

CERTIFIED COMPLIANCE REPORT OF CONDITIONS LAID IN THE ENVIRONMENTAL CLEARANCE

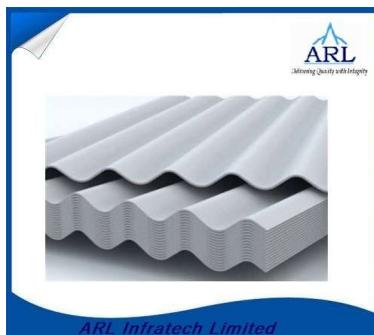
11011/359/2005-IA II(I)

OF

“ARL INFRATECH LIMITED”

At

**F-124, Road No. 4, RIICO Industrial Area, Bindayaka,
Tehsil: Jaipur, 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



⁰⁹
No. ~~127~~/574
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 Pipes (9000 TPA to 15000 TPA) situated at RIICO Industrial Area, Bindayaka, Tehsil: Jaipur, District: Jaipur, Rajasthan by ARL Infratech Limited

Ref: Environment Clearance issued vide letter no J-11011/359/2005-IA II(I) dated 11.10.07

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 Apr 2023 to Sep 2023 issued for Expansion of Asbestos Cement Pipes (9000 TPA to 15000 TPA) situated at F-124, Road No. 4, RIICO Industrial Area, Bindayaka, Tehsil: Jaipur, District: Jaipur, Rajasthan for your kind perusal.

Thanking You
For ARL Infratech Ltd.

(Authorized signatory)

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

INDEX

S. No	PARTICULARS	Page No
A	Indemnification	1-2
B.	Compliance to the conditions laid in the Environment Clearance	3-15
C.	APPENDIX	16-38
1	Copy of Environmental Clearance Letter	Appendix I 17-21
2	Copy of Consent to operate Letter	Appendix II 22-28
3.	Current site photograph	Appendix III 29-30
4.	Copy of Certificate of Accreditation & NABET Certificate	Appendix IV 31-36
5.	NABL certificate	Appendix V 37-38
	ANNEXURES	39-213
1.	Photographs showing packed Bags	40-41
2.	Photographs showing closed vehicles used for transportation of cement and fly ash	42-43
3.	Photograph showing Automatic Debagger	44-45
4.	Photograph showing APCD	46-49
5.	Monitoring reports	50-66
6.	Photographs of separate storage area for Asbestos bags	67-68
7.	Photographs of Industrial Vacuum Cleaner	69-70
8.	Water consumption Record	71-72
9.	Copy of Authorization under Hazardous Waste	73-78
10.	Photographs showing piling of pipes of AC sheets in wet condition	79-80
11.	Health Records of workers	81-187
12.	Photographs of safety signs and safety arrangement in project premises	188-189
13.	Copy of hazardous waste annual return	190-192
14.	Copy of Environment statement form V	193-199
15.	Photographs showing Greenbelt & plantation at site	200-201
16.	Details of Expenditure on EMP	202-203
17.	Photographs showing RWH Structures	204-205
18.	Copy of Corporate Environment Policy	206-211
19.	Copy of Previous EC Compliance Receiving with Environmental statement Form V	212-213

Project	: A.C. Pressure Pipe Manufacturing Unit
Promoter	: ARL Infratech Limited-Unit Bindayaka

Compliance Report of the conditions laid in the EC for April 2023-Sept 2023
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INDEMNIFICATION



Gaurang Environmental Solutions Pvt. Ltd.	
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Report Ref : GESPL_215(B)/2023-24/EC-Compliance/263	Rev No. 01
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Project: - A.C. Pressure Pipe Manufacturing Unit	Indemnification
Promoter: - ARL Infratech Limited-Unit Bindayaka	

INDEMNIFICATION

Utmost care has been taken in preparation of this EC Compliance Vis a Vis M/s Asbestos cement pressure pipes manufacturing unit located at F-124, Road No. 4, RIICO Industrial Area, Bindayaka, Tehsil & District- Jaipur, Rajasthan. Promoted by **ARL Infratech Ltd. (earlier, Ankit Roofing 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(B)/2023-24/EC-Compliance/263
Type of Report	EC (Environmental Clearance) Compliance
Revision No.	01
Issue to	ARL Infratech Ltd. (earlier, Ankit Roofing Ltd.),
Issue Date	11.10.2007

	Gaurang Environmental Solutions Pvt. Ltd.	
	Report Ref: GESPL_215(B)/2023-24/EC-Compliance/263	

Project	: A.C. Pressure Pipe Manufacturing Unit
Promoter	: ARL Infratech Limited-Unit Bindayaka

Compliance Report of the conditions laid in the EC for April 2023-Sept 2023
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COMPLIANCE TO THE CONDITIONS LAID IN THE ENVIRONMENT CLEARANCE



Gaurang Environmental Solutions Pvt. Ltd.	
Report Ref : GESPL_215(B)/2023-24/EC-Compliance/263	Rev No. 01

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. O. 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:


Monitoring compares data that has been collected in the assessment with the standards, predictions and expectations outlined prior to the project's commencement. Post project monitoring takes into consideration compliance to the guidelines set out and the effectiveness of the project. In some cases, multiple projects may be included in the monitoring process in order to compare effects and outcomes from various studies.

2. Evaluation:

Evaluation takes into account the findings of the project in relation to standards, pre-project predictions and expectations. It often includes scientific and technical policies.

3. Management:

Management is the act of responding of the issues which arise from the monitoring and

	Gaurang Environmental Solutions Pvt. Ltd.	Page No.
	Report Ref : GESPL_215(B)/2023-24/EC-Compliance/263	Rev No. 01

evaluation processes. The role of management is undertaken by the parties including the proponent and the regulator.

4. Communication:

Communication is the act of informing project stakeholders and the general public about the results from the EIA follow-up. Again the proponent and the regulator may be involved in the communication process.

