्री रोग विशेषज्ञ)
- * डॉ. मयता खुदेदा
MD (पेथोलोजिस्ट)
- * डॉ. समुन्द्र सिंह
MBBS, MS
(हड्डी रोग विशेषज्ञ)
- * डॉ. राखव मेहता
MBBS, MS
(नाक, कान, गला रोग विशेषज्ञ)
- * डॉ. विकास सक्सेना
MBBS, MD
(ICU Specialist)
- * डॉ. अजय गुप्ता
MBBS, DA (Anaesthesia)
- * डॉ. ललित गर्ग
DM (हृदय रोग विशेषज्ञ)
- * डॉ. हरीश कस्वा
MCH (यूरोलोजिस्ट)
- * डॉ. के.के. बंसल
MCH (न्यूरोसर्जन)
- * डॉ. सौरभ कालिया
MCH (GI Surgeon)
- * डॉ. कपिल देव
MCH (Onco Surgeon)
- * डॉ. प्रवीण गुप्ता
MCH (Spine Surgeon)
- * डॉ. सुनील गोयल
MCH (Plastic Surgeon)

सभी तरह के ऑपरेशन
दूरबीन से करने की
सुविधा।

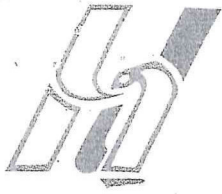
Name Moh Singh Meena OPD NO. 13
Age 30y Sex Male Date 10/5/23

Handwritten notes:
Bl = 130/80 →
P = 88/4
Hb = 9.87
NO H/O Chest pain - 19
NO H/O Head
NO H/O Ag. op. plan
CBC - NA
XRAY Chest NA



नवजात शिशु हेतु NICU की सुविधा। ICU सुविधा। 24 घंटे आपातकालीन एवं डिलीवरी की सुविधा।

THIS IS NOT VALID FOR MEDICO-LEGAL PURPOSE



Kandoi Hospital

Mukundpura Road, Bhankrota, Jaipur Ph. : 0141 - 2250089



NAME MAN SINGH MEENA

NO 13

Ref. By Dr RAMAN KANDOI

sex male

Date 10/05/2023

Ag 30 year

X- Ray Chest PA View show

Soft tissue and bones cage shadows are normal.

Traches is central in Position,

Cardiac shadow is within normal limits.

Both CP angle are clear.

Both Lung fields are clear.

No sign of Asbestosis

OPINION : - NAD IN HEART AND LUNGS

Please correlate clinically

Technologist

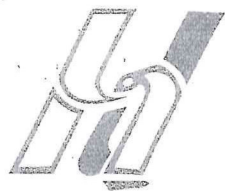
Radiologist



FACILITIES : X-RAY, USG, E.C.G, BLOOD, URINE, STOOL, SEMEN, PREGNANCY TEST, CULTURE ETC.

Not : The Above Result Are Subject to Variation Due To Technical Limitation Hence Correlation With Clinical Finding And Other Investigation Should be Done

THIS REPORT IS NOT VALID FOR MEDICO-LEGAL PURPOSE



Kandoi Hospital

Mukundpura Road, Bhankrota, Jaipur Ph. : 0141 - 2250089



NAME MAN SINGH MEENA

NO 13

Ref. By Dr RAMAN KANDOI

sex male

Date 10/05/2023

Ag 30 year

SPUTUM FOR AFB

MICROBIOLOGY TEST REPORT

TEST :AFB STAIN

SPECIMEN : SPUTUM

RESULT : No acid fast bacilli seen.

****End of report****

Technologist

Radiologist

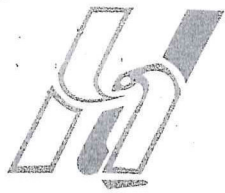
Pathologist

FACILITIES : X-RAY, USG, E.C.G, BLOOD, URINE, STOOL, SEMEN, PREGNANCY TEST, CULTURE ETC.

Not : The Above Result Are Subject to Variation Due To Technical Limitation Hence Correlation With Clinical Finding And Other Investigation Should be Done

THIS REPORT IS NOT VALID FOR MEDICO-LEGAL PURPOSE





Kandoi Hospital

Mukundpura Road, Bhankrota, Jaipur Ph. : 0141 - 2250089



NAME MAN SINGH MEENA

NO 13

Ref. By Dr RAMAN KANDOI

sex male

Date 10/05/2023

Ag 30 year

URINE - EXAMINATION

ROUTINE:-

Albumin nil

Sugar nil

Technologist

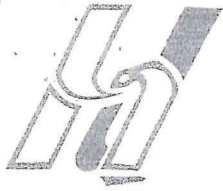
Radiologist



FACILITIES : X-RAY, USG, E.C.G, BLOOD, URINE, STOOL, SEMEN, PREGNANCY TEST, CULTURE ETC.

Not : The Above Result Are Subject to Variation Due To Technical Limitation Hence Correlation With Clinical Finding And Other Investigation Should be Done

THIS REPORT IS NOT VALID FOR MEDICO-LEGAL PURPOSE



Kandoi Hospital

Mukundpura Road, Bhankrota, Jaipur Ph. : 0141 - 2250089



Name : MAN SINGH MEENA
Age/Sex : 30 Y M
Doctor Name : DR. RAMAN KANDOI
Department : SELF

H.R.No. : 0
Lab No : 13
Visit Date: 10/05/2023

Sample Col At: Acc. At: Rep. Time: 09:10 PM 10/05/2023

COMPLETE BLOOD COUNT

TEST	RESULT	UNIT	NORMAL RAG
HEMOGLOBIN	14.2	gm/dl	10 - 16
WBC	8000	$\times 10^3/\text{ul}$	4000 - 11000
POLYMORPH	57	%	40-75 %
LYMPHOCYTE	42	%	20-45 %
EOSINOPHIL	01	%	1-5 %
MONOCYTE	00	%	0-6 %
BASOPHIL	00	%	0-2 %
HCT	44.9	%	34-53 %
TRBC	5.00	Million/C	$3-5.6 \times 10^6/\text{ul}$
PLATELETS	1.46	LACKS/Cu	1.5-4.5
MCV	89.8	Femto	76-96 Femto Lit.
MCH	28.4	Pico gram	27-32 Pico gram
MCHC	31.6	gm/dl	32-36 gm/dl

End of Report

Technologist

Radiologist

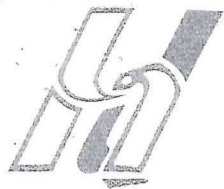
Pathologist

FACILITIES : X-RAY, USG, E.C.G, BLOOD, URINE, STOOL, SEMEN, PREGNANCY TEST, CULTURE ETC.

Not : The Above Result Are Subject to Variation Due To Technical Limitation Hence Correlation With Clinical Finding And Other Investigation Should be Done

THIS REPORT IS NOT VALID FOR MEDICO-LEGAL PURPOSE





Kandoi Hospital

Mukundpura Road, Bhankrota, Jaipur Ph. : 0141 - 2250089



Name : MAN SINGH MEENA

H.R.No. : 0

Age/Sex : 30 Y M

Lab No : 13

Doctor Name : DR. RAMAN KANDOI

Visit Date: 10/05/2023

Department : SELF

Sample Col At:

Acc. At:

Rep. Time:

DEPARTMENT OF HAEMATOLOGY

TEST	RESULT	UNIT	NORMAL RAG
ESR	17	mm/hr	0-20
End of Report			



Technologist

Radiologist

Pathologist

FACILITIES : X-RAY, USG, E.C.G, BLOOD, URINE, STOOL, SEMEN, PREGNANCY TEST, CULTURE ETC.

Not : The Above Result Are Subject to Variation Due To Technical Limitation Hence Correlation With Clinical Finding And Other Investigation Should be Done

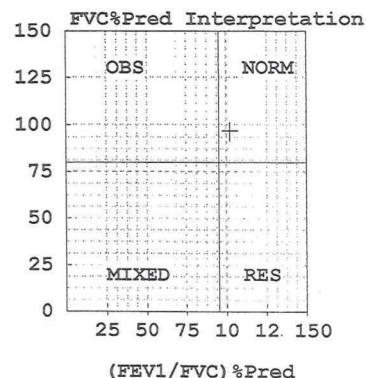
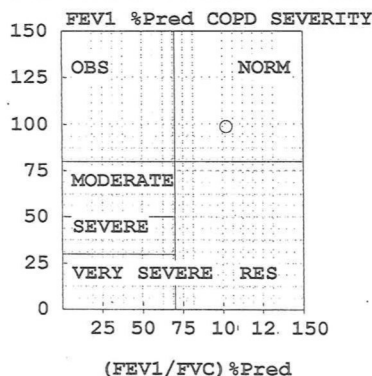
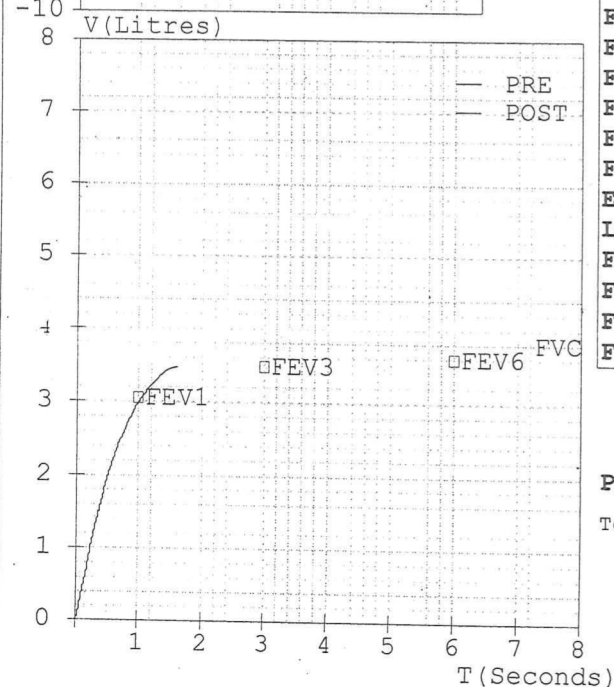
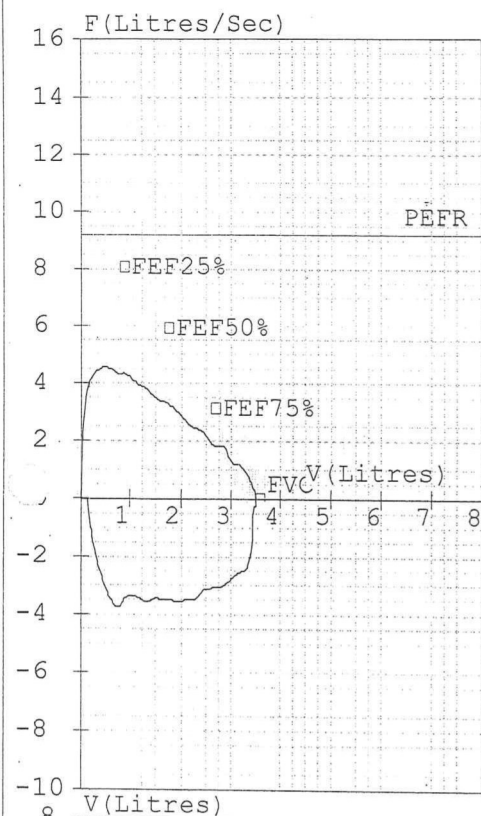
THIS REPORT IS NOT VALID FOR MEDICO-LEGAL PURPOSE

KANDOI HOSPITAL

BHANKROTA JAIPUR

Patient: MAN SINGH MENA
Refd. By:
Pred.Eqns: RECORDERS
Date : 10-May-2023 03:29 PM

Age : 30 Years Gender : Male
Height : 170 Cms Smoker : No
Weight : 57 Kgs Eth. Corr: 100
ID: 358 Temp :



Spirometry (FVC Results)

Parameter	Pred	M.Pre %Pred	M.Post %Pred	%Imp
FVC	(L) 03.59	03.49 097	-----	---
FEV1	(L) 03.04	03.00 099	-----	---
FEV1/FVC	(%) 84.68	85.96 102	-----	---
FEF25-75	(L/s) 04.39	02.99 068	-----	---
PEFR	(L/s) 09.20	04.52 049	-----	---
FIVC	(L) -----	03.34 ---	-----	---
FEV.5	(L) -----	01.97 ---	-----	---
FEV3	(L) 03.48	03.49 100	-----	---
PIFR	(L/s) -----	03.73 ---	-----	---
FEF75-85	(L/s) -----	01.69 ---	-----	---
FEF.2-1.2	(L/s) 07.57	04.25 056	-----	---
FEF 25%	(L/s) 08.08	04.30 053	-----	---
FEF 50%	(L/s) 05.92	03.27 055	-----	---
FEF 75%	(L/s) 03.13	01.85 059	-----	---
FEV.5/FVC	(%) -----	56.45 ---	-----	---
FEV3/FVC	(%) 96.94	100.00 103	-----	---
FET	(Sec) -----	01.66 ---	-----	---
ExptTime	(Sec) -----	00.11 ---	-----	---
Lung Age (Yrs)	030	030 100	-----	---
FEV6	(L) 03.59	-----	-----	---
FIF25%	(L/s) -----	03.02 ---	-----	---
FIF50%	(L/s) -----	03.52 ---	-----	---
FIF75%	(L/s) -----	03.35 ---	-----	---

Pre Test COPD Severity

Test within normal limits

Pre Medication Report Indicates

Early Small Airway Obstruction as FEF 25-75 %Pred or PEFR %Pred < 70
Spirometry within normal limits as (FEV1/FVC) %Pred >95 and FVC %Pred >80.



DR RAMAN KANDOI

GOVERNMENT OF INDIA
MINISTRY OF LABOUR & EMPLOYMENT
CENTRAL LABOUR INSTITUTE
MUMBAI

MEDICAL EXAMINATION FORM OF THE WORKER

S.NO.

DATE...10.05.23

I. Personal Data :

Name ...Ram Singh Meena... Age/Sex...30 / M...

Industry...PRL Industries Ltd. Bhi... Nature of work

Contact Details ...ROSHANOA KATARA Roshanda
BUNDI Rajasthan 323025...

II. Nature of work:

Loading / Unloading /Storage/Cutting of bags/ Charging /Mixing /Filling
/packing /Handling of Finished Goods /Disposal/Other

III. Family Details:

☒ Married/ UnmarriedM..... No of Family Member.....04.....

IV. Occupational History:

1 Present Occupation / DesignationWorker.....

2 Nature work doneWorker.....

3 Over time / extra time, if any—.....

4 Use of PPE/ Wet method, if anyyes.....

5 Years of service in present occupation.....4 years.....

6 History of past Occupational, if any.....—.....

7 Total years of asbestos related work4 years.....

8 Para – occupational History of Asbestos exposure, if any.....—.....

V. Personal History:

1 Smoking: Duration No of Cig./Beedi per day.....—

2 Alcohol: Occasional /Regular..... Quantity.....—

3 Any other addiction, if any.....—

VI. History of past illness, if any: —

VII. History of present illness, if any : —

VIII. Physical Examination:

A General Examination:

1	Height in Cms.	170	2	Weight in Kgs.	57
3	Nutrition	Good	4	Lymph nodes	NO
5	Pallor	NO	6	Anemia	NO
7	Cyanosis	NO	8	Clubbing	NO
9	Skin	(D)	10	Oedema	NO
11	Pulse	88	12	BP	130/80

B. Systemic Examination:

1 Respiratory System:

NAD

2 Cardio-vascular System:

NAD

3 GI System:

NAD

IX. Investigation:

1 Pulmonary Function Test: Normal limit

A FVC: a. Observed..... b. Predicted.....

B FEV 1: a. Observed..... b. Predicted.....

C. a. Obstructive Index:

b. Restrictive Index:

NAD

2 X-Ray Chest – PA view:

NAD

3. HRCT (if required):

—

X. Clinical Impression:

FIT



(Signature of attending Doctor)

1 [Form No. 30]

(Prescribed Under Rule 100)

SPECIAL CERTIFICATE OF FITNESS



Serial No. _____

Date 22/06/23

I hereby certify that I have personally examined Rajesh Narayan son
of Narayan residing at ARL Infrastructure Ltd. BAGRU who is desirous of being
employed as Supervisor in the Fibre Godown and that his age, as nearly as
can be ascertained from my examination, is 37 years Years, and he is, in my opinion
fit for employment in _____

His descriptive marks are दोपट्टा पच्छेद मानिशन

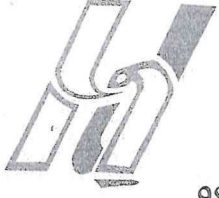
R

Signature or left hand thumb

Impression of person employed

Signature of certifying surgeon

I certify that	I extend this	Signature of	Note of
I examined the	Certificate until	Certifying	Symptoms
Person mentioned		Surgeon	
Above on			



कन्दोई हॉस्पिटल

(A unit of Kandoi Health Care Pvt. Ltd.)



98-99, मोहरू विहार, मुकुन्दपुरा रोड, भांकरोटा, अजमेर रोड, जयपुर, फोन 0141 - 2250089

* डॉ. रमन कन्दोई

MBBS, MS
(लैप्रोस्कोपिक एवं जनरल सर्जन)

* डॉ. बी. पी. कन्दोई

MBBS, DCH
(नवजात एवं शिशु रोग विशेषज्ञ)

* डॉ. सुनीता कन्दोई

MBBS
(स्त्री रोग विशेषज्ञ)

* डॉ. जय श्री

MBBS, DGO (स्त्री रोग विशेषज्ञ)

* डॉ. ममता खुदेटा

MD (पेथोलोजिस्ट)

* डॉ. समुन्दर सिंह

MBBS, MS
(हड्डी रोग विशेषज्ञ)

* डॉ. राधव मेहता

MBBS, MS
(नाक, कान, गला रोग विशेषज्ञ)

* डॉ. विकास सक्सेना

MBBS, MD
(ICU Specialist)

* डॉ. अजय गुप्ता

MBBS, DA (Anaesthesia)

* डॉ. ललित गर्ग

DM (हृदय रोग विशेषज्ञ)

* डॉ. हरीश कर्वा

MCH (यूरोलोजिस्ट)

* डॉ. के.के. बंसल

MCH (न्यूरोसर्जन)

* डॉ. सौरभ कालिया

MCH (GI Surgeon)

* डॉ. कपिल देव

MCH (Onco Surgeon)

* डॉ. प्रवीण गुप्ता

MCH (Spine Surgeon)

* डॉ. सुनीश गोयल

MCH (Plastic Surgeon)

* सभी तरह के ऑपरेशन

दूरबीन से करने की

सुविधा।

Name Rajesh Nayyar OPD NO. 22

Age 37y Sex Male Date 22/6/23

$Bt = \frac{120}{80}$

P = 76/4

HEP AL-

SpO₂ = 99%

NO H/O Fever & Cough

NO H/O Head

NO H/O Ab. pain

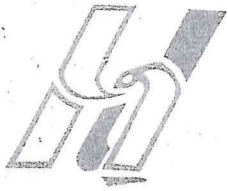
CBC - NM

X-Ray chest NM



नवजात शिशु हेतु NICU की सुविधा। ICU सुविधा। 24 घंटे आपातकालीन एवं डिलीवरी की सुविधा।

THIS IS NOT VALID FOR MEDICO-LEGAL PURPOSE



Kandoi Hospital

Mukundpura Road, Bhankrota, Jaipur Ph. : 0141 - 2250089



NAME RAJESH NARAYAN

NO 22

Ref. By Dr RAMAN KANDOI

sex male

Date 22/06/2023

Ag 37 year

SPUTUM FOR AFB

MICROBIOLOGY TEST REPORT

TEST : AFB STAIN

SPECIMEN : SPUTUM

RESULT : No acid fast bacilli seen.

****End of report****

Technologist

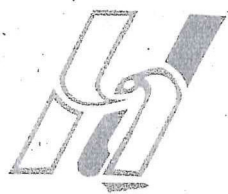
Radiologist



Pathologist

FACILITIES : X-RAY, USG, E.C.G, BLOOD, URINE, STOOL, SEMEN, PREGNANCY TEST, CULTURE ETC.

Not : The Above Result Are Subject to Variation Due To Technical Limitation Hence Correlation With Clinical Finding And Other Investigation Should be Done



Kandoi Hospital

Mukundpura Road, Bhankrota, Jaipur Ph. : 0141 - 2250089



NAME RAJESH NARAYAN

NO 22

Ref. By Dr RAMAN KANDOI

sex male

Date 22/06/2023

Ag 37 year

X- Ray Chest PA View show

Soft tissue and bones cage shadows are normal.

Traches is central in Position.

Cardiac shadow is within normal limits.

Both CP angle are clear.

Both Lung fields are clear.

No sign of Asbestosis

OPINION : - NAD IN HEART AND LUNGS

Please correlate clinically


Technologist

Radiologist

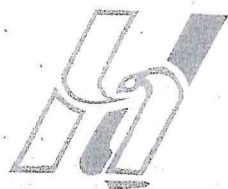


Pathologist

FACILITIES : X-RAY, USG, E.C.G, BLOOD, URINE, STOOL, SEMEN, PREGNANCY TEST, CULTURE ETC.

Not : The Above Result Are Subject to Variation Due To Technical Limitation Hence Correlation With Clinical Finding And Other Investigation Should be Done

THIS REPORT IS NOT VALID FOR MEDICO-LEGAL PURPOSE



Kandoi Hospital

Mukundpura Road, Bhankrota, Jaipur Ph. : 0141 - 2250089



NAME RAJESH NARAYAN

NO 22

Ref. By Dr RAMAN KANDOI

sex male

Date 22/06/2023

Ag 37 year

URINE - EXAMINATION

ROUTINE:-

Albumin nil

Sugar nil

Technologist

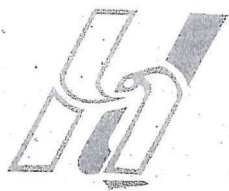
Radiologist



FACILITIES : X-RAY, USG, E.C.G, BLOOD, URINE, STOOL, SEMEN, PREGNANCY TEST, CULTURE ETC.

Not : The Above Result Are Subject to Variation Due To Technical Limitation Hence Correlation With Clinical Finding And Other Investigation Should be Done

THIS REPORT IS NOT VALID FOR MEDICO-LEGAL PURPOSE



Kandoi Hospital

Mukundpura Road, Bhankrota, Jaipur Ph. : 0141 - 2250089



Name	: RAJESH NARAYAN	H.R.No.	: 0
Age/Sex	: 37 Y M	Lab No	: 22
Doctor Name	: DR. RAMAN KANDOI	Visit Date	: 22/06/2023
Department	: SELF		
Sample Col At:	Acc. At:	Rep. Time:	07:20 PM 22/06/2023

COMPLETE BLOOD COUNT

TEST	RESULT	UNIT	NORMAL RAG
HEMOGLOBIN	13.0	gm/dl	10 - 16
WBC	7300	$\times 10^3/\text{ul}$	4000 - 11000
POLYMORPH	72	%	40-75 %
LYMPHOCYTE	26	%	20-45 %
EOSINOPHIL	02	%	1-5 %
MONOCYTE	00	%	0-6 %
BASOPHIL	00	%	0-2 %
HCT	41.2	%	34-53 %
TRBC	5.03	Million/C	$3-5.6 \times 10^6/\text{ul}$
PLATELETS	2.30	LACKS/Cu	1.5-4.5
MCV	81.9	Femto	76-96 Femto Lit.
MCH	25.8	Pico gram	27-32 Pico gram
MCHC	31.6	gm/dl	32-36 gm/dl

End of Report

Technologist

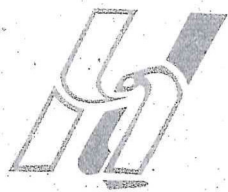
Radiologist



FACILITIES : X-RAY, USG, E.C.G, BLOOD, URINE, STOOL, SEMEN, PREGNANCY TEST, CULTURE ETC.

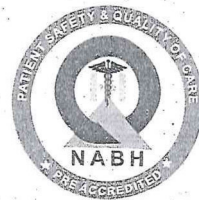
Not : The Above Result Are Subject to Variation Due To Technical Limitation Hence Correlation With Clinical Finding And Other Investigation Should be Done

THIS REPORT IS NOT VALID FOR MEDICO-LEGAL PURPOSE



Kandoi Hospital

Mukundpura Road, Bhankrota, Jaipur Ph. : 0141 - 2250089



Name	: RAJESH NARAYAN	H.R.No.	: 0
Age/Sex	: 37 Y M	Lab No	: 22
Doctor Name	: DR. RAMAN KANDOI	Visit Date	: 22/06/2023
Department	: SELF		
Sample Col At:	Acc. At:	Rep. Time:	

DEPARTMENT OF HAEMATOLOGY

TEST	RESULT	UNIT	NORMAL RAG
ESR	16	mm/hr	0-20
End of Report			

Technologist

Radiologist



Pathologist

FACILITIES : X-RAY, USG, E.C.G, BLOOD, URINE, STOOL, SEMEN, PREGNANCY TEST, CULTURE ETC.