OBJECTIVES OF THE STUDY:

- 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

METHODOLOGY:

- 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)

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:

M/s ARL Infratech Ltd. (earlier, Ankit Roofing Ltd.), is an existing asbestos cement pressure pipes manufacturing unit located at F-124, Road No. 4, RIICO Industrial Area, Bindayaka, Tehsil & District- Jaipur, Rajasthan. The present sanctioned production capacity of AC Pressure Pipe is 15,000 TPA. The project has been granted Environmental Clearance by MoEF&CC, New Delhi (erstwhile MoEF) vide letter no-11011/359/2005-IA II(I) dated October 11, 2007. Copy of Environmental Clearance is enclosed as **Appendix I**. The project is in operation phase and Consent to operate has been obtained from Rajasthan State Pollution Control Board vide letter no. F(MUID)/JAIPUR(Jaipur(VKIA))/2205(1)/2019-2020/7434-7436 dated Mar 17 2023 valid Upto 31/01/2028. Copy enclosed as **Appendix II**.

PROJECT DESCRIPTION:

Location	:	F-124, Road No. 4, RIICO Industrial Area, Bindayaka, Tehsil & District- Jaipur, Rajasthan		
Plot Area	:	7765.55 sq. m.		
Product		Asbestos Cement Pressure Pipes		
Production capacity		15,000 TPA		
Water Demand	:	7 KLD (Fresh:-3.5KLD, Recycled 3.5 KLD)		
Power Demand	:	50 KW		
Power backup		DG Set 1No. x 125 KVA		
DG Set stack		15 mts.		
Process stack		S. No.	Stack attached to	Stack Height
		1	Pipe Turning M/C-1	12.0 m
		2	Pipe Turning M/C-2	12.5 m



		3	Fibre Mill, Bag shredder & BOD	12.5 m
Rain water Harvesting Structure	:	2 Nos.		

PROJECT STATUS:

The project is in operation since 1996 for asbestos cement pressure pipes manufacturing to the tune of 15,000 TPA. Current site photograph is enclosed as **Appendix III.**

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 **Appendix IV.** The environmental parameters were recorded by vibrant techno lab private limited, plot no. SC 40, 3RD Floor, Narayan vihar s, Ajmer road, Jaipur, Rajasthan, India (NABL & MoEF&CC approved environmental testing laboratory). NABL certificate is enclosed as **Appendix V.**

COMPLIANCE OF THE CONDITIONS LAID IN THE
ENVIRONMENTAL CLEARANCE

(A) SPECIFIC CONDITIONS

S. No.	Conditions	Compliance Status
i.	The project proponent shall adhere to the prescribed BIS standards and laws regarding use and handling of asbestos, safety of employees etc. Raw materials like asbestos fibre and cement should be transported in closed containers. Asbestos fibre shall be brought in pelletized form, in impermeable bags and under compressed condition.	The same is noted and is being complied with. Applicable BIS standards relevant to manufacture of A.C. Pressure Pipes are being adhered to. Transportation of Asbestos Fibre is in pressure-packed and shrink-wrapped bags in pallets (Photographs enclosed as Annexure I.) Photographs showing transportation of cement and fly ash in closed vehicles is enclosed as Annexure II.
ii.	Blue asbestos shall not be utilized as raw material in the manufacturing process. A written commitment in this regard should be furnished within a period of one month.	The same is noted and is being complied with. Blue Asbestos has never been used in the manufacturing process and import of Blue Asbestos is prohibited. A written commitment in this regard has already been submitted.
iii.	There shall be no manual handling/opening of asbestos fibre bags. The Company shall install fully automatic asbestos fibre debagging system before commissioning the unit.	The same is noted and is being complied with. There is no manual handling/opening of Fibre bags. Automatic De bagger is used to open bags automatically under negative pressure. Photographs of automatic bag opening system are attached as Annexure III.
iv.	Fugitive emissions generated from hopper of Jaw crusher and Pulverizer shall be channelized through hood with proper suction arrangement, bag filter and stack. Dust collectors shall be installed to control air emissions.	The same is noted and are being complied with. Dust Extraction systems and bag filters are installed at all possible dust generation points. Stack of 16 m height has been provided with Pulverizer. Photographs of Pollution Control Equipment & stack are attached as Annexure IV.
v.	The Company shall comply with total	Dust emission limits are maintained below

S. No.	Conditions	Compliance Status
	dust emission limit of 2 mg/Nm ³ as notified under the Environment (Protection) Act, 1986. Adequate measures should 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 fiber/cc. Further, the fibre count shall not exceed 0.1 fibre/cc in the work zone area.	0.5mg/Nm ³ by following good housekeeping practices. The Asbestos fibre count is always far below the permissible limit. Comparison of the Asbestos fibre as well as Total dust emission concentration recorded during the compliance period is given below. Copy of the latest monitoring reports is enclosed as Annexure V . However outside the plant the dust concentration is sometimes high due to sand storms commonly prevailing in summer season.
vi.	Bags containing asbestos fibre shall be stored in closed area to avoid fugitive emission of asbestos fibre from damaged bags, if any.	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 fugitive emissions during handling & transportation. Photographs of separate storage area for Asbestos bags are enclosed as Annexure VI .
vii.	Better housekeeping practices shall be adopted for improvement of the environment within the work environment. These include:	
a)	All monitoring transfer points shall be connected to dust extraction system.	All main material transfer points are fully closed / covered with hoods attached to dust extraction system connected to fabric filters. Photographs showing hoods, covered conveyors, dust collectors & bag filters are enclosed as Annexure IV .
b)	Leakages or dust from machines and ducts shall be plugged.	Contents of para vii (b) are duly noted & being complied with. Leakages or dust from the machines and ducts are immediately plugged and the area is cleaned with