Not : The Above Result Are Subject to Variation Due To Technical Limitation Hence Correlation With Clinical Finding And Other Investigation Should be Done

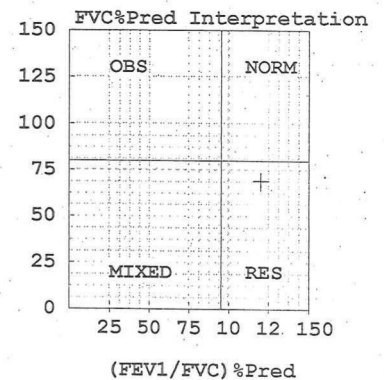
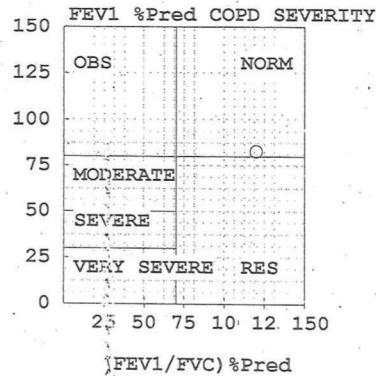
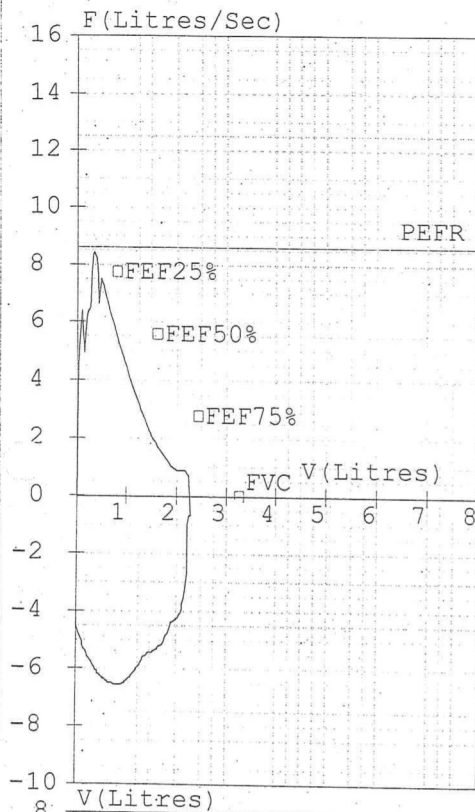
THIS REPORT IS NOT VALID FOR MEDICO-LEGAL PURPOSE

KANDOI HOSPITAL

BHANKROTA JAIPUR

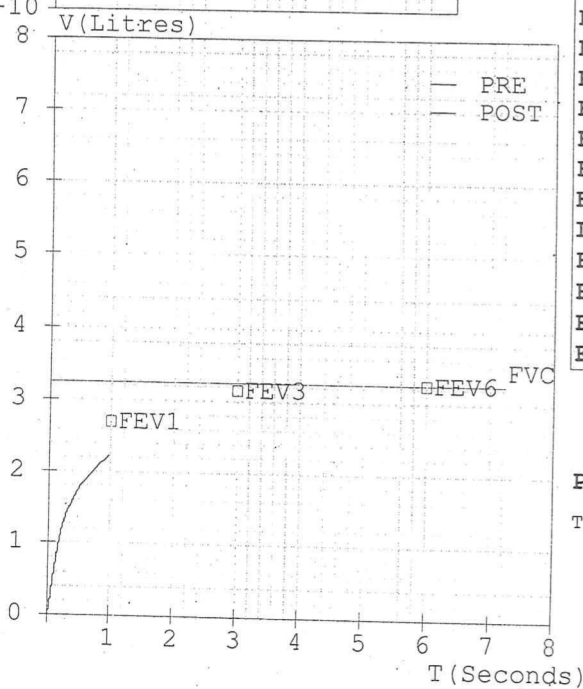
Patient: RAJESH NARAYAN
Refd. By:
Pred.Eqns: RECORDERS
Date : 22-Jun-2023 04:25 PM

Age : 37 Years Gender : Male
Height : 165 Cms Smoker : No
Weight : 57 Kgs Eth. Corr: 100
ID: 410 Temp :



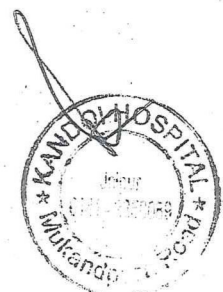
Spirometry (FVC Results)

Parameter	Pred	M.Pre %Pred	M.Post %Pred	%Imp
FVC (L)	03.24	02.24	069	---
FEV1 (L)	02.69	02.24	083	---
FEV1/FVC (%)	83.02	100.00	120	---
FEF25-75 (L/s)	03.98	03.23	081	---
PEFR (L/s)	08.60	08.39	098	---
FIVC (L)	---	02.74	---	---
FEV.5 (L)	---	01.78	---	---
FEV3 (L)	03.14	02.24	071	---
PIFR (L/s)	---	06.53	---	---
FEF75-85 (L/s)	---	01.18	---	---
FEF.2-1.2 (L/s)	06.84	05.47	080	---
FEF 25% (L/s)	07.76	07.00	090	---
FEF 50% (L/s)	05.58	03.78	068	---
FEF 75% (L/s)	02.77	01.55	056	---
FEV.5/FVC (%)	---	79.46	---	---
FEV3/FVC (%)	96.91	100.00	103	---
FET (Sec)	---	01.00	---	---
ExptTime (Sec)	---	00.02	---	---
Lung Age (Yrs)	037	043	116	---
FEV6 (L)	03.24	---	---	---
FIF25% (L/s)	---	06.28	---	---
FIF50% (L/s)	---	06.00	---	---
FIF75% (L/s)	---	01.80	---	---



Pre Test COPD Severity
Test within normal limits

Pre Medication Report Indicates
Mild Restriction as (FEV1/FVC)%Pred >95 and FVC%Pred <80



DR. RAMAN KANDOI

339503400827

GOVERNMENT OF INDIA
MINISTRY OF LABOUR & EMPLOYMENT
CENTRAL LABOUR INSTITUTE
MUMBAI

MEDICAL EXAMINATION FORM OF THE WORKER

S.NO.

DATE 22.06.23

I. Personal Data :

Name Rajesh Narayan Age/Sex 37 y / M
Industry ARL Infotech Ltd Nature of work Supervisor
Contact Details M.ulerwar 300 Baleswar
ORISHA

II. Nature of work:

Loading / Unloading / Storage / Cutting of bags / Charging / Mixing / Filling
/ packing / Handling of Finished Goods / Disposal / Other

III. Family Details:

Married/ Unmarried married No of Family Member 03

IV. Occupational History:

1 Present Occupation / Designation Supervisor
2 Nature work done Supervisor
3 Over time / extra time, if any NA
4 Use of PPE/ Wet method, if any Yes
5 Years of service in present occupation 16 1/2 y
6 History of past Occupational, if any —
7 Total years of asbestos related work 16 1/2 y
8 Para – occupational History of Asbestos exposure, if any —

V. Personal History:

1 Smoking: Duration — No of Cig./Beedi per day —
2 Alcohol: Occasional / Regular — Quantity —
3 Any other addiction, if any —

VI. History of past illness, if any: —

VII. History of present illness, if any : —

VIII. Physical Examination:

A General Examination:

1	Height in Cms.....	165	2	Weight in Kgs.....	57
3	Nutrition.....	Good	4	Lymph nodes.....	NO
5	Pallor.....	NO	6	Anemia.....	NO
7	Cyanosis.....	NO	8	Clubbing.....	NO
9	Skin.....	(P)	10	Oedema.....	NO
11	Pulse.....	76	12	BP.....	120/80

B. Systemic Examination:

1 Respiratory System:

NAD

2 Cardio-vascular System:

NAD

3 GI System:

NAD

IX. Investigation:

1 Pulmonary Function Test:

NAD

A FVC: a. Observed..... b. Predicted.....

B FEV 1: a. Observed..... b. Predicted.....

C. a. Obstructive Index:

b. Restrictive Index:

NAD

2 X-Ray Chest – PA view:

NAD

3. HRCT (if required):

—

X. Clinical Impression:

FIT



(Signature of attending Doctor)

1 [Form No. 30]

(Prescribed Under Rule 100)

SPECIAL CERTIFICATE OF FITNESS



Serial No. _____

Date 10.05.23

I hereby certify that I have personally examined Bhawan Lal Meena son of Sh. Ramlal residing at Appt. 1, Industrial Estate, Jaipur who is desirous of being employed as Worker in the Production and that his age, as nearly as can be ascertained from my examination, is 25 years Years, and he is, in my opinion fit for employment in _____

His descriptive marks are कमल पर चोट का निशान

[Signature]

Signature or left hand thumb

Impression of person employed

[Signature]
Signature of certifying surgeon

(Dr. Anita Gupta)

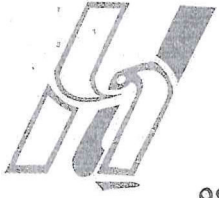
Inspector Factories (Medical)
Factories and Boilers Deptt.
Jaipur

I certify that	I extend this	Signature of	
I examined the	Certificate until	Certifying	Symptoms
Person mentioned		Surgeon	
Above on			

19.5.2023

NIL

1. Substituted vide notification No. F.1 (2) 8 LAB /68 , dated 6.8.1974



कन्दोई हॉस्पिटल

(A unit of Kandoi Health Care Pvt. Ltd.)



98-99, मोहरू विहार, मुकुन्दपुरा रोड, भांकरोटा, अजमेर रोड, जयपुर, फोन 0141 - 2250089

- * डॉ. रमन कन्दोई
MBBS, MS
(लैप्रोस्कोपिक एवं जनरल सर्जन)
- * डॉ. बी. पी. कन्दोई
MBBS, DCH
(नवजात एवं शिशु रोग विशेषज्ञ)
- * डॉ. सुनीता कन्दोई
MBBS
(स्त्री रोग विशेषज्ञ)
- * डॉ. जय श्री
MBBS, DGO (स्त्री रोग विशेषज्ञ)
- * डॉ. ममता खुदेवा
MD (पेथोलोजिस्ट)
- * डॉ. समुन्दर सिंह
MBBS, MS
(हड्डी रोग विशेषज्ञ)
- * डॉ. राघव मेहता
MBBS, MS
(नाक, कान, गला रोग विशेषज्ञ)
- * डॉ. विकास सक्सेना
MBBS, MD
(ICU Specialist)
- * डॉ. अजय गुप्ता
MBBS, DA (Anaesthesia)
- * डॉ. ललित गर्ग
DM (हृदय रोग विशेषज्ञ)
- * डॉ. हरीश कर्वा
MCH (यूरोलोजिस्ट)
- * डॉ. के.के. बंसल
MCH (न्यूरोसर्जन)
- * डॉ. सौरभ कालिया
MCH (GI Surgeon)
- * डॉ. कपिल देव
MCH (Onco Surgeon)
- * डॉ. प्रवीण गुप्ता
MCH (Spine Surgeon)
- * डॉ. सुनील गोयल
MCH (Plastic Surgeon)

Name Bhedu Jal Meena OPD NO. 12
Age 25y Sex Male Date 10/5/23

$BL = \frac{120}{80}$
 $HR = 76/4$
RIF AIF
 $SpO_2 = 98\%$

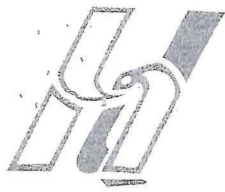
NO H/O Chest Exam - 11
NO H/O Abg Gas
NO H/O Exam
CBC - N/A
X-Ray Chest N/A



सभी तरह के ऑपरेशन
इसकी सुविधा है।

नवजात शिशु हेतु NICU की सुविधा। ICU सुविधा। 24 घंटे आपातकालीन एवं डिलीवरी की सुविधा।

THIS IS NOT VALID FOR MEDICO-LEGAL PURPOSE



Kandoi Hospital

Mukundpura Road, Bhankrota, Jaipur Ph. : 0141 - 2250089



NAME BHERU LAL MEENA

NO 12

Ref. By Dr RAMAN KANDOI

sex male

Date 10/05/2023

Ag 25 year

SPUTUM FOR AFB

MICROBIOLOGY TEST REPORT

TEST :AFB STAIN

SPECIMEN : SPUTUM

RESULT : No acid fast bacilli seen.

****End of report****

Technologist

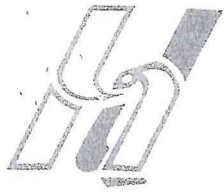
Radiologist



FACILITIES : X-RAY, USG, E.C.G, BLOOD, URINE, STOOL, SEMEN, PREGNANCY TEST, CULTURE ETC.

Not : The Above Result Are Subject to Variation Due To Technical Limitation Hence Correlation With Clinical Finding And Other Investigation Should be Done

THIS REPORT IS NOT VALID FOR MEDICO-LEGAL PURPOSE



Kandoi Hospital

Mukundpura Road, Bhankrota, Jaipur Ph. : 0141 - 2250089



NAME BHERU LAL MEENA

NO 12

Ref. By Dr RAMAN KANDOI

sex male

Date 10/05/2023

Ag 25 year

X- Ray Chest PA View show

Soft tissue and bones cage shadows are normal.

Traches is central in Position,

Cardiac shadow is within normal limits.

Both CP angle are clear.

Both Lung fields are clear.


No sign of Asbestosis

OPINION : - NAD IN HEART AND LUNGS

Please correlate clinically

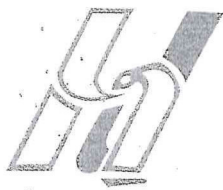

Technologist

Radiologist


Pathologist

FACILITIES : X-RAY, USG, E.C.G, BLOOD, URINE, STOOL, SEMEN, PREGNANCY TEST, CULTURE ETC.

Not : The Above Result Are Subject to Variation Due To Technical Limitation Hence Correlation With Clinical Finding And Other Investigation Should be Done



Kandoi Hospital

Mukundpura Road, Bhankrota, Jaipur Ph. : 0141 - 2250089



NAME BHERU LAL MEENA

NO 12

Ref. By Dr RAMAN KANDOI

sex male

Date 10/05/2023

Ag 25 year

URINE - EXAMINATION

ROUTINE:-

Albumin nil

Sugar nil

Technologist

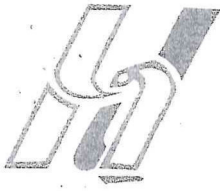
Radiologist

Pathologist

FACILITIES : X-RAY, USG, E.C.G, BLOOD, URINE, STOOL, SEMEN, PREGNANCY TEST, CULTURE ETC.

Not : The Above Result Are Subject to Variation Due To Technical Limitation Hence Correlation With Clinical Finding And Other Investigation Should be Done

THIS REPORT IS NOT VALID FOR MEDICO-LEGAL PURPOSE



Kandoi Hospital

Mukundpura Road, Bhankrota, Jaipur Ph. : 0141 - 2250089



Name	: BHERU LAL MEENA	H.R.No.	: 0
Age/Sex	: 25 Y M	Lab No	: 12
Doctor Name	: DR. RAMAN KANDOI	Visit Date	: 10/05/2023
Department	: SELF		
Sample Col At:	Acc. At:	Rep. Time: 09:09 PM	10/05/2023

COMPLETE BLOOD COUNT

TEST	RESULT	UNIT	NORMAL RAG
HEMOGLOBIN	13.3	gm/dl	10 - 16
WBC	10400	$\times 10^3/\text{ul}$	4000 - 11000
POLYMORPH	80	%	40-75 %
LYMPHOCYTE	19	%	20-45 %
EOSINOPHIL	01	%	1-5 %
MONOCYTE	00	%	0-6 %
BASOPHIL	00	%	0-2 %
HCT	42.4	%	34-53 %
TRBC	4.53	Million/C	$3-5.6 \times 10^6/\text{ul}$
PLATELETS	2,30	LACKS/Cu	1.5-4.5
MCV	93.6	Femto	76-96 Femto Lit.
MCH	29.4	Pico gram	27-32 Pico gram
MCHC	31.4	gm/dl	32-36 gm/dl

End of Report

Technologist

Radiologist

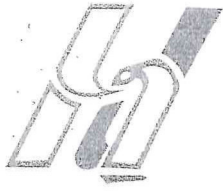


Pathologist

FACILITIES : X-RAY, USG, E.C.G, BLOOD, URINE, STOOL, SEMEN, PREGNANCY TEST, CULTURE ETC.

Not : The Above Result Are Subject to Variation Due To Technical Limitation Hence Correlation With Clinical Finding And Other Investigation Should be Done

THIS REPORT IS NOT VALID FOR MEDICO-LEGAL PURPOSE



Kandoi Hospital

Mukundpura Road, Bhankrota, Jaipur Ph. : 0141 - 2250089



Name : BHERU LAL MEENA

H.R.No. : 0

Age/Sex : 25 Y M

Lab No : 12

Doctor Name : DR. RAMAN KANDOI

Visit Date: 10/05/2023

Department : SELF

Sample Col At:

Acc. At:

Rep. Time:

DEPARTMENT OF HAEMATOLOGY

TEST	RESULT	UNIT	NORMAL RAG
ESR	18	mm/hr	0-20
End of Report			

Technologist

Radiologist



FACILITIES : X-RAY, USG, E.C.G, BLOOD, URINE, STOOL, SEMEN, PREGNANCY TEST, CULTURE ETC.

Not : The Above Result Are Subject to Variation Due To Technical Limitation Hence Correlation With Clinical Finding And Other Investigation Should be Done

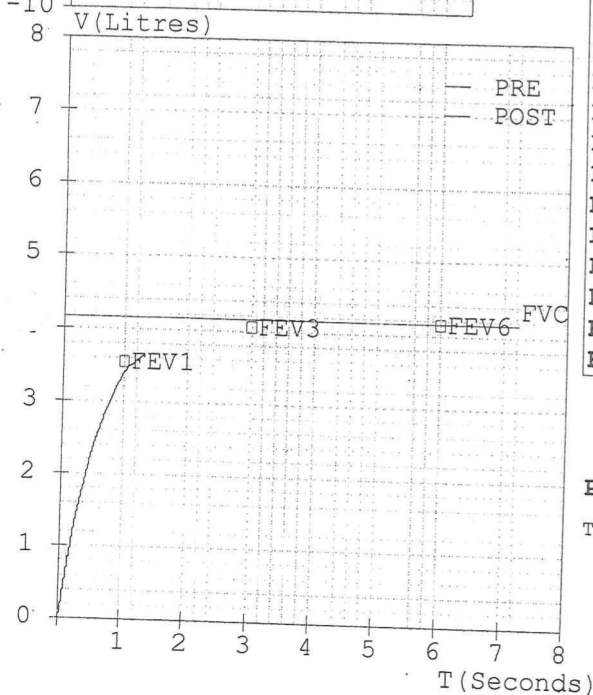
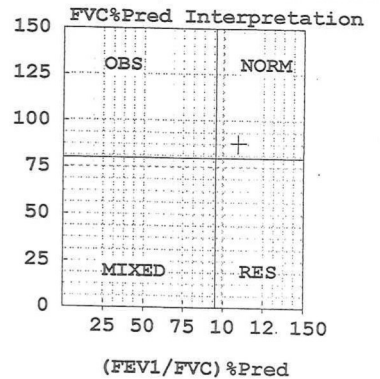
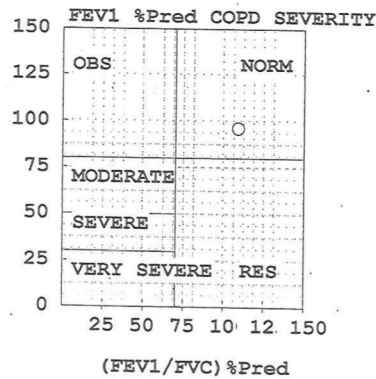
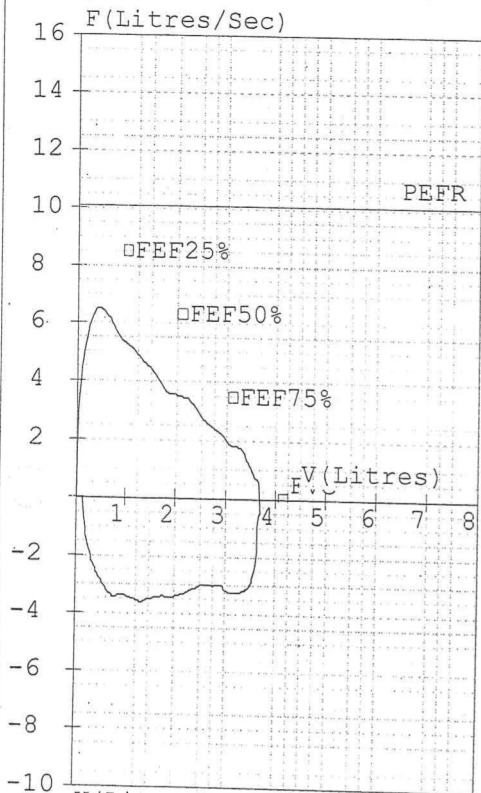
THIS REPORT IS NOT VALID FOR MEDICO-LEGAL PURPOSE

KANDOI HOSPITAL

BHANKROTA JAIPUR

Patient: BHERU LAL MEENA
Refd. By:
Pred.Eqns: RECORDERS
Date : 10-May-2023 03:24 PM

Age : 25 Years Gender : Male
Height : 180 Cms Smoker : No
Weight : 56 Kgs Eth. Corr: 100
ID: 357 Temp :



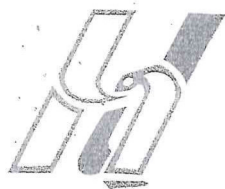
Parameter	Pred	M.Pre	%Pred	M.Post	%Pred	%Imp
FVC (L)	04.16	03.67	088	-----	---	---
FEV1 (L)	03.54	03.41	096	-----	---	---
FEV1/FVC (%)	85.10	92.92	109	-----	---	---
FEF25-75 (L/s)	04.80	03.60	075	-----	---	---
PEFR (L/s)	10.08	06.44	064	-----	---	---
FIVC (L)	-----	03.54	---	-----	---	---
FEV.5 (L)	-----	02.33	---	-----	---	---
FEV3 (L)	04.04	03.67	091	-----	---	---
PIFR (L/s)	-----	03.57	---	-----	---	---
FEF75-85 (L/s)	-----	02.04	---	-----	---	---
FEF.2-1.2 (L/s)	08.42	05.69	068	-----	---	---
FEF 25% (L/s)	08.53	05.37	063	-----	---	---
FEF 50% (L/s)	06.33	03.57	056	-----	---	---
FEF 75% (L/s)	03.48	02.37	068	-----	---	---
FEV.5/FVC (%)	-----	63.49	---	-----	---	---
FEV3/FVC (%)	97.12	100.00	103	-----	---	---
FET (Sec)	-----	01.34	---	-----	---	---
ExptTime (Sec)	-----	00.06	---	-----	---	---
Lung Age (Yrs)	025	026	104	-----	---	---
FEV6 (L)	04.16	-----	---	-----	---	---
FIF25% (L/s)	-----	02.99	---	-----	---	---
FIF50% (L/s)	-----	03.35	---	-----	---	---
FIF75% (L/s)	-----	03.45	---	-----	---	---

Pre Test COPD Severity
Test within normal limits

Pre Medication Report Indicates
Early Small Airway Obstruction as FEF 25-75 %Pred or PEFr %Pred < 70
Spirometry within normal limits as (FEV1/FVC) %Pred > 95 and FVC %Pred > 80.



DR RAMAN KANDOI



Kandoi Hospital

Mukundpura Road, Bhankrota, Jaipur Ph. : 0141 - 2250089



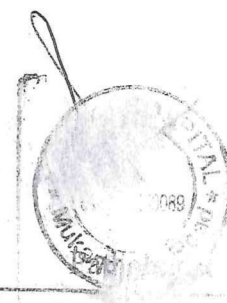
Name	: BHERU LAL MEENA	H.R.No.	: 0
Age/Sex	: 25 Y M	Lab No	: 12
Doctor Name	: DR.RAMAN KANDOI	Visit Date	: 10/05/2023
Department	: SELF		
Sample Col At:	Acc. At:	Rep.Time:	

DEPARTMENT OF HAEMATOLOGY

TEST	RESULT	UNIT	NORMAL RAG
ESR	18	mm/hr	0-20
End of Report			

Technologist

Radiologist



TESTS : X-RAY, USG, E.C.G, BLOOD, URINE, STOOL, SEMEN, PREGNANCY TEST, CULTURE

Above Result Are Subject to Variation Due To Technical Limitation Hence Correlation With Clinical Finding And Other Investigation Should be Done

THIS REPORT IS NOT VALID FOR MEDICO-LEGAL PURPOSE

GOVERNMENT OF INDIA
MINISTRY OF LABOUR & EMPLOYMENT
CENTRAL LABOUR INSTITUTE
MUMBAI

MEDICAL EXAMINATION FORM OF THE WORKER

S.NO.