S. No.	Conditions	Compliance Status
		the help of Industrial Vacuum Cleaning System. Regular & preventive maintenance of machinery & equipment is being carried out.
c)	Floor shall be cleaned by vacuum cleaner only.	The floors are regularly cleaned in a 3step 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 VII .
d)	Enclosed belt conveyer shall be used instead of manual transportation of asbestos within the premises.	There is no manual transportation of opened Asbestos bags within the premises.
viii.	Regular measurement of pollutants (SPM, asbestos fibre count) in the work zone area and stack(s) shall be undertaken by setting up a dedicated laboratory. In addition, the asbestos fibre count in the work zone area shall be got monitored by an independent monitoring agency like NIOH/ITRC/ NBC etc. on a six monthly basis. The monitored data shall be submitted to the Rajasthan State Pollution Control Board (RSPCB) once in three months and to this ministry every six months.	In-house Monitoring facilities have been developed for sampling and analysis of fugitive emissions. The monitoring of Asbestos Fibre count in the work zone area is periodically carried out by the Chief Inspector, Factories & Boilers Inspection Department, Jaipur, Rajasthan and we also get it done from independent agencies approved by NABL. Comparison of the Asbestos fibre as well as Total dust emission concentration recorded during the compliance period for is given below. Copy of the latest monitoring reports is enclosed as Annexure V .
ix.	Total ground water requirement shall not exceed 3500 liters/day and prior 'Permission' for the drawl of ground water shall be obtained from the State	The manufacturing process is based on zero discharge philosophy and the entire process water is recycled and reused. The domestic waste water is disposed off to soak



S. No.	Conditions	Compliance Status
	Ground Water Board/Central Ground water Board (SGWB/CGWA). No process water shall be discharged and 'zero' discharge shall be adopted and entire process effluent shall be reused/recycled in the manufacturing process. The domestic wastewater shall be treated in septic plant followed by soak pit and used for green belt development.	pit via septic tank. Water consumption records are being maintained. Copy of the same is enclosed as Annexure VIII.
x.	The Company shall ensure that the entire solid waste generated including process pipe/sheet cutting, rejects, dust from bag filters and empty asbestos bag after shredding shall be recycled and reused in the manufacturing process. The disposal facilities for asbestos waste shall be in accordance with the Bureau of Indian Standard code.	Bindayaka unit of ARL Infratech Ltd. is manufacturing only AC Pressure pipes. The entire solid waste generated including pipe pieces/cuttings, rejects, dust from bag filters and empty asbestos 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 vide letter no. F(HSW)/Jaipur(Jaipur)/23(1)/2009-2010/149-151 dated 10/04/2023. Copy of the same is enclosed as Annexure IX.
xi.	The cut and damaged fibre bags shall immediately be repaired. Piling of AC sheets shall be done in wet condition only.	The cut fibre bags are shredded in the bag shredder attached to the bag opening device and fed to slurry mixer for use in the process. Bindayaka unit of ARL Infratech Ltd. is manufacturing only AC Pressure pipes. The AC pipes after initial setting are cured in water tanks and ready for dispatch after 7 to 14 days. Photographs showing piling of AC sheets in wet

S. No.	Conditions	Compliance Status
		condition is enclosed as Annexure X.
xii.	Regular medical examination of workers and health monitoring of the employees shall be carried out and records maintained up to minimum 40 years from the beginning of employment or 15 years after retirement or cessation of employment whichever is lower. A competent occupational health physician should be appointed to carry out medical surveillance. The occupational health monitoring must be strengthened to include periodic (six months) sputum test along with pulmonary test supplemented by x-ray test annually. The company should also provide medical and health care facilities at the work place and if cases of asbestosis are detected necessary compensation should be arranged under the existing laws.	<p>As required, we are arranging for medical tests of all of our workers at regular intervals. We carry out medical fitness test of workers assigned to work in the Fibre processing zone at the time of appointment.</p> <p>The health records are then regularly maintained and examined by a competent occupational health physician; no case of asbestosis has been detected so far.</p> <p>Copy of latest medical records of some of our employees working in asbestos exposure work areas are enclosed as Annexure XI on sample basis.</p>
xiii.	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.	<p>Necessary warning and safety signages etc. have already been displayed at prominent locations in vernacular (Hindi).</p> <p>We give utmost importance to keep the plant clean and maintain good housekeeping.</p> <p>We have Industrial Vacuum Cleaners for sweeping the floors through Vacuum cleaning. The ventilation systems also conform to the requirement of Factory Act.</p> <p>Photographs of safety signs and safety arrangement in project premises are attached as Annexure XII.</p>

(B) GENERAL CONDITIONS:


S. No.	Conditions	Compliance Status
i.	The project authority must adhere to the stipulations made by Rajasthan State Pollution Control Board and the State Government.	Same is noted and complied with.
ii.	No further expansion/modification in the plant shall be carried out without prior approval of the Ministry of Environment and Forests.	Contents of para ii are duly noted & are being complied with. No expansion and modification in the plant shall be carried out without prior approval from concerned authorities.
iii.	The project authorities shall strictly comply with the rules and regulations with regard to handling and disposal of hazardous wastes in accordance with the Hazardous Wastes (Management & Handling) Rules, 2003.	Valid authorization under Hazardous Waste Rules has been obtained from RSPCB. We are complying with provisions of HWMR 2016 and conditions of authorization. Copy of Authorization vide letter No. F(HSW)/Jaipur(Jaipur)/23(1)/2009-2010/149-151 dated 10/04/2023. Copy of the same is enclosed as Annexure IX . Hazardous waste annual return is also filled and submitted to authority Copy of HZ annual return is enclosed as Annexure XIII Copy of environment Statement is enclosed as Annexure XIV
iv.	Proper housekeeping shall be maintained within the plant premises. Process machinery, exhaust and ventilation system will be laid in accordance with Factories Act.	ARL Infratech Ltd maintains proper housekeeping in the plant. The company has Industrial Vacuum Cleaners for sweeping the factory floors. The ventilation systems also conform to the requirement of Factory Act. Photographs showing industrial vacuum cleaners are enclosed as Annexure VII .
v.	Green belt shall be developed in 33% area in consultation with DFO as per CPCB	Greenbelt along plant periphery & plantation in the premises is being done in consultation with

S. No.	Conditions	Compliance Status
	guidelines.	Forest Department. Photographs of greenbelt & Plantation are enclosed as Annexure XV .
vi.	The project proponent shall also comply with safeguard recommended in the EIA/EMP Report.	Contents of para vi are duly noted & are being complied with. Details regarding the EMP is enclosed as Annexure XVI .
vii.	The Company shall also undertake water harvesting measures to recharge the ground water.	Contents of para vii are duly noted & have been complied with 2 Nos Rain Water harvesting structures have been constructed within premises. Photographs of rainwater harvesting structure are enclosed as Annexure XVII .
viii.	The project authorities shall set up a separate environmental management cell for effective implementation of all the above stipulations under control of Senior Executive.	The company has a well laid down Corporate Environmental Policy with a dedicated environmental management cell to address environmental related issues. Copy of the same is enclosed as Annexure XVIII .
ix.	Adequate funds shall be provided towards capital cost and recurring cost/annum for environmental pollution control measures to implement the conditions stipulated by the Ministry of Environment and Forests as well as the State Government along with the implementation schedule for all the conditions stipulated herein. The funds so provided should not be diverted for any other purpose.	The Company has already made the investment and budgeted for recurring costs w.r.t environment management as required by RPCB, MoEF&CC and EPA acts.
x.	The Regional Office of this Ministry at Lucknow/Central Pollution Control Board/Rajasthan State Pollution Control Board will monitor the stipulated	Regular compliance report and monitored data is submitted to Regional Office of the MoEF&CC at Jaipur and Rajasthan State Pollution Control Board.

S. No.	Conditions	Compliance Status
	conditions. A six monthly compliance status report and the monitored date along with statistical interpretation should be submitted to them regularly.	Copy of compliance submission receipt for the last compliance period is enclosed as Annexure XIX . Environmental statement Form v I also attached here.
xi.	The project Proponent shall inform the public that the project has been accorded environmental clearance by the Ministry and copies of the clearance letter are available with the Rajasthan State Pollution Control Board/Committee and may also be seen at Website of the Ministry of Environment and Forests at http://envfor.nic.in . This should be advertised within seven days from the date of issue of the clearance letter, at least in two local newspapers that are widely circulated in the region of which one shall be in the vernacular language of the locality concerned and a copy of the same should be forwarded to the Regional office at Lucknow.	Contents of para xi are duly noted & have been complied with at the time of obtaining EC.
xii	The Project authorities 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 and the date of commencing the land development work if any.	The contents of para xii are duly noted.

For ARL INFRATECH LTD.

Authorized Signatory

	Gaurang Environmental Solutions Pvt. Ltd.	Page No.
	Report Ref : GESPL_215(B)/2023-24/EC-Compliance/263	Rev No. 01

Project	: A.C. Pressure Pipe Manufacturing Unit
Promoter	: ARL Infratech Limited-Unit Bindayaka

Compliance Report of the conditions laid in the EC for April 2023-Sept 2023
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APPENDIX



Gaurang Environmental Solutions Pvt. Ltd.	
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Report Ref : GESPL_215(B)/2023-24/EC-Compliance/263	
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Rev No. 01

Project	: A.C. Pressure Pipe Manufacturing Unit
Promoter	: ARL Infratech Limited-Unit Bindayaka

Compliance Report of the conditions laid in the EC for April 2023-Sept 2023
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APPENDIX I

Copy of Environmental Clearance Letter



Gaurang Environmental Solutions Pvt. Ltd.	
Report Ref : GESPL_215(B)/2023-24/EC-Compliance/263	Rev No. 01

F. No. J-11011/359/2005- IA II (I)
Government of India
Ministry of Environment and Forests
(IA Division)

Paryavaran Bhawan
CGO Complex, Lodhi Road
New Delhi - 110 003

E-mail: pb.rastogi@nic.in
Telefax : 011-24367668
Dated 11th October, 2007

To,
✓ M/s Ankit Roofings Ltd.
Akshat House, A-27/13-A
Kanti Chandra Road, Banipark
Jaipur-302 016, Rajasthan

E-mail : ankitroofings@rediffmail.com ; Fax No : 0141 - 5105458

Subject : Expansion of Asbestos Cement Pipes (9,000 to 15,000 TPA) at Bindayaka,
Jaipur, Rajasthan by M/s Ankit Roofings Ltd. – Environmental clearance reg.
Ref. : Your letter no. 04/228 dated 25th June, 2007.

Sir,

This has reference to your letter no. 04/228 dated 25th June, 2007 along with project documents including Application in Schedule II, Questionnaire, EIA/EMP and containing above documents and subsequent communications vide letters dated 10th July, 2007 and 25th August, 2007 seeking environmental clearance on the above mentioned project.

2.0 The Ministry of Environment and Forests has examined your application. It is noted that M/s Ankit Roofings Ltd. have already been accorded environment clearance for the existing Asbestos Cement Pipe Plant (9,000 TPA) at Village Bindayaka, Tehsil Jaipur, District Jaipur, Rajasthan vide letter no. J-11011/359/2005-IA.II (I) dated 23rd December, 2005. Enhancement in the production capacity from 9,000 TPA to 15,000 TPA will be due to abolishment of the BIS standards for A.C. Pressure Pipes of Class-5 for all diameters and Class 5-10 above 200 mm diameter leading to increase in thickness of the pipes due to change in BIS specifications. Due to this, higher class AC pipes of more thickness and higher capacity, which will be heavier and used as casing pipes for bore wells resulting in higher tonnage for the same number/length of pipes will be produced.

3.0 No change in process or machinery/equipment technology and raw material or product will be done. Total raw material requirement viz. cement, asbestos, fly ash and filler will enhance from 30 TPD to 50 TPD due to enhancement in the production from 9,000 TPA to 15,000 TPA by weight but length of pipe production will remain same.

4.0 Asbestos Fibre (0.003-0.06 Fibre/cc) will be within the permissible limit. Water requirement will be reduced from 8,500 LPD to 3,500 LPD due to use of water for slurry preparation, green belt development, recycling and reuse in the process in closed circuit. All the solid waste generated will be recycled and reused in the process. Pipe cutting ends will be ground in the pulverizing unit and used in the process.

3.0 No public hearing/consultation was required due to expansion of the project from 9,000 TPA to 15,000 TPA in the same campus and increase in capacity is due to increase in thickness of the pipes for the same number / length of pipes due to abolishment of the BIS standards for



A.C. Pressure Pipes. 'Consent to Establishment' is accorded by the Rajasthan State Pollution Control Board, Jaipur vide letter no. 12(18-378) RPCB/Gr.III/528 dated 8th June, 2006 for the existing Asbestos Cement Pressure Pipe unit.