DATE 10.05.23

I. Personal Data :

Name Bhenu Lal Meena Age/Sex 25 / M.
Industry ABT. Industries Ltd. Pipe Nature of work Worker
Contact Details Satima tonra BUNDI
Rajasthan 323025

II. Nature of work:

Loading / Unloading / Storage / Cutting of bags / Charging / Mixing / Filling
/ packing / Handling of Finished Goods / Disposal / Other

III. Family Details:

☒ Married / ☐ Unmarried M No of Family Member 03

IV. Occupational History:

1 Present Occupation / Designation Worker
2 Nature work done Worker
3 Over time / extra time, if any —
4 Use of PPE/ Wet method, if any yes
5 Years of service in present occupation 4 years
6 History of past Occupational, if any —
7 Total years of asbestos related work 4 years
8 Para – occupational History of Asbestos exposure, if any —

V. Personal History:

1 Smoking: Duration — No of Cig./Beedi per day —
2 Alcohol: Occasional / Regular — Quantity —
3 Any other addiction, if any —

VI. History of past illness, if any: —

VII. History of present illness, if any : —

VIII. Physical Examination:

A General Examination:

1	Height in Cms.....	180	2	Weight in Kgs.....	56
3	Nutrition	Good	4	Lymph nodes.....	No
5	Pallor	No	6	Anemia.....	No
7	Cyanosis	No	8	Clubbing	No
9	Skin	Good	10	Oedema	No
11	Pulse.....	76	12	BP	120/80

B. Systemic Examination:

1 Respiratory System:

NAD

2 Cardio-vascular System:

NAD

3 GI System:

NAD

IX. Investigation:

1 Pulmonary Function Test: NORMAL limit

A FVC: a. Observed..... b. Predicted.....

B FEV 1: a. Observed..... b. Predicted.....

C. a. Obstructive Index: NAD
b. Restrictive Index:

2 X-Ray Chest – PA view:

NAD

3. HRCT (if required): —

X. Clinical Impression:

FIT



(Signature of attending Doctor)

1 [Form No. 30]

(Prescribed Under Rule 100)

SPECIAL CERTIFICATE OF FITNESS



Serial No. _____

Date 10.05.23

I hereby certify that I have personally examined Narash Kumar Munia son of Sh. Sohan Lal residing at Plot 7, Industrial Area, Jaipur who is desirous of being employed as Worker in the Production and that his age, as nearly as can be ascertained from my examination, is 29 Years, and he is, in my opinion fit for employment in _____

His descriptive marks are Injury mark on nose

Dr. Anita
Signature or left hand thumb

Impression of person employed

Aut
Signature of certifying surgeon

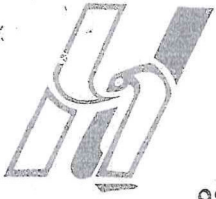
(Dr. Anita Gupta)
Inspector Factories (Medical)
Factories and Boilers Deptt.
Jaipur

I certify that	I extend this	Signature of	
I examined the	Certificate until	Certifying	Symptoms
Person mentioned		Surgeon	
Above on			

10.5.2023

NIL

1. Substituted vide notification No. F.1 (2) 8 LAB /68 , dated 6.8.1974



कन्दोई हॉस्पिटल

(A unit of Kandoi Health Care Pvt. Ltd.)



98-99, मोहरू विहार, मुकुन्दपुरा रोड़, भांकरोटा, अजमेर रोड़, जयपुर, फोन 0141 - 2250089

- * डॉ. रमन कन्दोई
MBBS, MS
(लैप्रोस्कोपिक एवं जनरल सर्जन)
- * डॉ. बी. पी. कन्दोई
MBBS, DCH
(नवजात एवं शिशु रोग विशेषज्ञ)
- * डॉ. सुनीता कन्दोई
MBBS
(स्त्री रोग विशेषज्ञ)
- * डॉ. जय श्री
MBBS, DGO (स्त्री रोग विशेषज्ञ)
- * डॉ. यमता खुदेवा
MD (पेथोलोजिस्ट)
- * डॉ. समुन्दर सिंह
MBBS, MS
(हड्डी रोग विशेषज्ञ)
- * डॉ. राघव मेहता
MBBS, MS
(नाक, कान, गला रोग विशेषज्ञ)
- * डॉ. विकास सक्सेना
MBBS, MD
(ICU Specialist)
- * डॉ. अजय गुप्ता
MBBS, DA (Anaesthesia)
- * डॉ. ललित गर्ग
DM (हृदय रोग विशेषज्ञ)
- * डॉ. हरीश कर्वा
MCH (यूरोलोजिस्ट)
- * डॉ. के.के. बंसल
MCH (न्यूरोसर्जन)
- * डॉ. सौरभ कालिया
MCH (GI Surgeon)
- * डॉ. कपिल देव
MCH (Onco Surgeon)
- * डॉ. प्रवीण गुप्ता
MCH (Spine Surgeon)
- * डॉ. सुनील गोयल
MCH (Plastic Surgeon)

Name Nayesh Kumar Mehta DPD NO. 10

Age 29y Sex Male Date 10/5/23

$$BI = \frac{130}{85}$$

Wt 78 kg

Temp 38.1

SpO2 = 98%

NO H/O Cough & Cold - 19

NO H/O Fever

NO H/O Any Cough

CBC - NAD

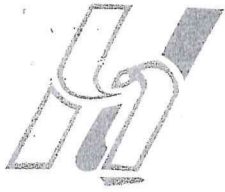
X-Ray Chest NAD



सभी तरह के ऑपरेशन
दरबान से करने की
सुविधा।

नवजात शिशु हेतु NICU की सुविधा। ICU सुविधा। 24 घंटे आपातकालीन एवं डिलीवरी की सुविधा।

THIS IS NOT VALID FOR MEDICO-LEGAL PURPOSE



Kandoi Hospital

Mukundpura Road, Bhankrota, Jaipur Ph. : 0141 - 2250089



NAME NARESH KUMAR MEENA

NO 10

Ref. By Dr RAMAN KANDOI

sex male

Date 10/05/2023

Ag 29 year

SPUTUM FOR AFB

MICROBIOLOGY TEST REPORT

TEST :AFB STAIN

SPECIMEN : SPUTUM

RESULT : No acid fast bacilli seen.

****End of report****

Technologist

Radiologist

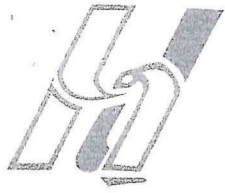


Pathologist

FACILITIES : X-RAY, USG, E.C.G, BLOOD, URINE, STOOL, SEMEN, PREGNANCY TEST, CULTURE ETC.

Not : The Above Result Are Subject to Variation Due To Technical Limitation Hence Correlation With Clinical Finding And Other Investigation Should be Done

THIS REPORT IS NOT VALID FOR MEDICO-LEGAL PURPOSE



Kandoi Hospital

Mukundpura Road, Bhankrota, Jaipur Ph. : 0141 - 2250089



NAME NARESH KUMAR MEENA

NO 10

Ref. By Dr RAMAN KANDOI

sex male

Date 10/05/2023

Ag 29 year

X- Ray Chest PA View show

Soft tissue and bones cage shadows are normal.

Traches is central in Position.

Cardiac shadow is within normal limits.

Both CP angle are clear.

Both Lung fields are clear.

No sign of Asbestosis

OPINION : - NAD IN HEART AND LUNGS

Please correlate clinically



Technologist

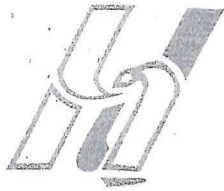
Radiologist

Pathologist

FACILITIES : X-RAY, USG, E.C.G, BLOOD, URINE, STOOL, SEMEN, PREGNANCY TEST, CULTURE ETC.

Not : The Above Result Are Subject to Variation Due To Technical Limitation Hence Correlation With Clinical Finding And Other Investigation Should be Done

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Kandoi Hospital

Mukundpura Road, Bhankrota, Jaipur Ph. : 0141 - 2250089



NAME NARESH KUMAR MEENA

NO 10

Ref. By Dr RAMAN KANDOI

sex male

Date 10/05/2023

Ag 29 year

URINE - EXAMINATION

ROUTINE:-

Albumin nil

Sugar nil

Technologist

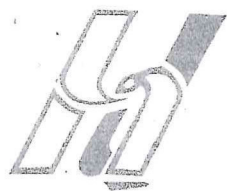
Radiologist

Pathologist

FACILITIES : X-RAY, USG, E.C.G, BLOOD, URINE, STOOL, SEMEN, PREGNANCY TEST, CULTURE ETC.

Not : The Above Result Are Subject to Variation Due To Technical Limitation Hence Correlation With Clinical Finding And Other Investigation Should be Done

THIS REPORT IS NOT VALID FOR MEDICO-LEGAL PURPOSE



Kandoi Hospital

Mukundpura Road, Bhankrota, Jaipur Ph. : 0141 - 2250089



Name : NARESH KUMAR MEENA

H.R.No. : 0

Age/Sex : 29 Y M

Lab No : 10

Doctor Name : DR. RAMAN KANDOI

Visit Date: 10/05/2023

Department : SELF

Sample Col At:

Acc. At:

Rep. Time: 09:07 PM

10/05/2023

COMPLETE BLOOD COUNT

TEST	RESULT	UNIT	NORMAL RAG
HEMOGLOBIN	12.3	gm/dl	10 - 16
WBC	6900	$\times 10^3/\text{ul}$	4000 - 11000
POLYMORPH	69	%	40-75 %
LYMPHOCYTE	30	%	20-45 %
EOSINOPHIL	01	%	1-5 %
MONOCYTE	00	%	0-6 %
BASOPHIL	00	%	0-2 %
HCT	40.8	%	34-53 %
TRBC	4.34	Million/C	$3-5.6 \times 10^6/\text{ul}$
PLATELETS	1.62	LACKS/Cu	1.5-4.5
MCV	94.0	Femto	76-96 Femto Lit.
MCH	28.3	Pico gram	27-32 Pico gram
MCHC	30.1	gm/dl	32-36 gm/dl

End of Report

Technologist

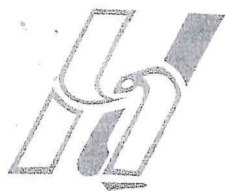
Radiologist

Pathologist

FACILITIES : X-RAY, USG, E.C.G, BLOOD, URINE, STOOL, SEMEN, PREGNANCY TEST, CULTURE ETC.

Not : The Above Result Are Subject to Variation Due To Technical Limitation Hence Correlation With Clinical Finding And Other Investigation Should be Done

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Kandoi Hospital

Mukundpura Road, Bhankrota, Jaipur Ph. : 0141 - 2250089



Name	: NARESH KUMAR MEENA	H.R.No.	: 0
Age/Sex	: 29 Y M	Lab No	: 10
Doctor Name	: DR. RAMAN KANDOI	Visit Date	: 10/05/2023
Department	: SELF		
Sample Col At:	Acc. At:	Rep. Time:	

DEPARTMENT OF HAEMATOLOGY

TEST	RESULT	UNIT	NORMAL RAG
ESR	10	mm/hr	0-20
End of Report			

Technologist

Radiologist

Pathologist



FACILITIES : X-RAY, USG, E.C.G, BLOOD, URINE, STOOL, SEMEN, PREGNANCY TEST, CULTURE ETC.

Not : The Above Result Are Subject to Variation Due To Technical Limitation Hence Correlation With Clinical Finding And Other Investigation Should be Done

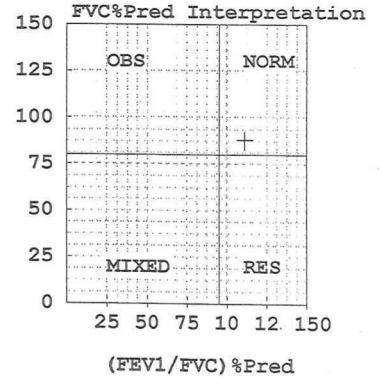
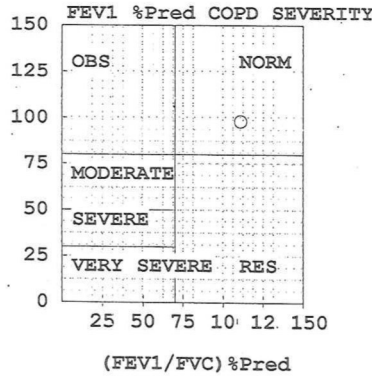
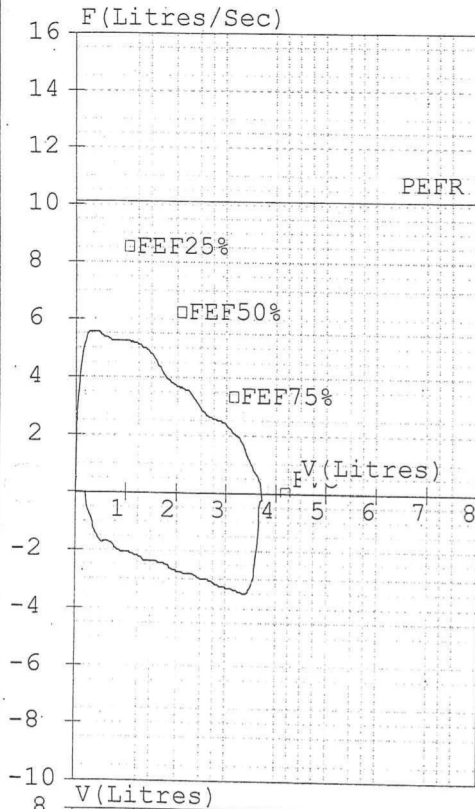
THIS REPORT IS NOT VALID FOR MEDICO-LEGAL PURPOSE

KANDOI HOSPITAL

BHANKROTA JAIPUR

Patient: NARESH KUMAR MEENA
Refd. By:
Pred.Eqns: RECORDERS
Date : 10-May-2023 03:19 PM

Age : 29 Years Gender : Male
Height : 182 Cms Smoker : No
Weight : 72 Kgs Eth. Corr: 100
ID: 355 Temp :



Spirometry (FVC Results)

Parameter	Pred	M.Pre %Pred	M.Post %Pred	%Imp
FVC (L)	04.20	03.70	088	---
FEV1 (L)	03.54	03.46	098	---
FEV1/FVC (%)	84.29	93.51	111	---
FEF25-75 (L/s)	04.66	03.79	081	---
PEFR (L/s)	10.09	05.53	055	---
FIVC (L)	---	03.50	---	---
FEV.5 (L)	---	02.33	---	---
FEV3 (L)	04.08	03.70	091	---
PIFR (L/s)	---	03.45	---	---
FEF75-85 (L/s)	---	02.28	---	---
FEF.2-1.2 (L/s)	08.25	05.25	064	---
FEF 25% (L/s)	08.52	05.21	061	---
FEF 50% (L/s)	06.26	03.87	062	---
FEF 75% (L/s)	03.34	02.52	075	---
FEV.5/FVC (%)	---	62.97	---	---
FEV3/FVC (%)	97.14	100.00	103	---
FET (Sec)	---	01.42	---	---
ExptTime (Sec)	---	00.05	---	---
Lung Age (Yrs)	029	030	103	---
FEV6 (L)	04.20	---	---	---
FIF25% (L/s)	---	03.29	---	---
FIF50% (L/s)	---	02.76	---	---
FIF75% (L/s)	---	02.22	---	---

Pre Test COPD Severity

Test within normal limits

Pre Medication Report Indicates

Early Small Airway Obstruction as FEF 25-75 %Pred or PEFR %Pred < 70
Spirometry within normal limits as (FEV1/FVC)%Pred >95 and FVC%Pred >80.



DR RAMAN KANDOI

GOVERNMENT OF INDIA
MINISTRY OF LABOUR & EMPLOYMENT
CENTRAL LABOUR INSTITUTE
MUMBAI

MEDICAL EXAMINATION FORM OF THE WORKER

S.NO.

DATE 10-05-23

I. Personal Data :

Name Narash Kumar Mung Age/Sex 29 / M
Industry Pr. Int. ch. Id. Bk Nature of work Worker
Contact Details Kali Dungei Tonkera Bundi
Rajasthan

II. Nature of work:

Loading / Unloading / Storage / Cutting of bags / Charging / Mixing / Filling
/ packing / Handling of Finished Goods / Disposal / Other

III. Family Details:

Married / Unmarried M. No of Family Member 04

IV. Occupational History:

1 Present Occupation / Designation WORKER
2 Nature work done WORKER
3 Over time / extra time, if any —
4 Use of PPE/ Wet method, if any yes
5 Years of service in present occupation 4 years
6 History of past Occupational, if any —
7 Total years of asbestos related work 4 years
8 Para – occupational History of Asbestos exposure, if any —

V. Personal History:

1 Smoking: Duration — No of Cig./Beedi per day —
2 Alcohol: Occasional / Regular — Quantity —
3 Any other addiction, if any —

VI. History of past illness, if any:

VII. History of present illness, if any :

VIII. Physical Examination:

A General Examination:

1	Height in Cms. 182	2	Weight in Kgs. 72
3	Nutrition Good	4	Lymph nodes NO
5	Pallor NO	6	Anemia NO
7	Cyanosis NO	8	Clubbing NO
9	Skin (N)	10	Oedema NO
11	Pulse 78	12	BP 130/80

B. Systemic Examination:

1 Respiratory System:

NAD

2 Cardio-vascular System:

NAD

3 GI System:

NAD

IX. Investigation:

1 Pulmonary Function Test:

NAD sent

A FVC: a. Observed..... b. Predicted.....

B FEV 1: a. Observed..... b. Predicted.....

C. a. Obstructive Index: | NAD
b. Restrictive Index:

2 X-Ray Chest – PA view:

NAD

3. HRCT (if required): —

X. Clinical Impression:

PIT



(Signature of attending Doctor)

Project	: Asbestos and Non asbestos Cement Sheets & Pressure Pipe manufacturing unit	Compliance Report of the conditions laid in the Environmental Clearance from April 2023- Sept. 2023
Promoter	: ARL Infratech Ltd.	

ANNEXURE VIII

Copy of Insurance under PLI act

	Gaurang Environmental Solutions Pvt. Ltd.	
	Report Ref : GESPL_215(A)/2023-24/Certified Compliance/232	Rev No. 02

PUBLIC LIABILITY INSURANCE
(UNDER PUBLIC LIABILITY INSURANCE ACT 1991)

PREAMBLE: ICICI Lombard General Insurance Company Limited ("the Company"), having received a Proposal and the premium from the Proposer named in the Schedule referred to herein below, and the said Proposal and Declaration together with any statement, report or other document leading to the issue of this Policy and referred to therein having been accepted and agreed to by the Company and the Proposer as the basis of this contract do, by this Policy agree, in consideration of and subject to the due receipt of the subsequent premiums, as set out in the Schedule with all its Parts, and further, subject to the terms and conditions contained in this Policy, as set out in the Schedule with all its Parts that on proof to the satisfaction of the Company of the compensation having become payable as set out in Part I of the Schedule to the title of the said person or persons claiming payment or upon the happening of an event upon which one or more benefits become payable under this Policy, the Sum Insured/ appropriate benefit will be paid by the company.

PART 1 OF SCHEDULE



250823585233-SHREE
NANDAN-64309-1



3004204872410

Name of the Insured	ARL INFRATECH LTD	Policy No.	4007/303508289/00/000
Mailing Address of the Insured	AKSHAT HOUSE A 27 13 A, KANTI CHANDRA ROAD, BANI PARK, JAIPUR, RAJASTHAN-302001	Policy Period	Aug 18, 2023 00:00 hours to Aug 17, 2024 23:59 hours
Trade or Business of the Insured	ASBESTOS CEMENT SHEET AND PIPE MANUFACTURER	Issued at	Mumbai
Address of Premises Insured	Number of locations: 1	Compulsory Excess (each & every claim)(₹)	Nil
Retroactive date	<ul style="list-style-type: none">As per expiring public liability policy subject to evidence of retroactive cover ORAs on the inception of the ILGIC Policy for fresh policy purchase	Total Premium (₹) (including GST)	54,645.00
Special conditions	Policy shall stand cancelled ab initio in the event of non-realization of the premium		


Politically Exposed Person (PEP)/close relative of PEP:

No

Limit of Indemnity (₹)	Aggregate One Year (AOY) (₹)	1,00,00,002.00
	Any One Accident(AOA) (₹)	33,33,334.00

GSTIN Reg. No	IL GSTIN Address	The stamp duty of ₹ 0.5 paid in cash or by demand draft or by pay order, vide Receipt No. / Challan No. CSD6142023662 dated Feb 20, 2023
08AAACI7904G1ZN	Unit No.1003 To 1008, 10Th Floor, Signature Towers, Dc 2, Lal Kothi Scheme ,District Shopping Center ,Tonk Road, Jaipur, Rajasthan-302001	

Intermediary Details					
Intermediary ID	201401235068	Intermediary Name	BLUE UMBRELLA RISK MANAGEMENT AND INSURANCE BROKERS PRIVATE LIMITED	Contact Details	9314506308/

 Authorised Signatory	Signed for and on behalf of the ICICI Lombard General Insurance Company Limited, at Mumbai on this date .				
	Description of services : General Insurance Business				
	HSN/SAC : 997139/GENERAL INSURANCE SERVICES				

ICICI Lombard General Insurance Company Limited

IRDA Reg. No. 115

Mailing Address:

ICICI Lombard General Insurance Company Limited, Interface Building No.: 16, 601 / 602, 6th Floor, New Link Road, Malad (West), Mumbai - 400 064

CIN: L67200MH2000PLC129408

Registered Office:

ICICI Lombard House, 414 Veer Savarkar Marg, Near Siddhi Vinayak Temple, Prabhadevi, Mumbai - 400 025.

Toll free no.: 1800 2666

Alternate No.: +918655 222 666 (chargeable)

Email : customersupport@icicilombard.com

Website : www.icicilombard.com

Policy Number : 4007/303508289/00/000

UIN : IRDAN115CP0014V01201920

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PART II OF SCHEDULE

(1) Definitions

For the purpose of this policy, the following terms shall have the meaning as set forth hereunder:

- i. "Act" unless otherwise specifically mentioned shall mean the Public Liability Insurance Act 1991 as amended from time to time.
- ii. "Accident" means an accident involving a fortuitous, sudden or unintentional occurrence while handling any hazardous substance resulting in continuous, intermittent or repeated exposure to death of, or injury to any person or damage to any property but does not include an accident by reason only of war or radioactivity.
- iii. "Handling" in relation to any hazardous substance means the manufacture, processing, treatment, package, storage, transportation by vehicle, use, collection, destruction, conversion, offering for sale, transfer or the like of such hazardous substance.
- iv. "Hazardous Substance" and group means any substance or preparation which is defined as hazardous substance under the Public Liability Insurance Act, 1991 and the Rules framed there under
- v. "Owner" or "Insured" means a person who owns, or has control over handling of any hazardous substance at the time of accident and includes:
 - a. in the case of a firm, any of its partners
 - b. in the case of an association, any of its members, and
 - c. in the case of a company, any of its directors, managers, secretaries or other officers who is directly in charge of, and is responsible to the company for the conduct of the business of the company
- vi. "Turnover" shall mean
 - a. In case of Manufacturing Units - Entire annual gross sales turnover including all levies and taxes of manufacturing units handling hazardous substance as defined in the Public Liability Insurance Act, 1991. For the purpose of this insurance, the term "Units" shall mean all operations being carried out in the manufacturing complex in one location.
 - b. In case of Godowns/ Warehouse Owners - Total annual rental receipts of premises handling hazardous substance as defined in the Public Liability Insurance Act, 1991.
 - c. In case of Transport Operators - Total annual freight receipts
 - d. In all other cases - Total annual gross receipts

(2) Scope of Cover

The Company hereby agrees, subject to the terms, conditions and exclusions herein contained or endorsed or otherwise expressed herein, to indemnify the Insured or Owner as defined above for the purpose of this policy against the statutory liability arising out of Accidents occurring during the currency of the Policy due to handling of hazardous substances as provided for in the Act as defined above, and the Rules framed there under.