4.0 The Ministry of Environment and Forests hereby accords environmental clearance to the above mentioned project under the provisions of EIA Notification dated 14th September, 2006 subject to the compliance of specific general conditions mentioned below :

A. Specific Conditions :

- i. The project proponent shall adhere to the prescribed BIS standards and laws regarding use and handling of asbestos, safety of employees etc. Raw materials like asbestos fibre and cement should be transported in closed containers. Asbestos fibre shall be brought in pelletized form, in impermeable bags and under compressed condition.
- ii. Blue asbestos shall not be utilized as raw material in the manufacturing process. A written commitment in this regard should be furnished within a period of one month.
- iii. There shall be no manual handling/opening of asbestos fiber bags. The company shall install fully automatic asbestos fiber debagging system before commissioning the unit.
- iv. Fugitive emissions generated from hopper of Jaw crusher and Pulverizer shall be channelized through hood with proper suction arrangement, bag filter and stack. Dust collectors shall be installed to control air emissions.
- v. The Company shall comply with total dust emission limit of 2 mg/Nm³ as notified under the Environment (Protection) Act, 1986. Adequate measures should 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 fiber/cc. Further, the fibre count shall not exceed 0.1 fibre/cc in the work zone area.
- vi. Bags containing asbestos fibre shall be stored in enclosed area to avoid fugitive emission of asbestos fibre from damaged bags, if any.
- vii. Better house keeping practices shall be adopted for improvement of the environment within the work environment. 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.
 - (d) Enclosed belt conveyer shall be used instead of manual transportation of asbestos within the premises.
- viii. Regular measurement of pollutants (SPM, asbestos fibre count) in the work zone area and stack(s) shall be undertaken by setting up a dedicated laboratory. In addition, the asbestos fibre count in the work zone area shall be got monitored by an independent monitoring agency like NIOH / ITRC / NCB etc. on a six monthly basis. The monitored data shall be submitted to the Rajasthan State Pollution Control Board (RSPCB) once in three months and to this Ministry every six months.
- ix. Total ground water requirement shall not exceed 3,500 litres/day and prior 'Permission' for the drawl of ground water shall be obtained from the State Ground Water Board / Central Ground Water Board (SGWB/CGWA). No process water shall

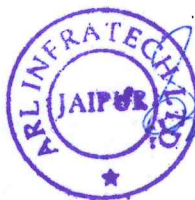


be discharged and 'zero' discharge shall be adopted and entire process effluent shall be reused/recycled in the manufacturing process. The domestic wastewater shall be treated in septic plant followed by soak pit and used for green belt development.

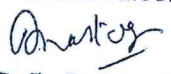
- x. The Company shall ensure that the entire solid waste generated including process pipe/sheet cuttings, rejects, dust from bag filters and empty asbestos bag after shredding shall be recycled and reused in the manufacturing process. The disposal facilities for asbestos waste shall be in accordance with the Bureau of Indian Standard code.
- xi. The cut and damaged fibre bags shall immediately be repaired. Piling of AC sheets shall be done in wet condition only.
- xii. Regular medical examination of workers and health monitoring of the employees shall be carried out and records maintained upto minimum 40 years from the beginning of employment or 15 years after retirement or cessation of employment whichever is lower. A competent occupational health physician should be appointed to carry out medical surveillance. The occupational health monitoring must be strengthened to include periodic (six months) sputum test alongwith pulmonary test supplemented by x-ray test annually. The company should also provide medical and health care facilities at the work place and if cases of asbestosis are detected, necessary compensation should be arranged under the existing laws.
- xiii. 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.

B. General Conditions :

- i. The project authority must adhere to the stipulations made by Rajasthan State Pollution Control Board and the State Government.
- ii. No further expansion/modification in the plant shall be carried out without prior approval of the Ministry of Environment and Forests.
- iii. The project authorities shall strictly comply with the rules and regulations with regard to handling and disposal of hazardous wastes in accordance with the Hazardous Wastes (Management & Handling) Rules, 2003.
- iv. Proper house keeping shall be maintained within the plant premises. Process machinery, exhaust and ventilation systems will be laid in accordance with Factories Act.
- v. Green belt shall be developed in 33 % area in consultation with DFO as per CPCB guidelines.
- vi. The project proponent shall also comply with safeguards recommended in the EIA/EMP Report.
- vii. The company shall also undertake water harvesting measures to recharge the ground water.
- viii. The project authorities shall set up a separate environmental management cell for effective implementation of all the above stipulations under control of Senior Executive.



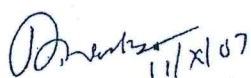
- ix. Adequate funds shall be provided towards capital cost and recurring cost/annum for environmental pollution control measures to implement the conditions stipulated by the Ministry of Environment and Forests as well as the State Government along with the implementation schedule for all the conditions stipulated herein. The funds so provided should not be diverted for any other purposes.
 - x. The Regional Office of this Ministry at Lucknow/Central Pollution Control Board/Rajasthan State Pollution Control Board will monitor the stipulated conditions. A six monthly compliance status report and the monitored data along with statistical interpretation should be submitted to them regularly.
 - xi. The Project Proponent shall inform the public that the project has been accorded environmental clearance by the Ministry and copies of the clearance letter are available with the Rajasthan State Pollution Control Board/ Committee and may also be seen at Website of the Ministry of Environment and Forests at <http://envfor.nic.in>. This should be advertised within seven days from the date of issue of the clearance letter, at least in two local newspapers that are widely circulated in the region of which one shall be in the vernacular language of the locality concerned and a copy of the same should be forwarded to the Regional office at Lucknow.
 - xii. The Project Authorities 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 and the date of commencing the land development work, if any.
- 5.0. The Ministry may revoke or suspend the clearance, if implementation of any of the above conditions is not satisfactory.
- 6.0. The Ministry reserves the right to stipulate additional conditions if found necessary. The Company in a time bound manner shall implement these conditions.
- 7.0. The above conditions shall be enforced, inter-alia under the provisions of the Water (Prevention & Control of Pollution) Act, 1974, the Air (Prevention & Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986, Hazardous Wastes (Management and Handling) Rules, 2003 and the Public Liability Insurance Act, 1991 along with their amendments and rules.


(Dr. P. B. Rastogi)
Additional Director

Copy to:

1. Secretary, Department of Environment and Forests, Government of Rajasthan, Jaipur, Rajasthan
2. Chief Conservator of Forests (Central), Ministry of Environment and Forests (Central Region), Kendriya Sadan, 5th Floor, Sector H, Aliganj, Lucknow - 226 020, U.P.
3. Chairman, Central Pollution Control Board, Parivesh Bhavan, CBD-cum-Office Complex, East Arjun Nagar, Delhi - 110032.
4. Chairman, Rajasthan State Pollution Control Board, 4, Institutional area, Jhalana, Doongri, Jaipur, Rajasthan.
5. Monitoring Cell, Ministry of Environment and Forests, Paryavaran Bhawan, CGO Complex, New Delhi.
6. Guard File.
7. Record File




(Dr. P. B. Rastogi)
Additional Director

Project	: A.C. Pressure Pipe Manufacturing Unit
Promoter	: ARL Infratech Limited-Unit Bindayaka

Compliance Report of the conditions laid in the EC for April 2023-Sept 2023
--

APPENDIX II

Copy of Consent to operate Letter



Gaurang Environmental Solutions Pvt. Ltd.

Report Ref : GESPL_215(B)/2023-24/EC-Compliance/263

Rev No. 01



Head Office (MUID)
Rajasthan State Pollution Control Board
4, Institutional Area, Jhalana Doongari, Jaipur-302 004
Phone: 0141-2716869



Registered

File No : F(MUID)/JAIPUR(Jaipur(VKIA))/2205(1)/2019-2020/7434-7436

Order No : 2022-2023/MUID/12439

Date: Mar 17 2023 4:31PM

Unit Id : 5516

M/s ARL Infratech Ltd.(Pipe Unit)

'Akshat House' A-27/13-A, Kanti Chandra Road, Banipark ,

Tehsil:Jaipur

District:Jaipur

Sub: **Consent to Operate** under Section 25/26 of the Water (Prevention & Control of Pollution) Act, 1974 and under Section 21(4) of Air (Prevention & Control of Pollution) Act, 1981.

Ref: Your application for Consent to Operate dated 17/09/2022 and subsequent correspondence.

Sir,

Consent to Operate under the provisions of Section 25/26 of the Water (Prevention & Control of Pollution) Act, 1974 (hereinafter to be referred as the Water Act) and under Section 21 of the Air (Prevention & Control of Pollution) Act, 1981, (hereinafter to be referred as the Air Act) as amended to date and rules & the orders issued thereunder **is hereby granted** for your **Industry** situated at **F-124,Road No.4, RIICO Industrial Area, Bindayaka Tehsil:Jaipur(VKIA) District:JAIPUR** , Rajasthan, subject to the following conditions:-

- 1 That this Consent to Operate is valid for a period from **01/02/2023** to **31/01/2028** .
- 2 That this Consent is granted for manufacturing / producing following products / by products or carrying out the following activities or operation/processes or providing following services with capacities given below:

Particular	Type	Quantity with Unit
Asbestos Cement Pressure Pipes	Product	15,000.00 TONS/ANNUM

- 3 That this Consent to Operate is for existing plant, process & capacity and separate Consent to Establish/Operate is required to be taken for any addition / modification / alteration in process or change in capacity or change in fuel.
- 4 That the quantity of effluent generation along with mode of disposal for the treated effluent shall be as under:

Signature Not Verified

Digitally signed by **Rajender Kumar Bora**
Date: 2023.03.17 46:31:09 IST
Reason: SelfAttested
Location:





Head Office (MUID)
Rajasthan State Pollution Control Board
4, Institutional Area, Jhalana Doongari, Jaipur-302 004
Phone: 0141-2716869

Registered

File No : F(MUID)/JAIPUR(Jaipur(VKIA))/2205(1)/2019-2020/7434-7436
Order No : 2022-2023/MUID/12439
Unit Id : 5516

Date: Mar 17 2023 4:31PM

Type of effluent	Max. effluent generation (KLD)	Recycled Qty of Effluent (KLD)	Disposed Qty of effluent (KLD)and mode of disposal
Domestic Sewage	2.800	NIL	2.800 Septic Tank and Soakpit
Trade Effluent	1.000	1.000	NIL Reuse in Process

- 5 That the sources of air emissions along with pollution control measures and the emission standards for the prescribed parameters shall be as under:

Sources of Air Emissions	Pollution Control Measures	Prescribed	
		Parameter	Standard
One DG Set(125KVA)	ACOUSTIC ENCLOSURE , ADEQUATE STACK HEIGHT	--	--

- 6 That the industry shall obtain all necessary permission from the concern authorities and District Administration Jaipur for operation of the plant.
- 7 That the total water consumption shall not exceed 7.0 KLD without prior consent of the Board and permission from CGWA and water requirement shall meet out through borewell and RIICO water supply.
- 8 That neither any ground water will be abstracted nor shall any ground water abstraction structure be constructed without obtaining prior permission from the Central Ground Water Authority (CGWA).
- 9 That the industry shall comply with all the conditions of the Environmental Clearance letter no. J-11011/359/2005-IA-II (I) dated 11.10.2007 issued by MOEF New Delhi.
- 10 That the industry shall comply with the provisions of Hazardous and Other Wastes (Management & Transboundary Movement) Rules, 2016 and daily record of sludge generation & it's disposal shall be maintained.