(3) Exclusions

The Company shall not be liable:

- i. For any willful or intentional non-compliance of any statutory requirements;
- ii. In respect of fines, penalties, punitive and/or exemplary damages;
- iii. Under any law or legislation except in so far as provided for in Section 8 (1) & 8 (2) of the Act;
- iv. In respect of damage to property owned, leased or hired or under hire purchase or on loan to the Insured or otherwise in the Insured Owner's control, care or custody;
- v. For any liability directly or indirectly occasioned by, happening through or in consequence of war, invasion, act of foreign enemy, hostilities (whether war be declared or not) civil war, rebellion, revolution, insurrection or military or usurped power;
- vi. For any liability directly or indirectly caused by or contributed to by:
 - a. Ionizing radiation or contamination by radioactivity from any nuclear fuel or from any nuclear waste from the combustion of nuclear fuel.
 - b. The radioactive, toxic, explosive or other hazardous properties of any explosive nuclear assembly or nuclear component thereof;
- vii. For matter outside the scope of Public Liability Insurance Act, 1991.
- viii. In respect of losses/liability arising outside India.

(4) Basis of Assessment of Claims

- i. The basis of assessment of claim shall be the award given by the appropriate authority under the Act.
- ii. Claim Procedures: The procedure for lodging the claim shall be as under:
 - a. On the occurrence of any Accident, whether or not the Insured receives any notice of an alleged claim/ complaint, the Insured shall duly inform the Company in the manner prescribed in the 'Incident Reporting Form', detailing the Accident.
 - b. The Insured shall, upon receipt of any notice of an alleged claim/ complaint from appropriate authority, forthwith furnish the same to the Company in the manner detailed in the 'Claim Application Form'. The insured shall also furnish the copies of such documents, as prescribed by the rules, which are submitted and forwarded by the appropriate authority and/or any proposed responses, if any, by the Insured to the appropriate authorities.

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ICICI Lombard General Insurance Company Limited

IRDA Reg. No. 115

CIN: L67200MH2000PLC129408

Registered Office:

ICICI Lombard General Insurance Company Limited, ICICI Lombard House, 414 Veer Savarkar Marg, Near Siddhi Vinayak Interface Building No.: 16, 601 / 602, 6th Floor, New Link Road, Malad (West), Mumbai - 400 064

Registered Office:

Temple, Prabhadevi, Mumbai - 400 025.

Toll free no.: 1800 2666

Alternate No.: +918655 222 666 (chargeable)

Email : customersupport@icicilombard.com

Website : www.icicilombard.com

Policy Number : 4007/303508289/00/000

UIN : IRDAN115CP0014V01201920

- c. Upon the affixing of any legal liability upon the Insured in terms of an award of the appropriate authority, the Insured shall forthwith submit a duly filled 'Claim Settlement Form', detailing the liability accrued and the Defence Costs, if any together with any other information that the Company may require or as specified in the 'Claim Settlement Form'.
- d. The Insured shall also at all times at his own expense produce, procure and give to the Company all such further particulars, plans, specifications, books, vouchers, invoices, duplicates or copies thereof, documents, investigation reports (internal/external), proofs, evidence and information with respect to the claim (verified by statutory declaration, if so required) and the origin and cause of the loss and the circumstances under which the loss or damage occurred, and any matter touching the liability or the amount of the liability of the Company as may be reasonably required by or on behalf of the Company together with a declaration on oath or in other legal form of the truth of the claim and of any matters connected therewith.
- e. Subject to applicable law, rule, regulation or notification in this behalf, the Company hereby reserves the right as provided hereafter:

No claim in respect of loss equal to or exceeding twenty thousand rupees in value on the policy shall be admitted for payment or settled by the Company unless the Company has been given a report on the occurrence of the loss and extent of the loss, from a person who holds a license to act as a Surveyor or loss assessor, under the Insurance Act, 1938, and appointed by the company for the purpose.

Provided that nothing hereinabove shall be deemed to take away or abridge the right of the Company to pay or to settle any claim at any amount different from the amount assessed by the Surveyor or loss assessor.

- f. The Insured shall furnish the forms duly completed together with:
- all material documents, as specified therein or as requested by the Company or otherwise;
 - particulars of all other insurances, if any

No claim under this policy shall be payable unless the terms of this condition have been complied with

Pandemics/epidemics Exclusion:

Notwithstanding any provision to the contrary, this insurance excludes any loss, damage, liability, expense, fines, penalties or any other amount directly or indirectly caused by, in connection with, or in any way involving or arising out of any of the following - including any fear or threat thereof, whether actual or perceived - :

- Any infectious/ contagious disease, virus, bacterium or other microorganism (whether asymptomatic or not); or
- Coronavirus (COVID-19) including any mutation or variation thereof; or

- Pandemic or epidemic, as declared as such by the World Health Organization or any governmental authority.

If the insurer advises that, by reason of this exclusion, any amount is not covered by this agreement, the burden of proving the contrary shall rest on the insured.

(5) Limitation Period

In no case whatsoever shall the Company be liable for any claim for relief made after the expiry of 5 years from the date of occurrence of the Accident.

(6) Policy Related Terms And Conditions

- No admission, offer, promise or payment shall be made or given by or on behalf of the Insured under this policy without the written consent of the Company.
- The Insured shall keep a record of their Turnover. The Company shall at all times have full rights to call for and examine such records.
- In case the Company pays any amount to the claimant due to any statutory provision, such amount shall be recoverable from the Insured, if such amount need not have been paid but for the said statutory provision

PART III OF THE SCHEDULE

Standard Terms and Conditions

1. Incontestability and Duty of Disclosure

The policy shall be null and void and no benefit shall be payable in the event of untrue or incorrect statements, misrepresentation, incorrect description or non-disclosure in any material particular in the proposal form, personal statement, declaration and connected documents, or any material information having been withheld, or a claim being fraudulent or any fraudulent means or devices being used by the Insured or any one acting on his behalf to obtain any benefit under this policy

2. Reasonable Care

The Insured shall take all reasonable steps to safeguard the interests of the Insured against accidental loss, or damage that may give rise to the claim

3. Observance of terms and conditions

The due observance and fulfillment of the terms, conditions and endorsement of this policy in so far as they relate to anything to be done or complied with by the Insured, shall be a condition precedent to any liability of the Company to make any payment under this policy

4. Material change

State of Uttaranchal and the following Districts of Uttar Pradesh: Agra, Aligarh, Bagpat, Bareilly, Bijnor, Budaun, Bulandshehar, Etah, Kanooj, Mainpuri, Mathura, Meerut, Moradabad, Muzaffarnagar, Oraiyya, Pilibhit, Etawah, Farrukhabad, Firozbad, Gautambodhanagar, Ghaziabad, Hardoi, Shahjahanpur, Hapur, Shamli, Rampur, Kashganj, Sambhal, Amroha, Hathras, Kanshiramnagar, Saharanpur.	Office of the Insurance Ombudsman, 4th Floor, Bhagwan Sahai Palace, Main Road, Naya Bans, Sector-15, NOIDA - 201301. Tel: 0120-2514250/51/53 Email: bimalokpal.noida@gbic.co.in
Bihar, Jharkhand.	Office of the Insurance Ombudsman, 1st Floor, Kalpana Arcade Building, Bazar Samiti Road, Bahadurpur, PATNA - 800006 Tel No: 0612-2680952 Email id: bimalokpal.patna@gbic.co.in.

The updated details of Insurance Ombudsman are available on IRDA website: www.irdaindia.org, on the website of General Insurance Council: www.generalinsurancecouncil.org.in, Insurer's website www.icicilombard.com or can be obtained from any of Insurer's offices

ICICI Lombard General Insurance Company Limited

IRDA Reg. No. 115
CIN: L67200MH2000PLC129408
Mailing Address: ICICI Lombard General Insurance Company Limited, ICICI Lombard House, 414 Veer Savarkar Marg, Near Siddhi Vinayak Interface Building No.: 16, 601 / 602, 6th Floor, New Link Road, Malad (West), Mumbai - 400 064

Registered Office: Temple, Prabhadevi, Mumbai - 400 025.

Toll free no.: 1800 2666
Alternate No.: +918655 222 666 (chargeable)
Email: customersupport@icicilombard.com
Website: www.icicilombard.com

Policy Number : 4007/303508289/00/000
UIN : IRDAN115CP0014V01201920

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Policy Number : 4007/303508289/00/000
UIN : IRDAN115CP0014V01201920

	312), Anna Salai, Teynampet, CHENNAI-600 018. Tel:- 044-24333668 /24335284 Fax: 044-24333664 Email: bimalokpal.chennai@gbic.co.in
Delhi.	Office of the Insurance Ombudsman, 2/2 A, Universal Insurance Bldg., Asaf Ali Road, NEW DELHI-110 002. Tel:- 011-23234057/23232037 Fax: 011-23230858 Email: bimalokpal.delhi@gbic.co.in
Assam, Meghalaya, Manipur, Mizoram, Arunachal Pradesh, Nagaland and Tripura	Office of the Insurance Ombudsman, "Jeevan Nivesh", 5th Floor, S.S. Road, GUWAHATI-781 001. Tel:- 0361-2132204/5 Fax: 0361-2732937 Email: bimalokpal.guwahati@gbic.co.in
Andhra Pradesh, Telangana, Yanam and part of Territory of Pondicherry.	Office of the Insurance Ombudsman, 6-2-46, 1st Floor, Moin Court, A.C. Guards, Lakdi-Ka-Pool, HYDERABAD-500 004. Tel: 040-65504123/23312122 Fax: 040-23376599 Email: bimalokpal.hyperabad@gbic.co.in
Kerala, Lakshadweep, Mahe-a part of Pondicherry.	Office of the Insurance Ombudsman, 2nd Floor, CC 27/2603, Pulinat Bldg., M.G. Road, ERNAKULAM-682 015. Tel: 0484-2358759/2359338 Fax: 0484-2359336 Email: bimalokpal.ernakulam@gbic.co.in
West Bengal, Sikkim, Andaman & Nicobar Islands	Office of the Insurance Ombudsman, Hindustan Building. Annexe, 4th Floor, C.R.Avenue, KOLKATA - 700072 Tel No: 033-22124339/ 22124346 Fax: 22124341 Email: bimalokpal.kolkata@gbic.co.in

Districts of Uttar Pradesh : Laitpur, Jhansi, Mahoba, Hamirpur, Banda, Chitrakoot, Allahabad, Mirzapur, Sonbhadra, Fatehpur, Pratapgarh, Jaunpur, Varanasi, Gazipur, Jalaun, Kanpur, Lucknow, Unnao, Sitapur, Lakhimpur, Bahraich, Barabanki, Raebareli, Sravasti, Gonda, Faizabad, Amethi, Kaushambi, Balrampur, Basti, Ambedkarnagar, Sultanpur, Maharajgang, Santkabirnagar, Azamgarh, Kushinagar, Gorkhpur, Deoria, Mau, Ghazipur, Chandauli, Ballia, Sidharathnagar.	Office of the Insurance Ombudsman, Jeevan Bhawan, Phase-2, 6th Floor, Nawal Kishore Road, Hazaratganj, LUCKNOW-226 001. Tel: 0522 -2231331/2231330 Fax: 0522-2231310 Email: bimalokpal.lucknow@gbic.co.in
Goa, Mumbai Metropolitan Region excluding Navi Mumbai & Thane.	Office of the Insurance Ombudsman, 3rd Floor, Jeevan Seva Annexe, S.V. Road, Santacruz(W), MUMBAI-400 054. Tel: 022-26106960/26106552 Fax: 022-26106052 Email: bimalokpal.mumbai@gbic.co.in
Rajasthan.	Office of the Insurance Ombudsman, Ground Floor, Jeevan Nidhi II, Bhawani Singh Road, JAIPUR - 302005. Tel: 0141-2740363 Email: bimalokpal.jaipur@gbic.co.in
Maharashtra, Area of Navi Mumbai and Thane excluding Mumbai Metropolitan Region.	Office of the Insurance Ombudsman, 3rd Floor, Jeevan Darshan, N.C. Kelkar Road, Narayanpet PUNE - 411030. Tel: 020-32341320 Email: Bimalokpal.pune@gbic.co.in
Karnataka.	Office of the Insurance Ombudsman, 24th Main Road, Jeevan Soudha Bldg., JP Nagar, 1st Phase, Ground Floor BENGALURU - 560025. Tel No: 080-26652049/26652048 Email: bimalokpal.bengaluru@gbic.co.in

The Insured shall immediately notify the Company by fax and in writing of any material change in the risk and cause at his own expense such additional precautions to be taken as circumstances may require to ensure safe operation of the Insured items or trade or business practices thereby containing the circumstances that may give rise to the claim and the Company may, adjust the scope of cover and/or premium, if necessary, accordingly

5. Records to be maintained

The Insured shall keep an accurate record containing all relevant particulars and shall allow the Company to inspect such record. The Insured shall within one month after the expiry of each period of insurance furnish such information as the Company may require

6. No constructive Notice

Any of the circumstances in relation to these conditions coming to the knowledge of any official of the Company shall not be the notice to or be held to bind or prejudicially affect the Company notwithstanding subsequent acceptance of any premium

7. Notice of charge etc

The Company shall not be bound to notice or be affected by any notice of any trust, charge, lien, assignment or other dealing with or relating to this policy but the receipt of the Insured or his legal personal representative shall in all cases be an effectual discharge to the company

8. Special Provisions

Any special provisions subject to which this policy has been entered into and endorsed in the policy or in any separate instrument shall be deemed to be part of this policy and shall have effect accordingly

9. Overriding effect of Part II of the Schedule

The terms and conditions contained herein and in Part II of the Schedule shall be deemed to form part of the policy and shall be read as if they are specifically incorporated herein; however, in case of any inconsistency of any term and condition with the scope of cover contained in Part II of the Schedule, then the term(s) and condition(s) contained herein shall be read mutatis mutandis with the scope of cover/terms and conditions contained in Part II of the Schedule and shall be deemed to be modified accordingly or superseded in case of inconsistency being irreconcilable

10. Electronic Transactions

The Insured agrees to adhere to and comply with all such terms and conditions as the Company may prescribe from time to time, and hereby agrees and confirms that all transactions effected by or through facilities for conducting remote transactions including the Internet, World Wide Web, electronic data interchange, call centers, teleservice operations (whether voice, video, data or combination thereof) or by means of electronic, computer, automated machines network or through other means of telecommunication, established by or on behalf of the Company, for and in respect of the policy or its terms, or the Company's other products and services, shall constitute legally binding and valid transactions when done in adherence to and in compliance with the Company's terms and conditions for such facilities, as may be prescribed from time to time. The Insured agrees that the Company may exchange, share or part with any information to or with other ICICI Group Companies or any other person in connection with the Policy, as may be determined by the Company and shall not hold the Company liable for such use/application

11. Duties of the Insured on occurrence of loss

On the occurrence of any loss, within the scope of cover under the policy the Insured shall:

- Forthwith file/submit a Claim Form in accordance with Claim Procedure Clause as provided in Part II of the Schedule.
- Allow the Surveyor or any agent of the Company to inspect the lost/ damaged properties/ premises/ goods or any other material items, as per the Right to Inspect Clause as provided in this Part.
- Assist and not hinder or prevent the Company or any of its agents in pursuance of their duties under Rights of the Company On Happening Of Loss Or Damage Clause as provided in this Part.
- Not abandon the insured property/item/premises, nor take any steps to rectify/remedy the damage before the same has been approved by the Company or any of its agents or the Surveyor.

If the Insured does not comply with the provisions of this Clause or other obligations cast upon the Insured under this policy, in terms of the other clauses referred to herein or in terms of the other clauses in any of the policy documents, all benefits under the policy shall be forfeited, at the option of the Company

12. Rights of the Company on happening of loss or damage

On the happening of loss or damage, or circumstances that have given rise to a claim under this policy, the Company may:

- enter and/or take possession of the insured property, where the loss or damage has happened
- take possession of or require to be delivered to it any property of the Insured in the building or on the premises at the time of the loss or damage

ICICI Lombard General Insurance Company Limited

IRDA Reg. No. 115
Mailing Address:
 ICICI Lombard General Insurance Company Limited, ICICI Lombard House, 414 Veer Savarkar Marg, Near Siddhi Vinayak Interface Building No.: 16, 601 / 602, 6th Floor, New Link Road, Malad (West), Mumbai - 400 064

CIN: L67200MH2000PLC129408
Registered Office:
 Temple, Prabhadevi, Mumbai - 400 025.

Toll free no.: 1800 2666
Alternate No.: +918655 222 666 (chargeable)
Email: customersupport@icicilombard.com
Website: www.icicilombard.com

Policy Number : 4007/303508289/00/000
 UIN : IRDAN115CP0014V01201920

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 ICICI Lombard General Insurance Company Limited, ICICI Lombard House, 414 Veer Savarkar Marg, Near Siddhi Vinayak Interface Building No.: 16, 601 / 602, 6th Floor, New Link Road, Malad (West), Mumbai - 400 064

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 UIN : IRDAN115CP0014V01201920

3. keep possession of any such property and examine, sort, arrange, remove or other wise deal with the same; and,
4. sell any such property or dispose of the same for account of whom it may concern.

The powers conferred by this condition shall be exercisable by the Company at any time until notice in writing is given by the Insured that he makes no claim under the policy, or if any claim is made, until such claim is finally determined or withdrawn. The Company shall not by any act done in the exercise or purported exercise of its powers hereunder incur any liability to the Insured or diminish its rights to rely upon any of the conditions of this policy in answer to any claim.

If the insured or any person on his behalf shall not comply with the requirement of the Company, or shall hinder or obstruct the Company in the exercise of the powers hereunder, all benefits under the policy shall be forfeited at the option of the Company

13. Right to inspect

If required by the Company, an agent/representative of the Company including a loss assessor or a Surveyor appointed in that behalf shall in case of any loss or any circumstances that have given rise to the claim to the Insured be permitted at all reasonable times to examine into the circumstances of such loss. The Insured shall on being required so to do by the Company produce all books of accounts, receipts, documents relating to or containing entries relating to the loss or such circumstance in his possession and furnish copies of or extracts from such of them as may be required by the Company so far as they relate to such claims or will in any way assist the Company to ascertain in the correctness thereof or the liability of the Company under the policy

14. Position after a claim

The Insured shall not be entitled to abandon any insured item/property whether the Company has taken possession of the same or not. As from the day of receipt of the claim amount by the Insured as determined by the Company to be fit and proper, the Sum Insured for the remainder of the period of Insurance shall stand reduced by the amount of the compensation

15. Subrogation

In the event of payment under this policy, the Company shall be subrogated to all the Insured's rights or recovery thereof against any person or organisation, and the Insured shall execute and deliver instruments and papers necessary to secure such rights.

The Insured and any claimant under this policy shall at the expense of the Company do and concur in doing and permit to be done, all such acts and things as may be necessary or required by the Company, before or after Insured's indemnification, in enforcing or endorsing any rights or remedies, or of obtaining relief or indemnity, to which the Company shall be or would become entitled or subrogated

16. Contribution
If at the time of the happening of any loss or damage covered by this policy, there shall be existing any other insurance of any nature whatsoever covering the same, whether effected by the Insured or not, then the Company shall not be liable to pay or contribute more than its ratable proportion of any loss or damage

17. Fraudulent claims

If any claim is in any respect fraudulent, or if any false statement, or declaration is made or used in support thereof, or if any fraudulent means or devices are used by the Insured or anyone acting on his behalf to obtain any benefit under this policy, or if a claim is made and rejected and no court action or suit is commenced within twelve months after such rejection or, in case of arbitration taking place as provided therein, within twelve (12) calendar months after the Arbitrator or Arbitrators have made their award, all benefits under this policy shall be forfeited

18. Cancellation/termination

The Company may at any time, cancel this policy, by giving 30 days notice in writing by Registered post/Acknowledgement Due post to the Insured at his last known address in which case the Company shall be liable to repay on demand a rateable proportion of the premium for the unexpired term from the date of the cancellation. The Insured may also give 30 days notice in writing, to the Company, for the cancellation of this policy, in which case the Company shall cancel the policy from the date of receipt of notice and retain the premium for the period this policy has been in force at the Company's short period scales

19. Cause of Action/ Currency for payments

No Claims shall be payable under this policy unless the cause of action arises in India, unless otherwise specifically provided in Part II of the Schedule to this policy. All claims shall be payable in India in Indian Rupees only

20. Policy Disputes

Any dispute concerning the interpretation of the terms, conditions, limitations and/or exclusions contained herein is understood and agreed to by both the Insured and the Company to be subject to Indian Law. Each party agrees to submit to the exclusive jurisdiction of the High Court of Mumbai and to comply with all requirements necessary to give such Court the jurisdiction. All matters arising hereunder shall be determined in accordance with the law and practice of such Court

21. Renewal notice

The Company shall not be bound to accept any renewal premium nor give notice that such is due. Every renewal premium (which shall be paid and accepted in respect of this policy) shall be so paid and accepted upon the distinct understanding that no alteration has taken place in the facts contained in the proposal or declaration herein before mentioned and that nothing is known to the Insured that may result to enhance the risk of the company under the guarantee hereby given. No renewal receipt shall be valid unless it is on the printed form of the Company and signed by an authorized official of the Company

22. Notices

Any notice, direction or instruction given under this policy shall be in writing and delivered by hand, speed/registered post or courier to
In case of the Insured, at the address specified in Part 1 of the Schedule.
In case of the Company:
ICICI Lombard General Insurance Company Limited
Corporate Office: ICICI LOMBARD HOUSE, 414 VEER SAVARKAR MARG, PRABHADEVI, MUMBAI-400025.
Notice and instructions will be deemed served 7 days after posting or immediately upon receipt in the case of hand delivery, facsimile or e-mail

23. Customer Service

If at any time the Insured requires any clarification or assistance, the Insured may contact the offices of the Company at the address specified, during normal business hours

24. Grievances

In case You are aggrieved in any way, You should do the following

- i. For resolution of any query or grievance, Insured may contact the respective branch office of The Company or may call us at toll free no. 1800 2666 or email us at customersupport@icicilombard.com or write to us at

ICICI Lombard General Insurance Company Ltd.
ICICI Lombard House,
414, Veer Savarkar Marg,
Near Siddhi Vinayak Temple,
Prabhadevi, Mumbai- 400025

- ii. If you are not satisfied with the resolution provided, you may approach us at the sub section "Grievance Redressal" on our website www.icicilombard.com (Customer Support section)
- iii. In case Your complaint is not fully addressed by the insurer, You may use the Integrated Greivance Management System (IGMS) for escalating the complaint to IRDA. Through IGMS You can register your complain online and track its status. For registration please visit IRDA website www.irda.gov.in. If the issue still remains unresolved, You may, subject to vested jurisdiction, approach Insurance Ombudsman for the redressal of the grievance.

Jurisdiction of Office Union Territory, District	Ombudsman office
Gujarat, Dadra & Nagar Haveli, Daman and Diu.	Office of the Insurance Ombudsman, 2nd Floor, Ambica House, Ashram Rd, AHMEDABAD-380 014. Tel.:- 079-27545441/27546840 Fax: 079-27546142 Email: bimalokpal.ahmedabad@gbic.co.in
Madhya Pradesh Chattisgarh.	Office of the Insurance Ombudsman, 2nd Floor, Janak Vihar Complex, 6, Malviya Nagar, BHOPAL-462 003. Tel.:- 0755-2769201/9202 Fax: 0755-2769203 Email: bimalokpal.bhopal@gbic.co.in
Orissa	Office of the Insurance Ombudsman, 62, Forest Park, BHUBANESHWAR - 751 009. Tel.:- 0674-2596455/ 2596003 Fax: 0674-2596429 Email: bimalokpal.bhubaneswar@gbic.co.in
Punjab, Haryana, Himachal Pradesh, Jammu & Kashmir, Chandigarh.	Office of the Insurance Ombudsman, SCO No. 101-103,2nd Floor, Batra Building, Sector 17-D, CHANDIGARH-160 017. Tel.:- 0172-2706468/2772101 Fax: 0172-2708274 Email: bimalokpal.chandigarh@gbic.co.in
Tamil Nadu, Pondicherry Town and Karaikal (which are part of Pondicherry)	Office of the Insurance Ombudsman, Fathima Akhtar Court, 4th Floor, 453 (old

ICICI Lombard General Insurance Company Limited

IRDA Reg. No. 115
Mailing Address: ICICI Lombard General Insurance Company Limited, ICICI Lombard House, 414 Veer Savarkar Marg, Near Siddhi Vinayak Temple, Prabhadevi, Mumbai - 400 064

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CIN: L67200MH2000PLC129408
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Policy Number : 4007/303508289/00/000
UIN : IRDAN115CP0014V01201920

Project	: Asbestos and Non asbestos Cement Sheets & Pressure Pipe manufacturing unit	Compliance Report of the conditions laid in the Environmental Clearance from April 2023- Sept. 2023
Promoter	: ARL Infratech Ltd.	

ANNEXURE IX

Photographs showing RWH Structures

	Gaurang Environmental Solutions Pvt. Ltd.	
	Report Ref : GESPL_215(A)/2023-24/Certified Compliance/232	Rev No. 02

Project : Asbestos and Non asbestos Cement Sheets & Pressure Pipe manufacturing unit
Promoter : ARL Infratech Limited

Annexure IX



Photographs showing RWH Structures



Gaurang Environmental Solutions Pvt. Ltd.

Report Ref : GESPL_215(A)/2023-24/Compliance/232

Rev No. 02

Project	: Asbestos and Non asbestos Cement Sheets & Pressure Pipe manufacturing unit	Compliance Report of the conditions laid in the Environmental Clearance from April 2023- Sept. 2023
Promoter	: ARL Infratech Ltd.	

ANNEXURE X

Photographs showing for PM monitoring Structure

	Gaurang Environmental Solutions Pvt. Ltd.	
	Report Ref : GESPL_215(A)/2023-24/Certified Compliance/232	Rev No. 02

Project : Asbestos and Non asbestos Cement Sheets &
Pressure Pipe manufacturing unit

Promoter : ARL Infratech Limited

Annexure X



Photographs showing CAAQS for PM monitoring

	Gaurang Environmental Solutions Pvt. Ltd.	
	Report Ref : GESPL_215(A)/2023-24/Compliance/232	Rev No. 02

Project	: Asbestos and Non asbestos Cement Sheets & Pressure Pipe manufacturing unit	Compliance Report of the conditions laid in the Environmental Clearance from April 2023- Sept. 2023
Promoter	: ARL Infratech Ltd.	

ANNEXURE XI

Photographs showing Air Pollution Control Devices

	Gaurang Environmental Solutions Pvt. Ltd.	
	Report Ref : GESPL_215(A)/2023-24/Certified Compliance/232	Rev No. 02

Project : Asbestos and Non asbestos Cement Sheets & Pressure Pipe manufacturing unit

Annexure XI

Promoter : ARL Infratech Limited



Hood & suction arrangement



Gaurang Environmental Solutions Pvt. Ltd.

Report Ref : GESPL_215(A)/2023-24/Compliance/232

Rev No. 02

Project : Asbestos and Non asbestos Cement Sheets & Pressure Pipe manufacturing unit

Annexure XI

Promoter : ARL Infratech Limited



Dust collectors-Mill area



Gaurang Environmental Solutions Pvt. Ltd.

Report Ref : GESPL_215(A)/2023-24/Compliance/232

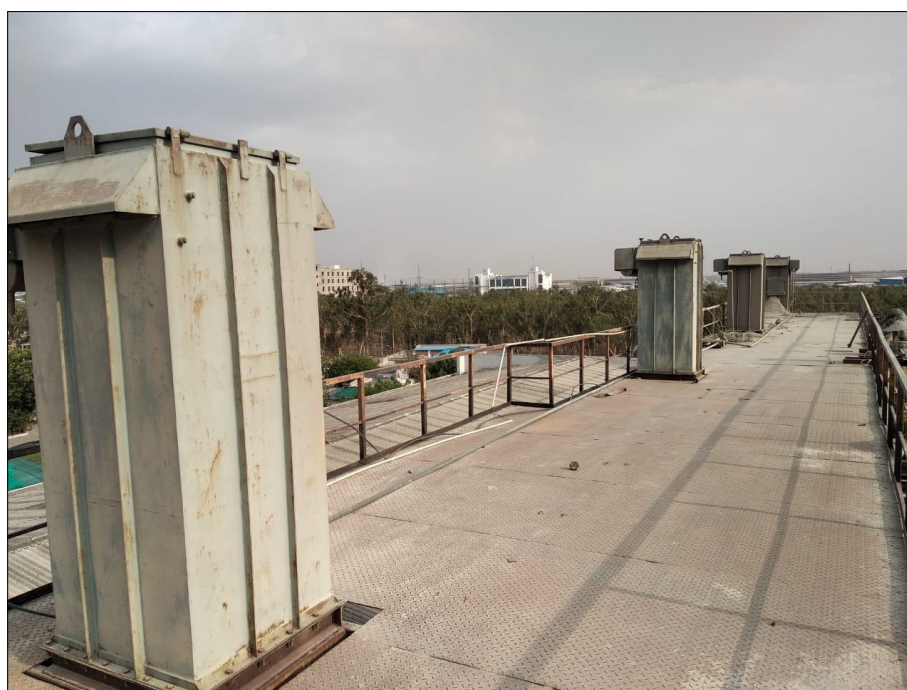
Rev No. 02

Project : Asbestos and Non asbestos Cement Sheets &
Pressure Pipe manufacturing unit
Promoter : ARL Infratech Limited

Annexure XI



Fully enclosed fiber conveyors



Photographs showing Silo dust collectors



Gaurang Environmental Solutions Pvt. Ltd.

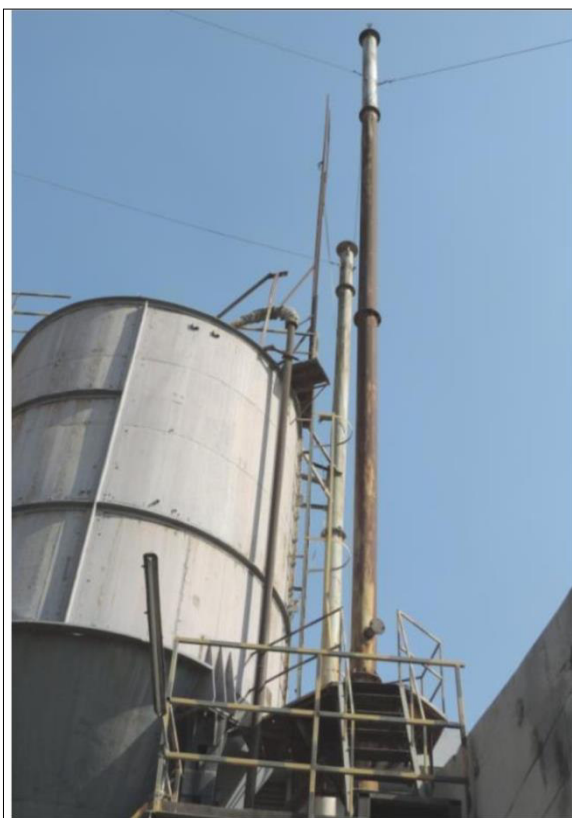
Report Ref : GESPL_215(A)/2023-24/Compliance/232

Rev No. 02

Project : Asbestos and Non asbestos Cement Sheets & Pressure Pipe manufacturing unit

Annexure XI

Promoter : ARL Infratech Limited



Photographs showing Stacks attached to Process



Gaurang Environmental Solutions Pvt. Ltd.

Report Ref : GESPL_215(A)/2023-24/Compliance/232

Rev No. 02

Project : Asbestos and Non asbestos Cement Sheets & Pressure Pipe manufacturing unit
Promoter : ARL Infratech Limited

Annexure XI



Fly ash transportation in closed tankers



Gaurang Environmental Solutions Pvt. Ltd.

Report Ref : GESPL_215(A)/2023-24/Compliance/232

Rev No. 02

Project	: Asbestos and Non asbestos Cement Sheets & Pressure Pipe manufacturing unit	Compliance Report of the conditions laid in the Environmental Clearance from April 2023- Sept. 2023
Promoter	: ARL Infratech Ltd.	

ANNEXURE XII

Photographs showing Bag Shredder & Automatic Debagger

	Gaurang Environmental Solutions Pvt. Ltd.	
	Report Ref : GESPL_215(A)/2023-24/Certified Compliance/232	Rev No. 02

Project : Asbestos and Non asbestos Cement Sheets &
Pressure Pipe manufacturing unit
Promoter : ARL Infratech Limited

Annexure XII



Photographs showing Automatic Debagger



Gaurang Environmental Solutions Pvt. Ltd.

Report Ref : GESPL_215(A)/2023-24/Compliance/232

Rev No. 02

Project	: Asbestos and Non asbestos Cement Sheets & Pressure Pipe manufacturing unit
Promoter	: ARL Infratech Limited

Annexure XII



Photographs showing Bag shredder



Gaurang Environmental Solutions Pvt. Ltd.

Report Ref : GESPL_215(A)/2023-24/Compliance/232

Rev No. 02

Project	: Asbestos and Non asbestos Cement Sheets & Pressure Pipe manufacturing unit	Compliance Report of the conditions laid in the Environmental Clearance from April 2023- Sept. 2023
Promoter	: ARL Infratech Ltd.	

ANNEXURE XIII

Photographs showing use of vacuum cleaners

	Gaurang Environmental Solutions Pvt. Ltd.	
	Report Ref : GESPL_215(A)/2023-24/Certified Compliance/232	Rev No. 02

Project : Asbestos and Non asbestos Cement Sheets & Pressure Pipe manufacturing unit
Promoter : ARL Infratech Limited

Annexure XIII



Photographs showing Industrial Vacuum cleaner in use

	Gaurang Environmental Solutions Pvt. Ltd.	
	Report Ref : GESPL_215(A)/2023-24/Compliance/232	Rev No. 02

Project	: Asbestos and Non asbestos Cement Sheets & Pressure Pipe manufacturing unit	Compliance Report of the conditions laid in the Environmental Clearance from April 2023- Sept. 2023
Promoter	: ARL Infratech Ltd.	

ANNEXURE XIV

Photographs showing trucks parking area
within premises

	Gaurang Environmental Solutions Pvt. Ltd.	
	Report Ref : GESPL_215(A)/2023-24/Certified Compliance/232	Rev No. 02

Project : Asbestos and Non asbestos Cement Sheets &
Pressure Pipe manufacturing unit
Promoter : ARL Infratech Limited

Annexure XIV



Photographs showing trucks parking area within premises

	Gaurang Environmental Solutions Pvt. Ltd.	
	Report Ref : GESPL_215(A)/2023-24/Compliance/232	Rev No. 02

Project	: Asbestos and Non asbestos Cement Sheets & Pressure Pipe manufacturing unit	Compliance Report of the conditions laid in the Environmental Clearance from April 2023- Sept. 2023
Promoter	: ARL Infratech Ltd.	

ANNEXURE XV

Photographs showing Asbestos bags storage area

	Gaurang Environmental Solutions Pvt. Ltd.	
	Report Ref : GESPL_215(A)/2023-24/Certified Compliance/232	Rev No. 02

Project : Asbestos and Non asbestos Cement Sheets & Pressure Pipe manufacturing unit

Annexure XV

Promoter : ARL Infratech Limited



Photographs showing pressure-packed and shrink-wrapped

Chrysotile Asbestos fibre bags on pallets



Gaurang Environmental Solutions Pvt. Ltd.

Report Ref : GESPL_215(A)/2023-24/Compliance/232

Rev No. 02

Project	: Asbestos and Non asbestos Cement Sheets & Pressure Pipe manufacturing unit	Compliance Report of the conditions laid in the Environmental Clearance from April 2023- Sept. 2023
Promoter	: ARL Infratech Ltd.	

ANNEXURE XVI

Photographs showing Transportation of Cement and fly ash

	Gaurang Environmental Solutions Pvt. Ltd.	
	Report Ref : GESPL_215(A)/2023-24/Certified Compliance/232	Rev No. 02

Project : Asbestos and Non asbestos Cement Sheets & Pressure Pipe manufacturing unit
Promoter : ARL Infratech Limited

Annexure XVI



Photographs showing closed vehicles used for transportation of cement and fly ash



Gaurang Environmental Solutions Pvt. Ltd.


Report Ref : GESPL_215(A)/2023-24/Compliance/232

Rev No. 02

Project	: Asbestos and Non asbestos Cement Sheets & Pressure Pipe manufacturing unit	Compliance Report of the conditions laid in the Environmental Clearance from April 2023- Sept. 2023
Promoter	: ARL Infratech Ltd.	

ANNEXURE XVII a

Copy of Communication with UCCI for membership

	Gaurang Environmental Solutions Pvt. Ltd.	
	Report Ref : GESPL_215(A)/2023-24/Certified Compliance/232	Rev No. 02



ARL - HO <arl@arlinfratech.com>

[General Notice] Reminder_HWM Membership Renewal Fee_FY 2022-23

ARL - HO <arl@arlinfratech.com>
To: uccisec@ucciudaipur.com

Fri, Dec 9, 2022 at 2:32 PM

Dear Sir,

We have transferred a sum of Rs. 1180/- through NEFT in your a/c towards Renewal of Membership for the year 2022-23.

You are requested to please send us the Invoice for our accounting purpose.

with regards

Jagdish

On Thu, Dec 8, 2022 at 4:38 PM UCCI <info@uccidaipur.com> wrote:

Dear Pramod Jain,

Greetings!

This is to gently remind you regarding the renewal of your Hazardous Waste Management Facility (HWMF) Membership with UCCI for the Financial Year 2022-23.

The Annual HWMF Membership Renewal fee is Rs.1000 plus 18% GST i.e. Rs. 1180/- and can be paid directly from the UCCI portal by entering your membership number on the link mentioned below

<https://ucciudaipur.com/hwmmembership/>

The office order regarding membership renewal is enclosed herewith for your kind reference and record. Please renew at the earliest to avoid any inconvenience later.

Best Regards

Team UCCI



P.S - Please ignore this mail if you've already renewed your membership for the current financial year.



ARL Infratech Ltd.

"AKSHAT HOUSE", A-27/13A, KANTI CHANDRA ROAD,
BANI PARK, JAIPUR - 302 016 (Rajasthan)

TEL. NO. :+91-141-6604777

WEBSITE: www.arlinfratech.com



UDAIPUR CHAMBER OF.pdf

87K



Transaction Details Report

Date 23 AUG 2022 03:08:44

BANIPARK
HDFC BANK LTD,
C-25, UPASANA RESIDENCY,
JAI SINGH HIGHWAY, BANIPARK,

ARL INFRATECH LIMITED
AKSHAT HOUSE
A2713 A
KANTI CHANDRA ROAD BANI PARK

Account No.	New Account No.	Booking Date	Credit Amount	Debit Amount	Value Date	Ref/Chq NO
50200041638593	50200041638593	19/08/2022		1,180.00	19/08/2022	N231222084733058
Transaction Description						
UDAIPUR CHAMBER OF						

Page : 1 of 1

*** End of Report ***

[Print](#)[Close](#)



ARL - HO <arl@arlinfratech.com>

[General Notice] HWM membership Renewal Fee

ARL - HO <arl@arlinfratech.com>

Sat, Feb 13, 2021 at 10:25 AM

To: uccisec@hotmail.com, ucciudaipur@gmail.com

Dear Sir,

With reference to your email dated 24.11.2020, we have deposited a sum of Rs. 2,360/- including GST through E-net Banking in your a/c No 3566000100100226 vide UTR No. N043211406181676 dt. 12.02.2021 towards renewal fee for the F.Y. 2019-20 and F.Y. 2020-21.

Kindly acknowledge the same and send us the receipt of the same.

with regards

Naresh Raisinghani

Mob. 9829023234

[Quoted text hidden]

--

**ARL INFRATECH LTD.**

"AKSHAT HOUSE",

A-27/13A, KANTI CHANDRA ROAD,

BANI PARK, JAIPUR - 302 016 (Rajasthan)

TEL. NO. :+91-141-6604777

FAX NO. :+91-141-6604799

WEBSITE: www.arlinfratech.com





ARL - HO <arl@arlinfratech.com>

[General Notice] HWM membership Renewal Fee

UCCI <ucciudaipur@gmail.com>
Reply-To: uccisec@hotmail.com
To: arl@arlinfratech.com

Tue, Nov 24, 2020 at 11:54 PM

Dear Pramod Jain,

Kindly refer to our Circular letter No.UCCI/HWM/Mem-Fee/2019-20/107 dated 19-09-2019 for renewal of HWM membership. All members of HWM are required to pay an Annual Renewal Fee of **Rs. 1000/- + 18% GST per annum.**

Members having HWM membership before 31st March 2019 has to pay Renewal Fee for F.Y. 2019-20 and for F.Y. 2020-21 i.e. Rs 2,000/- + 18% GST whereas Members who have taken HWM membership between period 1st April 2019 to 31st March 2020 has to pay Renewal Fee for F.Y. 2020-21 only i.e. Rs 1,000/- + 18% GST

Further, HWM members having Turnover less than 5 Crore are required to pay Rs. 500/- + 18% GST per year only for which member needs to submit Turnover Certificate from CA to UCCI along with renewal fee amount.

Please use the following bank details :

Account Holder Name : UDAIPUR CHAMBER OF COMMERCE & INDUSTRY

Bank Name & Address : Punjab National Bank, Madri Industrial Area, Udaipur

Bank Account Number : 3566000100100226

RTGS/NEFT IFS Code : PUNB0356600

We request you to please remit the fee within 15 days for continued services from UCCI.

Best regards,

Dr. Anshu Kothari

Hony. Secretary General



Office Order.pdf

272K



UDAIPUR CHAMBER OF COMMERCE & INDUSTRY
उदयपुर चैम्बर ऑफ कॉमर्स एण्ड इण्डस्ट्री
(APEX BODY OF TRADE, INDUSTRY & TOURISM OF SOUTHERN RAJASTHAN)

An ISO-9001 Chamber

UCCI/UIWM&RC/2006-07/16

April 21, 2006

The Member Secretary,
Rajasthan Pollution Control Board,
4, Institutional Area,
Jhalana Doongri,
JAIPUR.

Sub: Intended member of Hazardous Waste Treatment Facility at Udaipur.

Dear Sir,

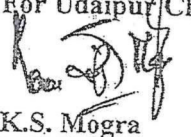
In continuation to our letter No.UCCI/UIWM&RC/2006-07/06 dated April 11, 2006,

We are to inform you that M/s Ankit Roofings Ltd., Akshat House, A-27/13-A, Kanti Chandra Road, Bank Park, Jaipur - 302 016 for Sheet Unit in Bagru and A.C. Pressure Pipe Unit in Bindyaka has completed the necessary formalities to become a member of common Hazardous Waste Treatment Facility being setup at Udaipur.

We request you to kindly consider that M/s Ankit Roofings Ltd., Akshat House, A-27/13-A, Kanti Chandra Road, Bank Park, Jaipur - 302 016 for Sheet Unit in Bagru and A.C. Pressure Pipe Unit in Bindyaka for granting necessary authorization.

Thanking you,


Yours faithfully,
For Udaipur Chamber of Commerce & Industry


K.S. Mogra
Chairman
Sub-Committee-HWM Facility

Copy to: 1. The Regional Officer, RSPCB, Jaipur

2. M/s Ankit Roofings Ltd., Akshat House, A-27/13-A, Kanti Chandra Road, Bank Park, Jaipur - 302 016 for Sheet Unit in Bagru and A.C. Pressure Pipe Unit in Bindyaka, -Your registration No. is 327 and you may please quote this number while communicating with us in future. You are also required to submit us a monthly waste generation report by 7th of every month in the enclosed format. We also enclose a copy of Circular dated 21.12.05 for your information.

3. M/s Ramky Enviro Engineers Ltd Udaipur - 313003. The waste of the party is spoiled / non-recyclable sheets / pipe rejects. Category of waste as per schedule I is 15 and the quantity of waste is 250 K.G. per month.

 **ARL INFRA TECH LTD.**

UCCI

CHAMBER BHAWAN, CHAMBER MARG, M.I.A., UDAIPUR-313 003.
TEL : (0294) 2491060, 2491061, 2492215 FAX : (0294) 2492212
Website : www.ucciuudaipur.com, e-mail : uccisec@hotmail.com

(PAWAN JAIN)

Director

DIN - 00155359



UDAIPUR CHAMBER OF COMMERCE & INDUSTRY

उदयपुर चैम्बर ऑफ कॉमर्स एण्ड इण्डस्ट्री

(An Apex Body of Trade, Industry, Mining, Education & Tourism of Southern Rajasthan)

UCCI/HWM-327/2019-20 - 133

31st October, 2019

M/s ARL Infratech Ltd.
"Akshant House"
A - 27 / 13A, Kanti Chandra Road,
Bani Park, Jaipur - 302016
(Rajasthan)

Sub. : Regarding change of Name of Company

Dear Sir,

In consideration of the Certificate of Incorporation pursuant to change of name issued by the Registrar of Companies, Rajasthan dated 17.07.2010 along-with other supporting documents such as Consent to Operate of RSPCB, GST Registration etc. submitted by your organisation, we hereby approve the change of name of company from :

M/s Ankit Roofings Ltd.
"Akshant House"
A - 27 / 13A, Kanti Chandra Road,
Bani Park, Jaipur - 302016
(Rajasthan)

to

M/s ARL Infratech Ltd.
Village : Dahami Khurd,
Tehsil : Sanganer,
District : Jaipur
(Rajasthan)

By giving a copy of this letter, we are advising M/s Rajasthan Waste Management Project Pvt. Ltd., Udaipur to change the Unit's name in their records and to accept the material at TSDF, Gudli, Udaipur.

Thanking you.

Yours faithfully,
For Udaipur Chamber of Commerce & Industry


Ramesh Kumar Singhvi
President



- cc : 1) Member Secretary, Rajasthan State Pollution Control Board, Jaipur
2) Regional Officer, Rajasthan State Pollution Control Board, Jaipur (S)
3) Rajasthan Waste Management Project Pvt. Ltd., Udaipur
- Kindly transfer the amount of Security Deposit from M/s Ankit Roofings Ltd. to M/s ARL Infratech Ltd. after adjusting the dues, if any, for M/s Ankit Roofings Ltd.



ISO 9001, 14001, 45001 & 27001

CHAMBER BHAWAN, MEWAR INDUSTRIAL AREA, MADRI, UDAIPUR - 313003 (Raj.)

TEL. : (0294) 2491060, 2492214-15, Website : www.ucciudaipur.com

E-mail : uccisec@gmail.com, uccisec@hotmail.com

Upgradation of Skills, Capacity Building, Communication & Infrastructure Development

Project	: Asbestos and Non asbestos Cement Sheets & Pressure Pipe manufacturing unit	Compliance Report of the conditions laid in the Environmental Clearance from April 2023- Sept. 2023
Promoter	: ARL Infratech Ltd.	

ANNEXURE XVII b

Copy of Form 10 as per HoW Rules along with its submission receipt

	Gaurang Environmental Solutions Pvt. Ltd.	
	Report Ref : GESPL_215(A)/2023-24/Certified Compliance/232	Rev No. 02



ARL INFRATECH LTD.

No. 125/ 109

July 22, 2021

Member Secretary (MUID)
Rajasthan State Pollution Control Board,
4, Institutional Area, Jhalana Doongri,
Jaipur, Rajasthan 302004

Sub: Form 10 manifest for Hazardous and other waste.

Ref: Our Authorization No. RPCB/HWM/2018-2019/HSW/313

Dear Sir,

With reference to the above referred subject please find enclosed here with the form No. 10 manifest for Hazardous and other waste from form 10 sl. No. 52631.

This is for your information please.

Thanking You

For ARL INFRATECH LTD

N. S. Arch

Authorized Signatory



Regd. & Corporate Office: "Akshat House", A-27/13A, Kanti Chandra Road, Bani Park, JAIPUR-302 016

Tel.: 0141-6604777 (30 Lines), 2203502 Fax: 0141-6604799

E-mail: arl@arlinfratech.com, Website: www.arlinfratech.com


CIN:-U26932RJ1996PLC012146

FORM- 10

[See Rule 19 (1)]

52631

MANIFEST FOR HAZARDOUS AND OTHER WASTE

1.	Sender's name and mailing address (including phone no. and e-mail)	ARL Infrotech Ltd. Village-Dhami Khurd, Bagru Distt. Jaipur (Raj)		
2.	Sender's authorisation No.	327 (membership No.)		
3.	Manifest Document No.	52631		
4.	Transporter's name and address : (including Phone No. and e-mail)			
5.	Type of vehicle	(Truck/Tanker/Special Vehicle) Special vehicle		
6.	Transport's registration No.	RPCB/HWM/2020-21/HSW/HSW/76 102		
7.	Vehicle registration No.	RJ-27-GA-6584		
8.	Receiver's name and mailing address (including Phone No. and e-mail)	RAJASTHAN WASTE MANAGEMENT PROJECT (A Div. of Ramky Enviro Engineers Ltd.) SURVEY No.-1018/13, Village-Gudli, Teh.-Mavli, Dist.-Udaipur Phone No. : 0294-2658253-54 E-Mail : rwmp@ramky.com		
9.	Receiver's authorisation No.	RPCB/HWM/2017-2018/HSW/HSW/195 195		
10.	Waste description	A.C. Rejected waste Residue		
11.	Total quantity No. of Containers	9580 KGS M ³ or MT 01 Nos.		
12.	Physical form	(Solid/Semi-Solid/Sludge/Oily/Tarry/Slurry/Liquid)		
13.	Special handling instructions and additional information	Nil		
14.	Sender's Certificate	I hereby declare that the contents of the consignment are fully and accurately described above by proper shipping name and are categorised, packed, marked, and labeled, and are in all respects in proper conditions for transport by road according to applicable national government regulations.		
	Name & Stamp	Signature	Month 07	Day 20
			Year 2021	
15.	Transporter's acknowledgement of receipt of waste			
	Name & Stamp	Signature	Month 07	Day 20
			Year 2021	
16.	Receiver's certification for receipt of hazardous and other waste			
	Name & Stamp	Signature	Month []	Day []
			Year 2021	

COPY 2 of 7

Yellow Copy

To Be Signed By The Transporter And Retained By The Occupier.