Signature Not Verified

Digitally signed by Rakesh Kumar
Bora
Date: 2023.03.17 16:31:09 IST
Reason: SelfAttested
Location:





Head Office (MUID)
Rajasthan State Pollution Control Board
4, Institutional Area, Jhalana Doongari, Jaipur-302 004
Phone: 0141-2716869

Registered

File No : F(MUID)/JAIPUR(Jaipur(VKIA))/2205(1)/2019-2020/7434-7436

Order No : 2022-2023/MUID/12439

Date: Mar 17 2023 4:31PM

Unit Id : 5516

- 11 That the industry shall comply with the standards as prescribed vide MOEF notification no. GSR 826(E) dated 16th November, 2009 with respect to National Ambient Air Quality.
- 12 That the industry shall ensure compliance of ambient air quality standard in respect of noise as prescribed under Environment (Protection) Act & Rules made therein.
- 13 That industry shall comply with the State Board order dated 28.02.2023 regarding noise pollution from industries and under noise Rules, 2000 in order to control ambient noise in industrial area.
- 14 That this consent to operate is valid for production of Asbestos Cement Pressure Pipes @ 15000 Tons/Annum only. For any change in product & its capacity, the unit has to seek fresh consent to operate.
- 15 That if the project cost exceeds Rs. 496.69 Lakhs for plant, the unit shall take/obtain modification in consent after paying fee as applicable.
- 16 That the unit shall ensure proper utilization and reuse of trade effluent & domestic waste water after adequate treatment for gainful purposes.
- 17 That the unit shall install adequately designed rain water harvesting structure for prevention and recharge of ground water in and around the area.
- 18 That the unit shall not allow making any obstacles to any natural water flow i.e. natural nallah/stream carrying rain water to any water body.
- 19 That the unit shall provide acoustic enclosure and adequate stack height with one D.G.Sets of 1 x 125 KVA capacity.
- 20 That the industry shall maintain the bag house arrangements to control the fugitive emissions generated during edge cutting and finishing process.
- 21 That the industry shall maintain the bag house arrangements to control the fugitive emissions generated from automatic debagging system, cement silo, fly ash silo, edge cutting machine, fiber mill, turbo mixture(03 nos) and turning machine etc
- 22 That the unit shall ensure that entire waste water generated during the pipe fabric washing & in the pipe forming process is reused in the slurry preparation and unit is maintaining zero discharge status within & outside the premises for trade effluent.
- 23 That the unit shall achieve the standards for ambient air quality w.r.t. Asbestos fiber Count as under Parameter Standard Asbestos fiber Count 0.1Fiber/CC(in work zone area) and total asbestos dust shall not exceed 2 mg/Nm3.
- 24 That regular monitoring of pollutants i.e.SPM & Asbestos Fiber count shall be got conducted by independent monitoring agency like NIOH/ITRC/NCB or any laboratory recognized by MOEF Govt. of India.
- 25 That the unit shall not use any Blue Asbestos as raw material.

Signature Not Verified

Digitally signed by Rander Kumar
Bora
Date: 2023.03.17 16:31:09 IST
Reason: SelfAttested
Location:





Head Office (MUID)
Rajasthan State Pollution Control Board
4, Institutional Area, Jhalana Doongari, Jaipur-302 004
Phone: 0141-2716869

Registered

File No : F(MUID)/JAIPUR(Jaipur(VKIA))/2205(1)/2019-2020/7434-7436

Order No : 2022-2023/MUID/12439

Date: Mar 17 2023 4:31PM

Unit Id : 5516

- 26 That the bags containing asbestos shall be stored in enclosed area to avoid fugitive emissions of asbestos fiber.
- 27 That the unit shall maintain the records of the asbestos procurement (quantity, type and source) used in the product, production and the wastages etc.
- 28 That there shall be no manual handling/opening of the asbestos fiber bags.
- 29 That in case automatic debagging system is not operated then entire process of manufacturing shall be stopped immediately.
- 30 That the unit shall not allow disposing any solid waste on land inside or outside the premises.
- 31 That quantity of domestic waste water shall be treated/ disposed of through scientifically designed septic tank & soak pit.
- 32 That the unit shall install suitable flow measuring devices/meters on the intake sources of the water and daily record of groundwater abstraction and water consumption shall be maintained.
- 33 That the industry shall obtain Environmental Clearance from competent authority under EIA Notification dated 14.9.2006 for any such activity which attracts Environmental Clearance under EIA Notification dated 14.9.2006.
- 34 That this consent to operate shall be subject to compliance of any direction or order passed by Court of Law in the matter.
- 35 That the industry shall provide the Oil & Grease trap in good condition, so that oil & grease coming with waste water from activities etc in the unit will retained in the trap.
- 36 The industry shall not use pet coke and F.O. or any other such fuel which is banned by Hon'ble Supreme Court of India or any other Court of Law or Government of Rajasthan.
- 37 That the unit shall maintain plantation at least in the 33% of total area, using concept of the social forestry and development of green belt outside the project premises in adjacent areas wherever adequate land is not available within the industrial premises.
- 38 That the unit shall furnish quarterly compliance report of consent conditions to the State Board.
- 39 That this consent is being issued on the basis of information /documents submitted by the industry. That in case, it is found during post inspection, the industry has flouted conditions of consent to operate or inadequate pollution control measures & wrong information , the consent will be revoked without further notice.
- 40 That the unit shall comply provisions 9(4) & 13(2) of Plastic Waste Management (PWM) Rules -2016 and as amended & shall submit application for registration in form-I to State Board.