FORM No. 8

[See rule 17 (1) and 18 (2)]

HAZARDOUS AND OTHER WASTE

परिष्कृत्य एवं अन्य अपशिष्ट

Handle with Care

Waste category and characteristics as per Part C of Schedules II and III of these rules.....Schedule II, Cat.....	Incompatible wastes and substances ...Solid waste with moisture....
Total Quantity.....9580 kgs.....	Date of Storage JUN. 2021
Physical State of the waste (Solid/Semi-solid/Liquid): Solid	
Sender's Name and Address ARL INFRA TECH LTD, JALPAIGUR Phone0141-6702706..... E-mail..arlinfra@techsheet@gmail.com Tel. and Fax No.....0141-6702713.....	
Receiver's Name and Address : RAJASTHAN WASTE MANAGEMENT PROJECT SURVEY No.-1018/13. (Opp. Zinc Smelter, Debari) Village-Gudli, Teh.-Mavli, Dist.-Udaipur (Raj.) Phone No. : 0294-2658253-54 E-Mail : rwmp@ramky.com	
Contact Person.....9829052635.....	Contact Person: 91-294-2802032.....
In case of emergency please contact : 7728891160 / 62 / 63 / 65	

Truck No.: RJ-27-6A-6584

TRANSPORT EMERGENCY (TREM) CARD

(Use one per Waste)

1. Characteristics of hazardous and other wastes :

Type of Waste	Physical Properties	Chemical Constituents	Exposure Hazards	First Aid Requirements
A.C. Rejected waste Residue	Solid	N/A	Nil	Nil

1. Procedure to be followed in case FIRE

: Fire Proof

2. Procedure to be followed in case of

: Land fill material

Spillage / Accidents / Explosion

3. For Expert Service, Please Contact

(i) Name and Address

: Ramky Enviro Engineers Ltd.

(ii) Telephone No.

: +91-294-2802032

Date...20/07/2021....

ARL Infrotech Ltd.

9829052635

Place...Udaipur.....

(Name, contact number and Signature of sender)



Project	: Asbestos and Non asbestos Cement Sheets & Pressure Pipe manufacturing unit	Compliance Report of the conditions laid in the Environmental Clearance from April 2023- Sept. 2023
Promoter	: ARL Infratech Ltd.	

ANNEXURE XVIII

Photographs showing hazardous waste storage area

	Gaurang Environmental Solutions Pvt. Ltd.	
	Report Ref : GESPL_215(A)/2023-24/Certified Compliance/232	Rev No. 02

Project : Asbestos and Non asbestos Cement Sheets & Pressure Pipe manufacturing unit
Promoter : ARL Infratech Limited

Annexure XVIII



Photograph showing hazardous waste storage room

	Gaurang Environmental Solutions Pvt. Ltd.	
	Report Ref : GESPL_215(A)/2023-24/Compliance/232	Rev No. 02

Project	: Asbestos and Non asbestos Cement Sheets & Pressure Pipe manufacturing unit	Compliance Report of the conditions laid in the Environmental Clearance from April 2023- Sept. 2023
Promoter	: ARL Infratech Ltd.	

ANNEXURE XIX

Photographs showing wrapped sheets

	Gaurang Environmental Solutions Pvt. Ltd.	
	Report Ref : GESPL_215(A)/2023-24/Certified Compliance/232	Rev No. 02

Project : Asbestos and Non asbestos Cement Sheets & Pressure Pipe manufacturing unit
Promoter : ARL Infratech Limited

Annexure XIX



Photographs showing Sheet wrapping



Gaurang Environmental Solutions Pvt. Ltd.


Report Ref : GESPL_215(A)/2023-24/Compliance/232

Rev No. 01

Project	: Asbestos and Non asbestos Cement Sheets & Pressure Pipe manufacturing unit	Compliance Report of the conditions laid in the Environmental Clearance from April 2023- Sept. 2023
Promoter	: ARL Infratech Ltd.	

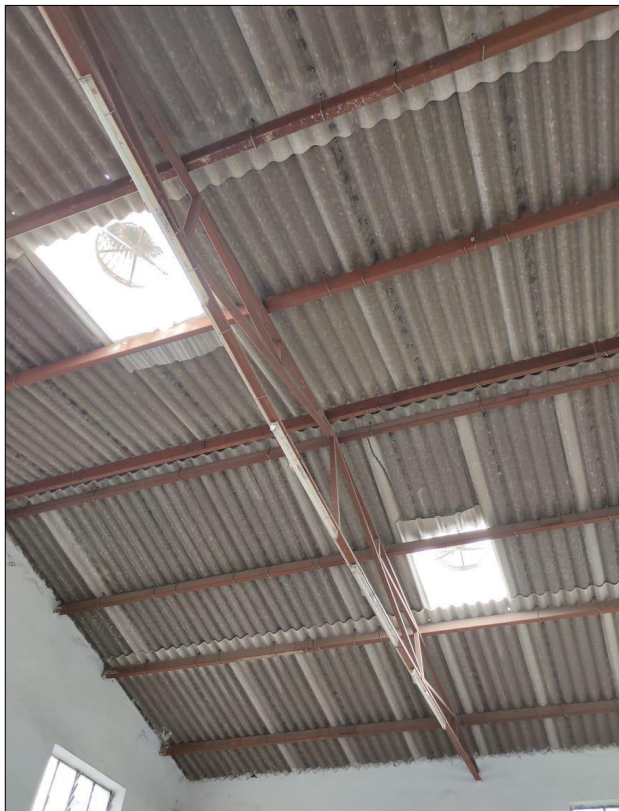
ANNEXURE XX

Photographs depicting the ventilation window

	Gaurang Environmental Solutions Pvt. Ltd.	
	Report Ref : GESPL_215(A)/2023-24/Certified Compliance/232	Rev No. 02

Project : Asbestos and Non asbestos Cement Sheets &
Pressure Pipe manufacturing unit
Promoter : ARL Infratech Limited

Annexure XX



Photographs showing Ventilation windows



Gaurang Environmental Solutions Pvt. Ltd.

Report Ref : GESPL_215(A)/2023-24/Compliance/232

Rev No. 02

**Project : Asbestos and Non asbestos Cement Sheets &
Pressure Pipe manufacturing unit**
Promoter : ARL Infratech Ltd.

**Compliance Report of the conditions laid in
the Environmental Clearance from April 2023-
Sept. 2023**

ANNEXURE XXI

Photographs showing STP & water
meter



Gaurang Environmental Solutions Pvt. Ltd.

Report Ref : GESPL_215(A)/2023-24/Certified Compliance/232

Rev No. 02

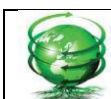
Project : Asbestos and Non asbestos Cement Sheets & Pressure Pipe manufacturing unit

Annexure XXI

Promoter : ARL Infratech Limited



Photographs showing STP



Gaurang Environmental Solutions Pvt. Ltd.

Report Ref : GESPL_215(A)/2023-24/Compliance/232

Rev No. 02

Project : Asbestos and Non asbestos Cement Sheets & Pressure Pipe manufacturing unit
Promoter : ARL Infratech Limited

Annexure XXI




Photographs showing water meters

	Gaurang Environmental Solutions Pvt. Ltd.	
	Report Ref : GESPL_215(A)/2023-24/Compliance/232	Rev No. 02

Project	: Asbestos and Non asbestos Cement Sheets & Pressure Pipe manufacturing unit	Compliance Report of the conditions laid in the Environmental Clearance from April 2023- Sept. 2023
Promoter	: ARL Infratech Ltd.	

ANNEXURE XXII

Photographs showing use of LED Lights
inside the premises

	Gaurang Environmental Solutions Pvt. Ltd.	
	Report Ref : GESPL_215(A)/2023-24/Certified Compliance/232	Rev No. 02

Project : Asbestos and Non asbestos Cement Sheets & Pressure Pipe manufacturing unit
Promoter : ARL Infratech Limited

Annexure XXII



Photographs showing use of LED Lights inside the premises



Gaurang Environmental Solutions Pvt. Ltd.

Report Ref : GESPL_215(A)/2023-24/Compliance/232

Rev No. 02

Project	: Asbestos and Non asbestos Cement Sheets & Pressure Pipe manufacturing unit	Compliance Report of the conditions laid in the Environmental Clearance from April 2023- Sept. 2023
Promoter	: ARL Infratech Ltd.	

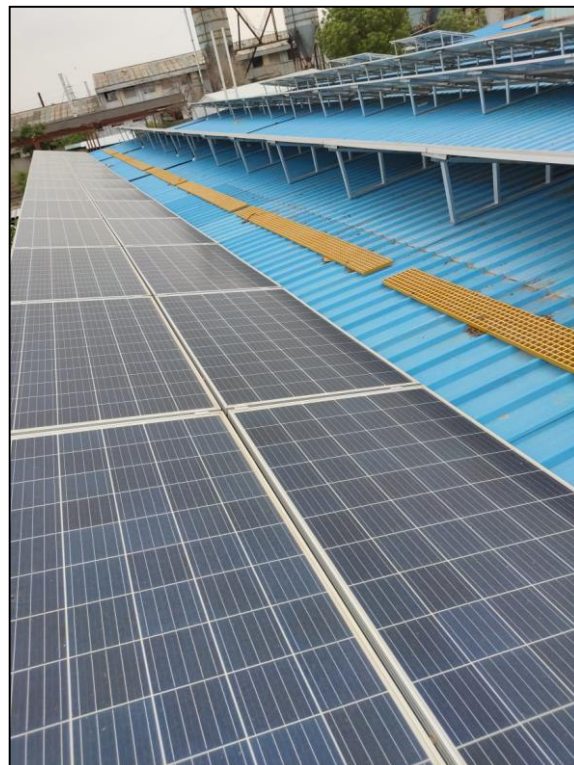
ANNEXURE XXIII a

Photographs showing solar panels installed at site

	Gaurang Environmental Solutions Pvt. Ltd.	
	Report Ref : GESPL_215(A)/2023-24/Certified Compliance/232	Rev No. 02

Project : Asbestos and Non asbestos Cement Sheets & Pressure Pipe manufacturing unit
Promoter : ARL Infratech Limited

Annexure XXIIIa



Photographs showing solar panels installed at site



Gaurang Environmental Solutions Pvt. Ltd.

Report Ref : GESPL_215(A)/2023-24/Compliance/232

Rev No. 02

**Project : Asbestos and Non asbestos Cement Sheets &
Pressure Pipe manufacturing unit**
Promoter : ARL Infratech Ltd.

**Compliance Report of the conditions laid in
the Environmental Clearance from April 2023-
Sept. 2023**

ANNEXURE XXIII b

Purchase receipt of the solar panels



Gaurang Environmental Solutions Pvt. Ltd.

Report Ref : GESPL_215(A)/2023-24/Certified Compliance/232

Rev No. 02

Kartikeya Enertech Pvt Ltd
60 mangal Vihar Vistar, Gopalpura Bypass, Jaipur, Rajasthan 302018
7077803147
support@stellargrid.in
www.stellargrid.in
GSTIN: 08AAGCK1761K1ZB

(Sheet-Unit)



STELLAR
GRID

Registered brand under Kartikeya Enertech Pvt Ltd

31/3
220

INVOICE

To:

Shipping Address:

No. 1920/03/006

ARL Infratech Limited,
Akshat House, A -27/13, Kanti Chandra Road,
Banipark, Jaipur 302001
GST: 08AAFC9416Q1Z2

ARL Infratech Limited,
Village - Dhami Khurd Bagru, Jaipur.303007

30-Mar-2020

Description	Qty	Rate (Rs/kW)	Amount
A.			
1. Panels: Multicrystalline: Adani 345 Wp ENCORE Series ASP-7-AAA 5BB Multi-crystalline 1376 nos.			
2. Inverter: Huawei, SUN2000-100KTL-INM0 (S.N.: 6T19B9029925 and 6T19B9029895 and 6T19B9029922) and SUN2000-50KTL-M0 (S.N.: 2101074232ESKA000062 and 2101074232ESKA000171)	480.93 kW	Rs. 20,860.00	Rs. 1,00,32,199.80
CGST		2.50%	Rs. 2,50,805.00
SGST		2.50%	Rs. 2,50,805.00
B.			
Material Supply			
1. Module Mounting Structure: Aluminum 6063 T 6, with Hilti SDS			
2. DC cable: Leoni 4 sq mm, Tin coated Cu, 1 Core; AC Cable: Polycab: Al, 4 and 3.5 Core, 1.1 kV Armoured			
3. DC Protection: Inbuilt in inverter			
4. AC Distribution Box Circuit Breakers (MCB/MCCB/Changeovers): Schneider, Aluminium Busbar, AC SPD: in built in inverter or Phoenix Contact, Type 2, MS powder Coated, water proof			
5. MC4 Connectors: Leoni			
6. Net Meter : Secure (Discom Approved pre tested); Solar Meter Secure (Discom Approved pre tested)			
7. Wire Conduits External: HDPE DWC; Internal: PVC; Conduits supported with clamps / stands / cable tray at appropriate places			
8. Protection: Lightning Arrestor: JMV: ESE with a range of 107 m; Earthing: JMV, 200 micron copper boned 3mtr long , GI strip down-conductor			
9. Online Monitoring In built			
10. FRP Moulded Grating Safety And Maintenance Walkway			
11. Safety Line Suspension System with Harness Across lengths of roofs			
Services			
1. Installation: Strict Adherence to warranty norms.			
2. Designing: Optimized use of roof as per client's input. Deliverable includes shading analysis, STAD report and electrical SLD			
3. Operations & Maintenance: Preventive Maintenance using online monitoring, quarterly checks for 5 years (only if client provide internet connection up to the inverters)			
CGST		9.00%	Rs. 3,86,956.28
SGST		9.00%	Rs. 3,86,956.28
Total Amount	480.9 kW	Rs. 29,800.00	Rs. 1,43,31,714.00
Total GST			Rs. 12,75,522.55
Grand Total (rounded off)			Rs. 1,56,07,237.00

- 7 AUG 2020

Payment made through
Online on dt.
Rs. 15,11,246

211
105
85991

Solar Project - A/C
PASSED FOR 15607237/-

Stellar Grid, Solar Division of Kartikeya Enertech Pvt Ltd
Registered Head Office: 311 Marine Chambers, New Marine Lines, Churchgate, Mumbai 400020
TIN: 08222175802 | CIN U74999MH2016PT281407 | PAN No. AAGCK1761K
Contact Us at: support@stellargrid.in | 9777529953/7077803147
SUBJECT TO JAIPUR JURISDICTION

KARTIKEYA ENERTECH PVT. LTD.
Authorized Signatory

TERMS AND CONDITIONS

1. Plant capacity: The total cost decided in the offer is based on the DC capacity of the plant and the rate (₹/kW). DC capacity can be up to 1.33 times the inverter's AC capacity as per the inverter DC side's maximum voltage and current.
2. Delivery period: Within 3 Months of confirmed purchase order along with advance.
3. Products Warranty:
 - a. Module Warranty (MNRE Approved, Govt. of India) - 25 Years limited warranty on Power Output. 12 Years Limited Warranty on Product, as given by manufacturer
 - b. Inverter: 5 Years limited Warranty against manufacturing defects from the date of commissioning, as given by manufacturer. This warranty is extendable up to 10 years.
 - c. Balance of System: 5 years warrantyThe warranty shall not apply to defects resulting from:
 - X Willful damage or negligence
 - X Normal wear and tear
 - X Installation and/or maintenance by the client or a third party without supplier's prior written consent
 - X Misuse or abuse of Equipment
 - X Modifications or alterations made by the Client or a third party without supplier's written consent
4. Payment Terms:
 - a. 15% advance with Payment Order.
 - b. 10% before dispatch of Structure
 - c. 10% before dispatch of Solar Inverters
 - d. 55% before dispatch of Solar Panels.
 - e. 10% within seven days of commissioning date of the solar plant.
5. Customer Scope:
 - a. Cleaning: Regular bi-monthly cleaning of the Solar Modules. We do the cleaning of panels at an extra cost of ₹ 210 / kW / year.
 - b. Insurance of the plant: The numbers in the table are indicative. We recommend you to cover under insurance the events which are not covered by manufacturer warranty for panels and inverters.
 - c. Security of Material: On delivery of materials to buyer's site in good condition, the buyer shall be responsible for safety & security of the system till handing over of the same to our designated personnel for installation.
 - d. Security of personnel: In case there are social disturbances in the buyer's site not attributable to us, the buyer shall resolve the same at its own risk & cost, for smooth execution of the project by us. In such case, the buyer shall provide safety & security to our designated personnel working at site. Any delay in execution due to social disturbances at site shall be attributable to the buyer and not compensated by us. Further, any damage to the system due to social disturbances / vandalism at site shall be compensated by the buyer.
 - e. Access to the roof: Customer should allow access to the land / roof to the personnel with relevant identity cards for the installation and commissioning of plant and in future for maintenance whenever required. If a permanent structure is required for the roof access for installation, regular cleaning and maintenance purpose, it is to be arranged by the customer. We can provide such an access structure at customer's request on actuals.
 - f. Net Metering: Government Fees and security deposit relating to the 'Net Metering' are in customer's scope.
6. Tax: All current taxes or duties are included in the above commercial proposal. Any changes in government taxes or duties in the future, till the time the material supply and construction shall be borne by the customer.
7. Force Majeure: We shall be under no liability if performance of contract on our part is delayed whether in whole or in part due to any of the causes beyond our reasonable control. The supplier shall not be held responsible for any delay, loss or damage arising from any cause, matter or thing beyond the supplier's/sub-supplier's reasonable control, including, without prejudice to acts of nature or God such as epidemics, floods, earthquakes, fires etc., restriction in power supply or any other action of the government, riots, war or warlike conditions strikes, lockouts, go-slow, delays in approval of drawing, rejection of any important part of work, default of sub supplier in supplying the parts/raw materials, lack of transportation facilities, inability to obtain necessary labor or materials, official prohibition of transit of goods, requisition by legal authorities of personal property, movable or immovable, Whether such delay or impediment occurs before or after the time or extended time for dispatch or completion. In case the supply is affected by the force majeure conditions, we shall intimate the purchaser, within a reasonable time, of such occurrence and suitable extension to the delivery time shall be granted.
8. Confidentiality/Non-Disclosure: The information shared by us of any nature during tendering or execution of the contract shall be treated truly confidential. Due respect should be taken care to respect the confidentiality of intellectual property. The Confidentiality of this offer should be maintained strictly and in no case without seeking our written permission this document can't be shared, disclosed, reproduced, copied or circulated.
9. Connectivity: Solar photovoltaic power plant power will be evacuated at the nearest 415 Volt LT bus bar or LT Panel via a solar meter. For any further scope of work, it shall be charged extra at actual to the buyer. We are responsible for all system operation until this interconnection point. Accounting of units onwards of this interconnection point (i.e. in net meter / consumption meter (if any)) is not under our scope. Kartikeya Enertech is only responsible / answerable of any accounting of units up to the solar meter
10. Operation and Maintenance Charges (O&M): We offer complementary O&M for years shown in the cash flow table. O&M will be charged after the warranty on balance of System is over at the rates indicated in 25 years project cash flow table.
11. Generation guarantee: We guarantee a generation of 1200 units/kw/year as mentioned in 'Assumptions' section of 'Financial Analysis', reducing at the rate of 1% every year considering 100% availability of 'within range' grid power during sunshine hours. In the case where this is not achieved, we will be installing more capacity to achieve the guaranteed units. In the case of unavailability of grid during times in the day, the guaranteed generation will be prorated for the uptime. Generation will be calculated by the solar meter reading.

Project	: Asbestos and Non asbestos Cement Sheets & Pressure Pipe manufacturing unit	Compliance Report of the conditions laid in the Environmental Clearance from April 2023- Sept. 2023
Promoter	: ARL Infratech Ltd.	

ANNEXURE XXIV

Copy of Authorization

	Gaurang Environmental Solutions Pvt. Ltd.	
	Report Ref : GESPL_215(A)/2023-24/Certified Compliance/232	Rev No. 02



Registered

File No: F(HSW)/Jaipur(Sanganer)/6(1)/2009-2010/6270-6272

Date:- 03/02/2022

Unit Id : 5512

M/s ARL Infratech Ltd.

'AKSHAT HOUSE' A-27/13-A, Kanti Chandra Road, Banipark, Jaipur ,
District: Jaipur

Sub:- Authorization for operating a facility for Collection, Generation, Reuse, Storage of Hazardous Wastes Under Hazardous and Other Waste (Management and Transboundary Movement) Rules, 2016.

Ref:- Your application dated : 01/04/2021 received on 01/04/2021 and subsequent corresponde

Sir

- 1 Number of authorization RPCB/HWM/2021-2022/MUID/HSW/21.
- 2 Application Number : 279342 dated : 01/04/2021 .
- 3 Managing Director of M/s ARL Infratech Ltd. is hereby granted an authorization based on the enclosed signed inspection report for Collection, Generation, Reuse, Storage of Hazardous waste on the premises situated at Khasra No 718, 719, 720, 721, 885/722 717 part Tehsil: Sanganer District: JAIPUR.

Details of Authorization

SNo	Type of Hazardous waste	Category		Quantity/ Unit	Hazardous Waste Disposal Practice
		Sch	Code		
1	Asbestos-containing residues	I	15.1	2880.00 TPA	Reuse in process/ CTDF Udaipur

- 4 The authorization shall be in force for period from **01/04/2021** to **31/03/2026** .

Signature Not Verified

Digitally signed by Rakesh Kumar
Bora
Date: 2022.02.03 14:19:45 IST
Reason: SelfAttested
Location:





RAJASTHAN STATE POLLUTION CONTROL BOARD
4, Institutional Area, Jhalana Doongari, Jaipur-302 004
Phone: 0141-5159600,5159695 Fax: 0141-5159697

Registered

File No: F(HSW)/Jaipur(Sanganer)/6(1)/2009-2010/6270-6272

Date:- 03/02/2022

Unit Id : 5512

The authorization is subject to the following general and specific conditions :

A. General conditions of Authorization

1. The authorised person shall comply with the provisions of the Environment (Protection) Act, 1986, and the rules made there under.
2. The authorisation or its renewal shall be produced for inspection at the request of an officer authorised by the State Pollution Control Board.
3. The person authorised shall not rent, lend, sell, transfer or otherwise transport the hazardous and other wastes except what is permitted through this authorisation.
4. Any unauthorised change in personnel, equipment or working conditions as mentioned in the application by the person authorised shall constitute a breach of his authorisation.
5. The person authorised shall implement Emergency Response Procedure (ERP) for which this authorisation is being granted considering all site specific possible scenarios such as spillages, leakages, fire etc. and their possible impacts and also carry out mock drill in this regard at regular interval of time;
6. The person authorised shall comply with the provisions outlined in the Central Pollution Control Board guidelines on "Implementing Liabilities for Environmental Damages due to Handling and Disposal of Hazardous Waste and Penalty"
7. It is the duty of the authorised person to take prior permission of the State Pollution Control Board to close down the facility.
8. The imported hazardous and other wastes shall be fully insured for transit as well as for any accidental occurrence and its clean-up operation.
9. The record of consumption and fate of the imported hazardous and other wastes shall be maintained.
10. The hazardous and other waste which gets generated during recycling or reuse or recovery or pre-processing or utilisation of imported hazardous or other wastes shall be treated and disposed

Signature Not Verified

Digitally signed by Ralender Kumar
Bora
Date: 2022.02.03 14:19:45 IST
Reason: SelfAttested
Location:





Registered

File No: F(HSW)/Jaipur(Sanganer)/6(1)/2009-2010/6270-6272

Date:- 03/02/2022

Unit Id : 5512

of as per specific conditions of authorisation.

11. The importer or exporter shall bear the cost of import or export and mitigation of damages if any.
12. An application for the renewal of an authorisation shall be made as laid down under these Rules.
13. Any other conditions for compliance as per the Guidelines issued by the Ministry of Environment, Forest and Climate Change or Central Pollution Control Board from time to time.
14. Annual return shall be filed by June 30th for the period ensuring 31st March of the year.

B. Specific Conditions

- 5 That this authorization shall ceased to be valid & shall be liable to be revoked without any further notice in case of refusal/expiry of consent to operate under the provisions of Water(Prevention and Control of Pollution) Act,1974 and Air(Prevention and Control of Pollution)Act,1981 by the State Board.
- 6 That the unit shall dispose off its waste by reuse in process and sending to CHWTDF -Rajasthan Waste Management Project located at District-Udaipur
- 7 That this authorization shall ceased to be valid & shall be liable to be revoked without any further notice in case of refusal/expiry of consent to operate under the provisions of Water(Prevention and Control of Pollution) Act,1974 and Air(Prevention and Control of Pollution)Act,1981 by the State Board.
- 8 That this authorization shall ceased to be valid & shall be liable to be revoked without any further notice in case of refusal/expiry of consent to operate under the provisions of Water(Prevention and Control of Pollution) Act,1974 and Air(Prevention and Control of Pollution)Act,1981 by the State Board.
- 9 That no recycling/re-processing of the hazardous waste covered under schedule IV shall be carried out without prior authorization from Rajasthan State Pollution Control Board as recycler/ re-processor of hazardous waste under the rule of the Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016.
- 10 That this authorization shall be subjected to valid consent to operate under the provisions of Water (Prevention and Control of Pollution) Act 1974 and Air (Prevention and Control of Pollution) Act 1981 issued by the State Board.

Signature Not Verified

Digitally signed by Ralender Kumar
Bora
Date: 2022.02.03 14:19:45 IST
Reason: SelfAttested
Location:





Registered

File No: F(HSW)/Jaipur(Sanganer)/6(1)/2009-2010/6270-6272

Date:- 03/02/2022

Unit Id : 5512

- 11 That in case of any expansion or change in process or product or change in mode / practice of disposal of hazardous waste or its quantity, industry shall obtain fresh authorization.
- 12 That the arrangements for transportation of the hazardous waste for disposal shall be done by the authorized/dedicated vehicles only and any environmental damages during Transportation shall be borne by sender/receiver whoever arrange the transportation.
- 13 That the industry shall carry out disposal/ reprocess/ to registered site for hazardous and other waste as per the terms and conditions of the guidelines framed by the CPCB dated 07/07/2017
- 14 Industry shall comply the emission standards during disposal/processing as per emission standards notified vide GSR 497 (E), dated 10/05/2016.
- 15 That no hazardous waste shall be utilized for co-processing as a supplementary resource or for energy recovery, or after processing without prior & valid approval of Central Pollution Control Board under the rule 9 of the Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016
- 16 That the industry shall ensure the compliance of all the conditions stipulated in the consent to operate issued under Air Act 1981 and Water Act 1974 during the disposal/process of hazardous waste.
- 17 The industry shall comply with all the requirements in accordance with the Public Liability Insurance Act 1991 and as amended.
- 18 That the management of disposal of Chemical sludge from waste water treatment shall be in the hands of the skilled person, competent to manage the disposal of hazardous waste in an environmentally sound manner.
- 19 That the unit shall submit renewed membership with UCCI within one months from the issue of this authorization.
- 20 The authorization is subject to the conditions stated at Annexure "A" enclosed with the authorization letter and the such conditions as may be specified in the Rules for the time being forced under the Environmental (Protection) Act, 1986.
- 21 The unit has to display and maintain the data online outside the factory main gate in Hindi & English both on a 6'X 4' display board in the manner & format prescribed at Annexure "B" and the report of the Compliance along with photograph shall be submitted to this office & Regional Office, time to time.

Signature Not Verified

Digitally signed by Rakesh Kumar
Bora
Date: 2022.02.03 14:19:45 IST
Reason: SelfAttested
Location:





Registered

File No: F(HSW)/Jaipur(Sanganer)/6(1)/2009-2010/6270-6272

Date:- 03/02/2022

Unit Id : 5512

- 22 That the annual reports/returns in the form prescribed under the Rules shall be submitted to the Board by 30th June of every year and records of hazardous waste Generation, handling & management shall be maintained according to the provisions of the Hazardous Waste (Management and Transboundary Movement) Rules, 2016 and shown & submitted to the Board as and when asked for.
- 23 The hazardous waste should not be stored for a period beyond 90 days, failing which the authorization shall deemed to be revoked.
- 24 It shall be ensured that the Hazardous waste is handled, managed & disposed of strictly in accordance with the Hazardous and Other Waste (Management and Transboundary Movement) Rules, 2016. Non compliance of the Rules or any of the conditions contained in the authorization shall be tantamount to automatic cancellation/revocation of the authorization.
- 25 The operator of the facility shall liable to comply any other conditions as per the guidelines issued by the MoEF or CPCB or State Board related to collection, disposal, reception, storage & treatment of hazardous waste.
- 26 **That Authorization is issued under the provisions of Hazardous and Other Waste (Management and Transboundary Movement) Rules, 2016 from the environmental angle only, and does not absolve the project proponent from the other statutory obligations prescribed under any other law or any other instrument in force. The sole and complete responsibility, to comply with conditions laid down in all other for the time-being in force, rests with the industry/unit/project proponent.**
- 27 That this Authorization shall not, in any way, adversely affect or jeopardize the legal proceeding, if any, instituted in the past or that could be instituted against you by the State Board for violation of the provisions of the Act or the Rules made thereunder.

Signature Not Verified

Digitally signed by Rakesh Kumar
Bora
Date: 2022.02.03 14:19:45 IST
Reason: Self Attested
Location:





RAJASTHAN STATE POLLUTION CONTROL BOARD
4, Institutional Area, Jhalana Doongari, Jaipur-302 004
Phone: 0141-5159600,5159695 Fax: 0141-5159697

Registered

File No: F(HSW)/Jaipur(Sanganer)/6(1)/2009-2010/6270-6272

Date:- 03/02/2022

Unit Id : 5512

This bears the approval of the competent authority.

Yours Sincerely

Group Incharge

Copy To:-

- 1 Regional Officer, Regional Office, Rajasthan State Pollution Control Board Jaipur(South) to carryout inspection in the format prescribed for Hazardous Waste Management and forward the I/R within one month to HO
- 2 Master File

Group Incharge

Signature Not Verified

Digitally signed by Ralender Kumar
Bora
Date: 2022.02.03 14:19:45 IST
Reason: SelfAttested
Location:



Project	: Asbestos and Non asbestos Cement Sheets & Pressure Pipe manufacturing unit	Compliance Report of the conditions laid in the Environmental Clearance from April 2023- Sept. 2023
Promoter	: ARL Infratech Ltd.	

ANNEXURE XXV

Photographs showing the Greenbelt

	Gaurang Environmental Solutions Pvt. Ltd.	
	Report Ref : GESPL_215(A)/2023-24/Certified Compliance/232	Rev No. 02

Project : Asbestos and Non asbestos Cement Sheets & Pressure Pipe manufacturing unit
Promoter : ARL Infratech Limited

Annexure XXV



Gaurang Environmental Solutions Pvt. Ltd.

Report Ref : GESPL_215(A)/2023-24/Compliance/232

Rev No. 02

Project : Asbestos and Non asbestos Cement Sheets & Pressure Pipe manufacturing unit

Annexure XXV

Promoter : ARL Infratech Limited



Gaurang Environmental Solutions Pvt. Ltd.

Report Ref : GESPL_215(A)/2023-24/Compliance/232

Rev No. 02

Project : Asbestos and Non asbestos Cement Sheets & Pressure Pipe manufacturing unit

Annexure XXV

Promoter : ARL Infratech Limited



Photographs showing Greenbelt & plantation at site



Gaurang Environmental Solutions Pvt. Ltd.

Report Ref : GESPL_215(A)/2023-24/Compliance/232

Rev No. 02

Project	: Asbestos and Non asbestos Cement Sheets & Pressure Pipe manufacturing unit	Compliance Report of the conditions laid in the Environmental Clearance from April 2023- Sept. 2023
Promoter	: ARL Infratech Ltd.	

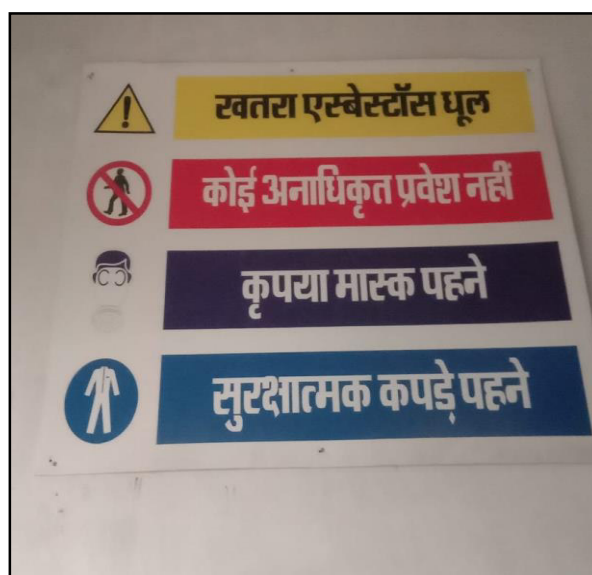
ANNEXURE XXVI

Photographs showing Safety Signages

	Gaurang Environmental Solutions Pvt. Ltd.	
	Report Ref : GESPL_215(A)/2023-24/Certified Compliance/232	Rev No. 02

Project : Asbestos and Non asbestos Cement Sheets & Pressure Pipe manufacturing unit
Promoter : ARL Infratech Limited

Annexure XXVI



Photographs showing Safety Signages

	Gaurang Environmental Solutions Pvt. Ltd.	
	Report Ref : GESPL_215(A)/2023-24/Compliance/232	Rev No. 02

Project	: Asbestos and Non asbestos Cement Sheets & Pressure Pipe manufacturing unit	Compliance Report of the conditions laid in the Environmental Clearance from April 2023- Sept. 2023
Promoter	: ARL Infratech Ltd.	

ANNEXURE XXVII

Photographs taken during Safety Drill

	Gaurang Environmental Solutions Pvt. Ltd.	
	Report Ref : GESPL_215(A)/2023-24/Certified Compliance/232	Rev No. 02

Project : Asbestos and Non asbestos Cement Sheets & Pressure Pipe manufacturing unit

Annexure XXVII

Promoter : ARL Infratech Limited



Photographs taken during Safety Drill



Gaurang Environmental Solutions Pvt. Ltd.


Report Ref : GESPL_215(A)/2023-24/Compliance/232

Rev No. 02

Project	: Asbestos and Non asbestos Cement Sheets & Pressure Pipe manufacturing unit	Compliance Report of the conditions laid in the Environmental Clearance from April 2023- Sept. 2023
Promoter	: ARL Infratech Ltd.	

ANNEXURE XXVIII

Copy of Agreement with Balaji Hospital

	Gaurang Environmental Solutions Pvt. Ltd.	
	Report Ref : GESPL_215(A)/2023-24/Certified Compliance/232	Rev No. 02



BALAJI SONI HOSPITAL

MEMORANDUM OF UNDERSTANDING (MOU)

BETWEEN

ARL INFRATECH LTD

AND

BALAJI SONI HOSPITAL

(Unit Of Soni Hospital Pvt. Ltd.)



MEMORANDUM OF UNDERSTANDING

This Memorandum of Understanding (hereinafter called as the 'MOU') is entered into on this the 18th Day of July 2022 by and among

M/s ARL INFRATECH LTD represented by its President is located Village Dhami Khurd, Bagru. Jaipur Ajmer NH-8, District- Jaipur 302037 Rajasthan Tel: 0141-6702708, 6702706 Fax: 6702713. The institution which expression, unless excluded by or repugnant to the subject or context shall include its successors — in-office, administrators, heirs and assigns),

AND

Balaji Soni Hospital represented by Director (herein referred as Second Party) is located at SPL, 229, RIICO Industrial Area, Bagru phase- II (Extension), Jaipur-303007. Telephone: + 91- 0141 - 3999555, 9615921592. E- mail: bsh@sonihospitals.com. The company which expression, unless excluded by or repugnant to the subject or context shall include its successors – in-office, administrators and assigns),

WHEREAS:

ARL Infratech Ltd is engaged in manufacturing of cemented Sheets, Pipes etc.

And WHEREAS:

Balaji Soni Hospital is engaged in the Hospital and provides health, medical treatment and diagnostics (Health care & services)

Both the parties believe that collaboration between them will promote more effective use of their resources, and provide each of them with enhanced opportunities.



CLAUSE 1

CO-OPERATION

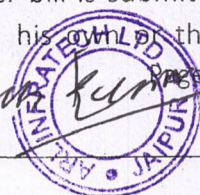
- 1.1 Both the parties are united by common interests and objectives, and they shall establish channels of communication and co-operation that will promote and advance their respective operations within the Institution and its related wings. The Parties shall keep each other informed of potential opportunities and shall share all information that may be relevant to secure additional opportunities for one another.
- 1.2 The cooperation between both the parties will facilitate effective utilization of the intellectual capabilities of the both the parties.
- 1.3 The general terms of co-operation shall be governed by this MOU. Both the Parties shall cooperate with each other and shall, as promptly as is reasonably practical, enter into all relevant agreements, deeds and documents (the 'Definitive Documents') as may be required to give effect to the actions contemplated in terms of this MOU. The terms of Definitive Documents shall be mutually decided between the Parties. Along with the Definitive Documents, this MOU shall represent the entire understanding as to the subject matter hereof and shall supersede any prior understanding between the Parties on the subject matter hereof.

CLAUSE 2

SCOPE OF THE MOU

- 2.1 Balaji Soni Hospital will provide a doctor & a nurse every Friday to ARL Infratech Ltd for a period of two hours.
- 2.2 If the detailed doctor & nurse is on leave or not available for any reason, Balaji Soni Hospital will provide the replacement from within its resources.
- 2.3 ARL Infratech will pay Rs 2650/- per visit every week to Balaji Soni Hospital as remuneration charges for the said doctor & Nurse.
- 2.4 The timings for the doctor & nurse will be fixed in mutual consultations by both the parties.
- 2.5 The detailed doctor & nurse from Balaji Soni Hospital will help in equipping the Medical Room of ARL Infratech as per medical requirements.
- 2.6 The doctor will provide necessary medical cover (Out-Patient Department[OPD] Treatment) to the employees of ARL Infratech. The doctor shall ensure that best efforts are taken to resolve the clinical problem at ARL Infratech premises.
- 2.7 Any employees requiring medical admission (specialist consultation, In-patient admission and diagnostics) shall be transferred by doctor to Balaji Soni Hospital for admission and for further referral for higher centre Soni Hospital 38, Kanota Bagh JLN Marg Jaipur. if required on permission from ARL. The standard rates of Balaji Soni Hospital shall apply. ARL shall provide payment authorization and provide payment after bill is submitted to them. ARL may also instruct employee to cover his expenses on his own or through

Narain Kumar
3 of 5



his/her insurance scheme (for example ESIC cover) or cash. In case of cash payment 5% discount shall be provided.

- 2.8 Free Ambulance for transfer to and from Balaji Soni Hospital and Soni Hospital, JLN Marg, Jaipur shall be provided. For other destinations, standard charges shall apply.

CLAUSE 3

INTELLECTUAL PROPERTY

- 3.1 Nothing contained in this MOU shall, by express grant, implication, Estoppel or otherwise, create in either Party any right, title, interest, or license in or to the intellectual property (including but not limited to know-how, inventions, patents, copy rights and designs) of the other Party.

CLAUSE 4

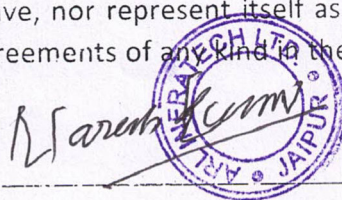
VALIDITY

- 4.1 This Agreement will be valid for One year eleven months. It may be terminated by any of the parties on mutually agreed terms. Any act on the part of any of the parties after termination of this Agreement by way of communication, correspondence etc., shall not be construed as an extension of this MOU. Any of the parties withdrawing from this MoU shall not affect the understanding among the remaining parties in any way.
- 4.2 Any party wanting to terminate this MOU shall give 30 days' notice in writing to the other parties. In the event of Termination, all the parties have to discharge their obligations to the students already undergoing training/ internships/ placement under this MoU.
- 4.3 In case of termination of the MOU, the course which is running at that time will be allowed to be run completely to ensure that no candidate is harmed in any way.

CLAUSE 5

RELATIONSHIP BETWEEN THE PARTIES

- 5.1 It is expressly agreed that both the parties are acting under this MOU as independent parties, and the relationship established under this MOU shall not be construed as a partnership. Neither Party is authorised to use the other Party's name in any way, to create any obligation or liability, on behalf of the other Party, without the prior written consent of the other Party. Neither Party shall have, nor represent itself as having, any authority under the terms of this MOU to make agreements of any kind in the name of or



binding upon the other Party, to pledge the other Party's credit, or to extend credit on behalf of the other Party.

Any divergence or difference derived from the interpretation or application of the MoU shall be resolved by arbitration between the parties as per the Arbitration Act, 1996. The place of the arbitration shall be at Jaipur. This undertaking is to be construed in accordance with Indian Law with exclusive jurisdiction in the Courts of Jaipur, Rajasthan.

AGREED:

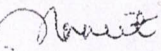
FOR AND ON BEHALF OF M/s Balaji Soni Hospital
(Soni Hospital Pvt. Ltd.)

Name: Namit Soni

Designation: CEO

Mob. No.

E Mail.



Signature

Namit Soni
C.E.O.
Soni Hospital

FOR AND ON BEHALF OF M/s ARL Infratech Ltd.

Name:

JUGAL BHADOT



Designation:

DIRECTOR

Mob. No.

E Mail.

Signature

Witness 1

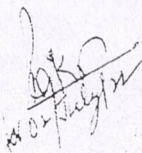
Name: Mr. Bijil Joseph

Designation: Operations Manager

Mob. No.

E Mail.

Signature



Witness 2

Name:

KRISHNA KUMAR GARG

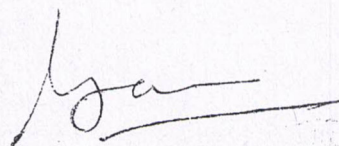
Designation:

HOD

Mob. No.

E Mail.

Signature









Project	: Asbestos and Non asbestos Cement Sheets & Pressure Pipe manufacturing unit	Compliance Report of the conditions laid in the Environmental Clearance from April 2023- Sept. 2023
Promoter	: ARL Infratech Ltd.	

ANNEXURE XXIX

Details of Expenditure on EMP

	Gaurang Environmental Solutions Pvt. Ltd.	
	Report Ref : GESPL_215(A)/2023-24/Certified Compliance/232	Rev No. 02

Details of Expenditure on EMP (Bagru)		
Categories for Expenditure on EMP		April-23 to Sept 2023 Amount in Rupees
Occupational Health and Safety	Expenses on safety trainings	-
	Expenses on PPE provided to workers	507,017.00
	Expenses on Medical examination or workers	220,913.00
Development of Green belt	Remuneration to Gardener	-
	Expenses on Purchasing Plants	-
	Expenses on manure, fertilizers and other necessary inputs.	985.00
	Expenses on Guarding Plants with Tree guards	269,100.00
Air Pollution Control Devices	Expenses on purchase of the Pollution Control Devices	-
	Expenses on maintenance of Pollution Control Devices	226,914.00
Environmental Monitoring	Expenses on Environmental Monitoring	65,555.00
Rooftop Solar PV Plant	Expenses on Solar Panels	-
Rain Water Harvesting	Expenses on Construction of Harvesting Pits	-
	Expenses on Maintenance of Harvesting Pits	-
Sewage Treatment Plant	Salaries of STP Operator	227,603.00
	Expenses on Maintenance of STP	17,500.00
	Total	1,535,587.00



Project	: Asbestos and Non asbestos Cement Sheets & Pressure Pipe manufacturing unit	Compliance Report of the conditions laid in the Environmental Clearance from April 2023- Sept. 2023
Promoter	: ARL Infratech Ltd.	

ANNEXURE XXX

Copy of Corporate Environment policy

	Gaurang Environmental Solutions Pvt. Ltd.	
	Report Ref : GESPL_215(A)/2023-24/Certified Compliance/232	Rev No. 02



ARL INFRATECH LTD.

CERTIFIED TRUE COPY OF THE RESOLUTION PASSED AT THE MEETING OF THE BOARD OF DIRECTORS OF ARL INFRATECH LIMITED, HELD ON 18th March, 2020, AT THE REGISTERED OFFICE OF THE COMPANY AT AKSHAT HOUSE, A-27, 13/A, KANTI CHANDRA ROAD, BANI PARK, JAIPUR (RAJASTHAN)- 302016

The Board of Directors of ARL Infratech Limited (the "Company") has determined that the company should update its policy on matters relating to environmental responsibility and to carry this intent through, a well defined Corporate Environmental Policy, which shall be applicable to all the Staff and workers of M/s ARL Infratech Limited at their various units.

The Policy shall come into effect and be implemented by 23.03.2020

**Sd/-
Chairman**

**Certified True Copy
FOR ARL INFRATECH LIMITED**

**PRAMOD JAIN
MANAGING DIRECTOR
DIN: 00155359
R/o: D260, DEVI MARG, BANI PARK,
JAIPUR-302016, RAJASTHAN**

ARL Infratech Limited
Corporate Environmental Policy

Version 1.0

Date of Issue: 15.05.2020

CORPORATE ENVIRONMENTAL POLICY OF M/S ARL INFRATECH LIMITED

Type of the document:	Policy Regulation
Summary:	<i>This Policy defines Environment, Policy of ARL Infratech Limited. Detailed procedures along with responsibilities and templates have been documented in this manual for various controls implemented by the company to ensure provision of safety and healthy working environment to its employees.</i>
Access:	Strictly Limited

Issue Date	Process Owner	Responsibility
Date 10 th May 2020	Head – EHS Dept.	All Supervisors, All Managers, All Employees
	Governance President and Factory Head	

Version No.	Issue Date	Issued By
1.0	15.05.2020	Managing Director

For ARL INFRATECH LTD.


(PRAMOD JAIN)
Director
DIN - 00155359

OBJECTIVE OF THE POLICY

The objective of this Corporate Environment Policy (the "Policy") is to outline how the Company, together with its directors, officers, employees, consultants and contractors, will conduct its business in a safe and environmentally friendly manner and to the highest standards of corporate environmental responsibility.

APPLICABILITY OF THE POLICY

This Policy is applicable to all directors, officers, employees, consultants and contractors of the Company. Each such person or entity will agree to be bound by the provisions of this Policy upon notification of the most recent copy.

CORPORATE ENVIRONMENT POLICY (CEP)

We recognize the need to protect environment in order to allow sustained economic development for long-term benefit of the community and believes that environment protection is the responsibility of the management along with each & every employee of the company. We are committed to ensure that the environmental responsibility is incorporated as part of the everyday business practice

This policy will factor into our decision making process, functioning, and both existing & new operations. We commit to:-

- Review our environmental objectives and targets and continuously improve upon them based upon periodical reviews of our operations and in view of any regulatory changes & technology advancements in favour of the environment & community.
- Conduct our operations in compliance of applicable environmental laws, regulations and standards.
- Undertake operations with due regards towards efficient use of natural resources and reduce or eliminate waste generation through reuse, recycle and recovery and handle and dispose waste as per statutory requirement & best possible method.

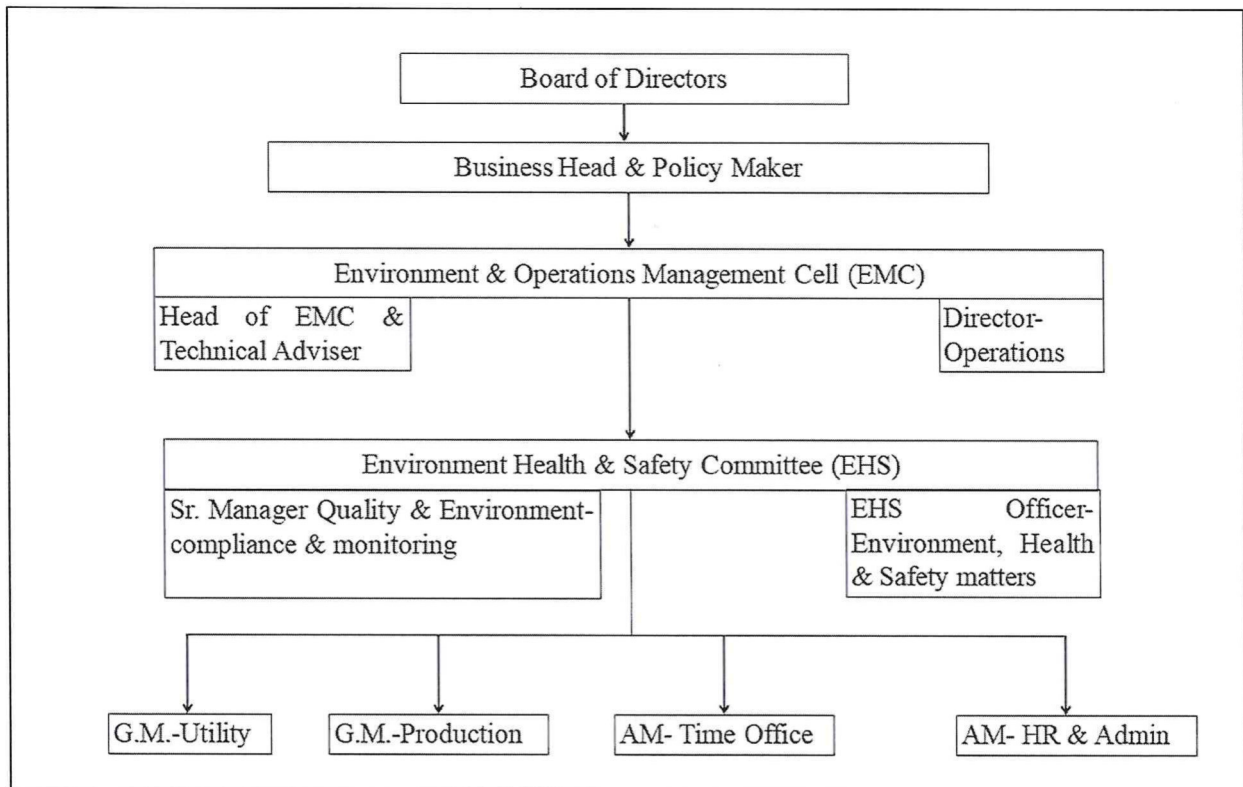
- Adopt the **4R PRACTICE** for our existing as well as future operations:
 - **REDUCE:** The consumption of natural resources and pollution by using scientifically proven technology
 - **RECHARGE:** Human Resources by upgrading their skills through training and motivating the employees and interested parties for augmenting environmental management system and its objectives.
 - **RECYCLE :** Waste material by using appropriate process for reuse
 - **REUSE :** the recycled solid waste, waste water after appropriate treatment, rainwater through water harvesting Scheme

For effective & efficient implementation of the Corporate Environmental Policy, we shall:-

- a. Ensure the allocation of sufficient financial, human and technological resources along with organizational infrastructure, for its implementation.
- b. Bring awareness regarding all the applicable environmental regulations and statutory requirements, and update our employees through periodical training programmes
- c. Ensure periodical reviews of operations and establish trackable goals for continuous refinement of our environmental management.
- d. Bring into place, an organizational structure with clear allocation of key responsibility, to oversee the effective implementation of Corporate Environment Policy.
- e. Provide for periodical monitoring and review of the environmental performance of the company at management level including the Board of Directors.
- f. The Head of Environmental Management Cell shall be responsible for reporting of non-compliances, infringement/ deviation/ violation of applicable environmental laws, regulations and conditions of statutory clearances to the concerned authorities and during the periodical environmental performance review at management level including the Board of Directors.
- g. The hierarchical chart showing various levels of organization to address and monitor environment related matters is enclosed as **Annexure I** with this Policy.

We are responsible & shall remain committed at all times for the effective implementation of this Policy.

ANNEXURE -I



Organizational Chart showing for Compliance of Environment related issues

For ARL INFRATECH LTD.

(PRAMOD JAIN)
Director
DIN - 00155359

Project	: Asbestos and Non asbestos Cement Sheets & Pressure Pipe manufacturing unit	Compliance Report of the conditions laid in the Environmental Clearance from April 2023- Sept. 2023
Promoter	: ARL Infratech Ltd.	

ANNEXURE XXXI

Copy of newspaper advertisements

	Gaurang Environmental Solutions Pvt. Ltd.	
	Report Ref : GESPL_215(A)/2023-24/Certified Compliance/232	Rev No. 02

IC auctions

Nashik district president Shetkari Sanghatana, latest government measures had led to crash in prices, said Nashik deals with stocks of onions and farmers would not be able to ensure complete arrivals in market due to the stock limit.

To curb fires, Punjab may impound 3,000 harvesters

DELHI'S WINTER FOE: No Room For Non-Compliant Machines

Neel.Kamal@timesgroup.com

Bathinda: In a move to curb burning of crop stubble in the coming harvest season, Punjab agriculture department has asked deputy

14,000 (approx) Combine harvesters in Punjab	5,000 Have SMS machines fitted	1,000 More combines to be fitted with new system soon	3,000 Combines without super straw management systems may be impounded
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File photo

ready to fix the device. They claim that by installing the system, the load on the engine will increase. This, in turn, will increase fuel consumption by nearly 15% and the farmers who hire combines for harvesting are not

A station, ranked 26th. A total of 720 stations were ranked based on different parameters, and the process also involved taking feedback from passengers and direct observation by third-party assessors. Suburban stations were included for the first time in this survey and even green cover at stations was considered while ranking them. The report named North Western Railway as the cleanest railway zone, followed by South East Central Railway and East Central Railway. Releasing the report, Goyal said cleanliness at stations and in trains has improved dramatically in the past five years.

JUST LIKE THAT AJIT NINAN



Answer to a sinking auto sector

227100/- Note- Other term & condition will be shown on N.W.Rly. website www.ireps.gov.in
Contact help line no. 138 for general complaints 971-AL/19

NORTH WESTERN RAILWAY

ई निविदा सूचना

सिगनल एवं दूरसंचार विभाग (निर्माण)
ई-निविदा संख्या S&T/CIA/19/02/19
भारत संघ के राष्ट्रपति एवं उनकी ओर से उप मुख्य सिगनल एवं दूरसंचार विभाग (निर्माण), उत्तर पश्चिम रेलवे, अजमेर निम्नलिखित कार्य हेतु निर्धारित प्रपत्र पर खुली ई निविदा (Double Packet) आमंत्रित करते हैं। 1.

कार्य का नाम : Design, manufacture, supply, installation, testing and commissioning of Microprocessor based Electronic Interlocking (EI) system at Gachhipura, Makrana, Bera and Borawar Stations as per RDSO Specification No. RDSO/SPN/192/2005 with latest amendment for execution of indoor and outdoor Signalling work at above mentioned station which includes excavation of trench, laying of cables, casting of foundations of MACLS Signals & apparatus cases, erection /installation of MACLS signals, fixing & wiring of track circuits & point machines, centralized operation of points & signals etc as per RE standard along with leftover telecom work installations including supply (part), testing & commissioning of 6-Quad cable, emergency posts, gate telephones etc for communication on Degana-Makrana Section of Jodhpur division on North Western Railway.

कार्य की अनुमानित लागत : रुपये 149916974.39/- बयाना राशि जमा कराने हेतु : रुपये 899800/- Date of Opening of E-tender will be 24.10.19. Website particulars and notice board location were completed by this office. The eligibility criteria for the tender are mentioned on the tender document which can be downloaded w.e.f. 01.10.19 from the website www.ireps.gov.in 973-AL/19
Contact help line no. 138 for general complaints

Management Consultancy Services for the work of project upgradation / rehabilitation of existing waste water treatment plants at K&C Valley.

Amount Put to Tender: Rs. 756.30 Lakhs, EMD: Rs. 11.35 Lakhs.

Last Date and Time for Receipt of completed tender will be: 30.10.2019 upto 4.00 pm. and The Technical Tender will be opened on 02.11.2019 at 11:00 am. The details regarding the tender and participation in the e-procurement can be obtained by logging on to <https://eproc.karnataka.gov.in>

Sd/-
Chief Engineer (WWM)

राजस्थान राज्य प्रदूषण नियंत्रण मण्डल
केन्द्रीय कार्यालय जयपुर (दक्षिण)
दूरभाष: 0141-5159858
वेबसाइट: www.environment.rajasthan.gov.in, ई-मेल: rajpurouth@gmail.com
क्रमांक: राजनिस/बे.का./जय. (द.)/बालू/180/

पर्यावरणीय स्वीकृति हेतु लोक सुनवाई के लिए आम सूचना

1. सर्व साधारण को सूचित किया जाता है कि "मैसर्स ए.आर.एल. इन्फ्राटेक लि. (पुराना नाम अंकिट कर्मिंग लि.)" द्वारा खसरा नं. 718, 719, 720, 721, 885/722 एवं 717 (पाट) ग्राम-दहमी खुर्द, बगर, तहसील-सांगानेर जिला जयपुर में स्थित एस्केटॉस एवं नॉन एस्केटॉस सीमेन्ट शीट एवं प्रेशर पाईप्स राजस्थान राज्य प्रदूषण नियंत्रण मण्डल (यहां तथा बाद में मण्डल के नाम से अभिलिखित) के समक्ष प्रस्तुत किया गया है। 2. और चूंकि "मैसर्स ए.आर.एल. इन्फ्राटेक लि. (पुराना नाम अंकिट कर्मिंग लि.)" द्वारा खसरा नं. 718, 719, 720, 721, 885/722 एवं 717 (पाट) ग्राम-दहमी खुर्द, बगर, तहसील-सांगानेर जिला जयपुर में स्थित एस्केटॉस एवं नॉन एस्केटॉस सीमेन्ट शीट एवं प्रेशर पाईप्स (1,60,000 एम.टी. प्रति वर्ष से 2,40,000 एम.टी. प्रति वर्ष) परियोजना की पर्यावरणीय स्वीकृति के लिए लोक सुनवाई बाबत आवेदन किया है। 3. और चूंकि मण्डल को उक्त परियोजना के पर्यावरणीय स्वीकृति हेतु इस आशय की सूचना जारी कर 30 दिवस का नोटिस दिया जाना आवश्यक है। 4. उक्त परियोजना से संबंधित पर्यावरणीय प्रभाव आकलन रिपोर्ट एवं संक्षिप्त कार्यपालक सार निम्नांकित कार्यालयों पर उपलब्ध है :-
(1) जिला कलक्टर, जयपुर (2) राजस्थान राज्य प्रदूषण नियंत्रण मण्डल, मुख्यालय, 4 संस्थानिक क्षेत्र, अलीगंज, लखनऊ (उ.प्र.) (3) केन्द्रीय कार्यालय, वन एवं पर्यावरण मंत्रालय, केन्द्रीय भवन, 5वां तलाक, सेक्टर एच, पंचायत, दहमी कला, बगर, जयपुर। (4) पर्यावरण विभाग, राजस्थान सरकार, शासन सचिवालय, जयपुर। (5) मुख्य कार्यकारी अधिकारी, जिला परिषद, जयपुर। (6) जिला उद्योग केन्द्र, जयपुर (ग्रामीण)। (7) ग्राम (दक्षिण), 4, पर्यावरण मार्ग, संस्थानिक क्षेत्र झालाना झूरी, जयपुर।
अतः सर्व साधारण को सूचित किया जाता है कि उक्त परियोजना के पर्यावरणीय स्वीकृति से संबंधित प्रकरण के निपटारे के लिए लोक सुनवाई दिनांक 06.11.2019 (बुधवार) को प्रातः 11:00 बजे स्थान-राजीव गांधी सेवा केन्द्र दहमी कला बगर जयपुर में उपस्थित होकर अपने सुझाव/आक्षेप प्रस्तुत कर सकते हैं। साथ ही किसी भी संबन्धित व्यक्ति द्वारा लिखित सुझाव/आक्षेप इस सूचना के प्रकाशन की तिथि से 30 दिवस के अन्दर केन्द्रीय कार्यालय, राजस्थान राज्य प्रदूषण नियंत्रण मण्डल, जयपुर (दक्षिण), 4, संस्थानिक क्षेत्र, झालाना झूरी, जयपुर में दिये जा सकते हैं।
केन्द्रीय अधिकारी
जयपुर (दक्षिण)

Project	: Asbestos and Non asbestos Cement Sheets & Pressure Pipe manufacturing unit	Compliance Report of the conditions laid in the Environmental Clearance from April 2023- Sept. 2023
Promoter	: ARL Infratech Ltd.	

ANNEXURE XXXII

Submission receipt of previous compliance report

	Gaurang Environmental Solutions Pvt. Ltd.	
	Report Ref : GESPL_215(A)/2023-24/Certified Compliance/232	Rev No. 02



No. 124/413
June 2, 2023

The Member Secretary (MUID)
Rajasthan State Pollution Control Board,
4, Institutional Area, Jhalana Doongri,
Jaipur-302004, Rajasthan

Sub: Regarding compliance of the conditions laid in the Environment Clearance issued for Expansion of Asbestos and Non Asbestos Cement sheets & pressure Pipes (1,60,000 MTPA to 2,40,000 MTPA) situated at Village - Dahami Khurd, Bagru, Tehsil - Sanganer, District - Jaipur (Rajasthan) by ARL Infratech Limited

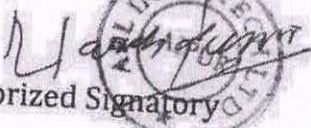
Ref: Environment Clearance issued vide letter no J-11011/343/2007-IA II(I) dated 01.12.2020

Sir,

In regards to the above, please find enclosed the half yearly Compliance Report to the conditions laid in the Environment Clearance for the period of October, 2022 to March 2023 issued for Expansion of Asbestos and Non Asbestos Cement sheets & pressure Pipes (1,60,000 MTPA to 2,40,000 MTPA) situated at Khasra No. 718, 719, 720, 721, 885/722 & 717 (Part), Village - Dahami Khurd, Bagru, Tehsil - Sanganer, District - Jaipur (Rajasthan) by ARL Infratech Limited, for your kind perusal.

Thanking You

For **ARL INFRATECH LTD.**


Authorized Signatory

Encl.: As above



ARL Infratech Ltd.

Akshat House, A - 27/13A, Kanti Chandra Road, Bani Park, Jaipur - 302 016 India
T: +91 - 141 - 6604777 | www.arlinfratech.com

CIN:-U26932RJ1996PL 247/254

Project	: Asbestos and Non asbestos Cement Sheets & Pressure Pipe manufacturing unit	Compliance Report of the conditions laid in the Environmental Clearance from April 2023- Sept. 2023
Promoter	: ARL Infratech Ltd.	

ANNEXURE XXXIII

Environment statement submission receipt

	Gaurang Environmental Solutions Pvt. Ltd.	
	Report Ref : GESPL_215(A)/2023-24/Certified Compliance/232	Rev No. 02



No. 124/546
October 27, 2023

The Member Secretary (MUID)
Rajasthan State Pollution Control Board
4, Institutional Area, Jhalana Dungri
Jaipur - 302004 (Rajasthan)

Sub.: Environmental Statement (Form V) for the year 2022-23, for Asbestos and Non Asbestos Cement Sheet and Pressure Pipe (2,40,000 MTPA) at Khasra No. 718, 719, 720, 721, 885/722 & 717(Part), Village Dahami Khurd Bagru, Tehsil Sanganer, District - Jaipur (Rajasthan)

Ref.: 1. F(Tech)/Jaipur(Sanganer)/6761(1)/2021-2022/4170-4172 dt. 24.11.2021.
2. Authorization No. RPCB/HWM/2021-2022/MUID/HSW/21 dt. 03.02.2022
3. Environmental Clearance vide letter No. J-11011/343/2007-IAII(I) dated 01.12.2020

Sir,

With respect to the above mentioned subject; please find enclosed herewith, the Environmental Statement in prescribed format (Form V), for the year 2022-23, for our Asbestos and Non Asbestos Cement Sheet and Pressure Pipe (2,40,000 MTPA) at Khasra No. 718, 719, 720, 721, 885/722 & 717(Part), Village Dahami Khurd Bagru, Tehsil Sanganer, District - Jaipur (Rajasthan)

Thanking you,

Yours truly,
For ARL Infratech Limited

Authorized Signatory

Encl.: As above

CC: The Director, MoEF&CC, A-218 & B 216, Aranya Bhawan, Mahatma Gandhi Road, Jhalana Institutional Area, Jaipur, Rajasthan - 302004

ARL Infratech Ltd.

"Akshat House", A - 27/13A, Kanti Chandra Road, Bani Park, Jaipur - 302 016 India
T: +91 - 141 - 6604777 | E-mail: arl@arlinfratech.com | Website: www.arlinfratech.com
CIN: U26932RJ1996PLC012146



Project: Asbestos Cement Sheets and Pressure Pipes (2,40,000 TPA), located at Village Dahami Khurd, Tehsil - Sanganer, District - Jaipur, Rajasthan

Applicant: ARL Infratech Limited

Form V -Environmental Statement

FORM V

ENVIRONMENTAL STATEMENT

FOR THE FINANCIAL YEAR ENDING 31st MARCH 2023

PART A

a)	Name and address of the owner/occupier of the industry, operation or process.	ARL Infratech Limited located at Khasra Nos. 718, 719, 720, 721, 885/722 & 717(part), Village Dahami Khurd, Tehsil - Sanganer, District - Jaipur, Rajasthan
b)	Industry category Primary- (STC Code) Secondary- (STC Code).	Red
c)	Production capacity	2,40,000 TPA
d)	Year of establishment.	1995-96
e)	Date of the last environmental statement submitted.	29.08.2022

PART-B

(i) Water consumption (m³/day):

S. No.	Parameters	Fresh Water consumption in m ³ /day	
		During the previous Financial year 2021-22	During the Current Financial year 2022-23
a)	Process	64	61
b)	Domestic	20	20
Name of Product		Water consumption per unit of product output in m ³ /day	
a)	Asbestos based cement Sheets and pipes	74.40	71.37

ii) Raw Material Consumption*

Raw Material Consumption		Consumption of raw material per unit of product output (in TPD)			
Name of Product	Name of Raw material	During the previous Financial year 2021-22		During the Current Financial year 2022-23	
		Sheet Unit	Pipe Unit	Sheet Unit	Pipe Unit
Asbestos based cement sheets & Pipes	Asbestos Fibre	17284.897	232.268	18248.114	593.283
	Fly-Ash	59501.223	1168.074	58682.117	2456.982
	Cement	90588.245	1829.800	93343.168	4463.800
	Others (Pulp / Dry Waste)/ PVA etc.	4426.684	2.931	4653.290	1.345



Project: Asbestos Cement Sheets and Pressure Pipes (2,40,000 TPA), located at Village Dahami Khurd, Tehsil - Sanganer, District - Jaipur, Rajasthan

Applicant: ARL Infratech Limited

Form V -Environmental Statement

*Industry may use codes if disclosing details of raw material would violate contractual obligations, otherwise all industries have to name the raw materials used.

PART-C

POLLUTION DISCHARGED TO ENVIRONMENT/ UNIT OF OUTPUT

Pollution discharged to environment/unit of output

(Parameter as specified in the consent issued)

S. No.	Pollutants	Quantity of pollutants discharged (mass/day)	Concentrations of pollutants in discharges (mass/volume)	Percentage of variation from prescribed standards with reason
A.	Water *	Zero discharge	No discharge	Zero discharge is maintained
1	Total Suspended Solids	-	Not applicable as no discharge	Within permissible standards
	pH Value	-		Within permissible standards
3	Oil & Grease	-		Within permissible standards
4	BOD (3 days at 27° C	-		Within permissible standards
5	Phosphates as P	-		Within permissible standards
6	COD	-		Within permissible standards

*There is no effluent generation from manufacturing process. Domestic effluent generated to the tune of about 14 KLD is treated in STP and treated water is reused in process and for green belt & plantation.



Project: Asbestos Cement Sheets and Pressure Pipes (2,40,000 TPA), located at Village Dahami Khurd, Tehsil - Sanganer, District - Jaipur, Rajasthan

Applicant: ARL Infratech Limited

Form V -Environmental Statement

(B) Air Pollution Load:

S. No.	Pollutants	Quantity of pollutants discharged (mass/day)	Concentrations of pollutants in discharges (mass/volume)	Percentage of variation from prescribed standards with reasons
1.	Automatic debuggging system			
a.	Particulate matter			
b.	Asbestos Fibre		0.041 fiber/cc (Plant-1st) 0.057 fiber/cc (Plant-2nd) 0.061 fiber/cc (Pipe Unit)	
2.	Pulveriser (1 Nos)			
a.	Particulate matter		1.17 mg/Nm ³	0
b.	Asbestos Fibre		0.057 fiber/cc	0
3.	Bag Shredder (2 Nos)			
a.	Particulate matter		0.95 mg/Nm ³ (Plant-1st) 0.83 mg/Nm ³ (Plant-2nd)	0
b.	Asbestos Fibre		0.041 fiber/cc (Plant-1st) 0.057 Fibre/cc (Plant-2nd)	0
4.	Sheet Cutting Machine			
a.	Particulate matter		0.89 mg/Nm ³	0
b.	Asbestos Fibre		0.051 fiber/cc	0
5.	Pipe Turning Machine – 1			
	Particulate matter		0.63 mg/Nm ³	0
6.	Pipe Turning Machine – 2			
	Particulate matter		0.72 mg/Nm ³	0
7.	Bag Shredder (Pipe Unit)			
	Particulate matter		0.90 mg/Nm ³	0

PART-D

HAZARDOUS WASTES

(As specified under Hazardous and Other Waste (Management and Transboundary Movement) Rules, 2016)

S. No.	Pollutants	Total quantity (in Kg)	
		During the previous Financial year 2021-22	During the Current Financial year 2022-23
1.	From process		
a.	Asbestos containing residues (broken sheets & pipes)	546.424 MT	524.104 MT



Project: Asbestos Cement Sheets and Pressure Pipes (2,40,000 TPA), located at Village Dahami Khurd, Tehsil - Sanganer, District - Jaipur, Rajasthan

Applicant: ARL Infratech Limited

Form V -Environmental Statement

PART-E SOLID WASTES


S. No.	Pollutants	Total quantity	
		During the previous Financial year 2021-22	During the Current Financial year 2022-23
1.	From process		
a.	Asbestos containing residues (broken sheets & pipes)	489.250 MT	468.525 MT
2.	From pollution control facilities		
A.	STP Sludge	60 kg	kg
3.	Quantity recycled or reutilized*		
a.	Asbestos containing residues (broken sheets & pipes)	533.725 MT	521.315 MT
b.	Dust from dust collectors	Total recycled back into process	Total recycled back into process

* Entire quantity of asbestos containing residues and dust from pollution control devices is recycled back into the process in a closed loop. STP Sludge (dried & treated) is used as manure for greenbelt & landscaping within plant premises.

PART-F

Please specify the characterization (in terms of composition and quantum) of hazardous as well as solid wastes and indicate disposal practice adopted for both these categories of wastes.

- **Hazardous waste**—Asbestos containing residues generated from the Process (Broken sheets & pipes) are pulverized and recycled in the closed circuit process.
- **Municipal Solid waste** generated including waste food & organic waste is being sent to compost pit located within site premises. Twin-bin segregation system is being used for collection of waste & is being disposed off through approved vendor to municipal disposal site.
- **Dry waste from APCD** generated is mixed with water to form slurry, which is recycled into the process.

	Project: Asbestos Cement Sheets and Pressure Pipes (2,40,000 TPA), located at Village Dahami Khurd, Tehsil - Sanganer, District - Jaipur, Rajasthan	
	Applicant: ARL Infratech Limited	Form V -Environmental Statement

PART-G

Impact of the pollution abatement measures taken on conservation of natural resources and on the cost of production.

- ARL Infratech Limited is a zero discharge unit and hence processes adopted for pollution abatement has no adverse impact on natural resources.
- Sludge generated from STP is used as manure after drying & suitable treatment for landscaping & greenbelt development within plant premises. Dust collected in air pollution control devices as Dry waste is recycled back into the process.
- Cost of production is thus reduced and natural resources are also conserved.

PART-H

Additional measures/ investment proposal for environmental protection, abatement of pollution, prevention of pollution.

- Covered conveyors for material transportation
- Use of water efficient techniques such as changing curing mode (of sprinkling for 21 days) to wrapping of stacked sheets with flexible poly films has resulted in significant saving of water.
- Existing measures are adequate for effective storage / handling / treatment of liquid, Solids & Air pollution control requirements and hence no additional proposal / investment are contemplated.
- The unit is certified for ISO 14001 and ISO 9001 certification & has BIS certification as well.

PART-I

Any other particulars for improving the quality of the environment.

1. Plantation & landscaping in and around the plant area.
2. Housekeeping is maintained in good condition in and around factory.
3. Rain water harvesting through 11 number harvesting structures for ground water recharge.
4. CSR activities for socio-economic development of nearby areas including provision for solar P.V. Plant, arrangement for drinking water systems (R.O Plant), assistance to the aged in coordination with local administration, plantation drives etc.





GAURANG ENVIRONMENTAL SOLUTIONS PRIVATE LIMITED

SIMPLIFYING SUSTAINABILITY

**Accredited EIA Consultant Organization by NABET, QCI, New Delhi at S. No. 90 in list of
Accredited EIA Consultant Organizations
(as on December, 2023)**

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NABET Accreditation: NABET/EIA/2023/SA 0203