Signature Not Verified

Digitally signed by Rakesh Kumar
Bora
Date: 2023.03.17 16:31:09 IST
Reason: Self Attested
Location:





Head Office (MUID)
Rajasthan State Pollution Control Board
4, Institutional Area, Jhalana Doongari, Jaipur-302 004
Phone: 0141-2716869

Registered

File No : F(MUID)/JAIPUR(Jaipur(VKIA))/2205(1)/2019-2020/7434-7436

Order No : 2022-2023/MUID/12439

Date: Mar 17 2023 4:31PM

Unit Id : 5516

- 41 That no Single use Plastic (SUP) items, which are banned vide Ministry of Environment, Forest and Climate Change (MoEF & CC), Government of India notification dated 12/08/2021 shall be used in the industry /unit premises.
- 42 That the unit shall comply with all the conditions imposed by this consent to operate, failing which stern action will be taken against the industry.
- 43 That, notwithstanding anything provided hereinabove, the State Board shall have the power and reserves its right, as contained under Section 27(2) of the Water Act and under Section 21(6) of the Air Act to review anyone or all of the conditions imposed here in above and to make such variation as it deems fit for the purpose of Air Act & Water Act.
- 44 That the grant of this **Consent to Operate** is issued 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 the conditions laid down in all other laws for the time-being in force, rests with the industry/ unit/ project proponent.
- 45 That the grant of this **Consent to Operate** 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 Water Act and Air Act or the Rules made thereunder.
- 46 That the Project Proponent shall comply with provisions of the E-waste (Management) Rules, 2016 and ensure that e-waste generated by them is channelized through collection centre or dealer of authorized producer or dismantler or recycler or through designated take back service provider of the producer to authorized dismantler or recycler.
- 47 That the Project Proponent shall maintain record of e-waste generated by them in Form-2 and make such records available for scrutiny by the Board.
- 48 That the Project Proponent shall file annual returns in Form-3, to the Board on or before the 30th day of June following the financial year to which that return relates.
- 49 That the transportation of e-waste shall be carried out as per the manifest system whereby the transporter shall be required to carry a document (three copies) prepared by the sender, giving the details as per Form-6.

Signature Not Verified

Digitally signed by Rakesh Kumar
Bora
Date: 2023.03.17 16:31:09 IST
Reason: SelfAttested
Location:





Head Office (MUID)
Rajasthan State Pollution Control Board
4, Institutional Area, Jhalana Doongari, Jaipur-302 004
Phone: 0141-2716869

Registered

File No : F(MUID)/JAIPUR(Jaipur(VKIA))/2205(1)/2019-2020/7434-7436

Order No : 2022-2023/MUID/12439

Date: Mar 17 2023 4:31PM

Unit Id : 5516

- 50 That the Project Proponent shall comply with provisions of the Batteries (Management and Handling) Rules, 2001 (as amended) and submit half yearly returns (as bulk consumer, importer, auctioneer, recycler as the case may be) to the State Board as provided under Rule 10 (2) (ii) of the Battery (Management and Handling) Rules, 2001 (as amended). In case the Project Proponent is not a bulk consumer even then the used batteries shall be returned to the authorized dealers or recyclers only.
- 51 That the record of batteries purchased and sold/ returned to registered dealers and/ or authorized recyclers shall be maintained and made available to the officers of the Board during inspections.

This **Consent to Operate** shall also be subject, besides the aforesaid specific conditions, to the general conditions given in the enclosed Annexure. The Project Proponent will comply with the provisions of the **Water Act and Air Act** and to such other conditions as may, from time to time , be specified, by the State Board under the provisions of the aforesaid Act(s). Please note that, non compliance of any of the above stated conditions would tantamount to revocation of **Consent to Operate** and Project Proponent / occupier shall be liable for legal action under the relevant provisions of the said Act(s).

This bears approval of the competent authority.

Yours sincerely,

Group Incharge[MUID]

(A): Copy to:-

- 1 Regional Officer, Regional Office, Rajasthan State Pollution Control Board, Jaipur (North) to ensure the compliane of consent conditions.
- 2 Master File.

Group Incharge[MUID]

Signature Not Verified

Digitally signed by **Rajender Kumar Bora**
Date: 2023.03.17 16:31:09 IST
Reason: SelfAttested
Location:



Project	: A.C. Pressure Pipe Manufacturing Unit
Promoter	: ARL Infratech Limited-Unit Bindayaka

Compliance Report of the conditions laid in the EC for April 2023-Sept 2023
--

APPENDIX III

Current site photograph



Gaurang Environmental Solutions Pvt. Ltd.	
Report Ref : GESPL_215(B)/2023-24/EC-Compliance/263	Rev No. 01



Current Site Photographs



Gaurang Environmental Solutions Pvt. Ltd.

Report Ref : GESPL_215(B)/2023-24/EC-Compliance/263

Rev No. 01

Project	: A.C. Pressure Pipe Manufacturing Unit
Promoter	: ARL Infratech Limited-Unit Bindayaka

Compliance Report of the conditions laid in the EC for April 2023-Sept 2023
--

APPENDIX IV

Copy of Certificate of Accreditation & NABET Certificate



Gaurang Environmental Solutions Pvt. Ltd.	
Report Ref : GESPL_215(B)/2023-24/EC-Compliance/263	Rev No. 01



**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



**SCHEME FOR ACCREDITATION OF EIA
CONSULTANT ORGANIZATIONS
NATIONAL ACCREDITATION BOARD FOR EDUCATION AND TRAINING**



(EIA_LoginForm.aspx)

Online Portal for Scheme of Accreditation of EIA Consultant Organization || FAQ For Initial Accreditation (IA) [↕](#) [\(..FAQ\(IA\).pd](#)

search

Q Search

SL. No.

Name and Address EIA Consultant Organization

Scope of Accreditation

As per NABET Scheme

Sect
Num
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Name of Sector

Cat
gor
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Project or Activity as per Schedule of MoEFCC Notification dated September 14, 2006 and subsequent Amendments

90

Gaurang Environmental Solutions Pvt. Ltd.

Address:SNG Shree Ratna Apartments Near Tambi Petrol Pump, Bani Park, Jaipur, Rajasthan 302016

Head Name:VIPUL KHANDELWAL

Head Designation:Director

Mobile Number:9782074776

Email: gaurangenviro@gmail.com; vipul.environ@gmail.com

Tel:01414029115

Remarks:Conditions apply

1

Mining of minerals including open cast/ underground mining

A

1 (a) (i)

2

Onshore and Off shore oil and gas exploration, development & productions

A

1 (b)

4

Thermal power plants

B

1 (d)

7

Mineral beneficiation

A

2 (b)

8

Metallurgical industries (ferrous & non-ferrous)

A

3 (a)

9

Cement plants

A

3 (b)

16

Chemical Fertilizers

A

5 (a)

21

Synthetic organic chemicals industry (dyes & dye intermediates; bulk drugs and intermediates excluding drug formulations; synthetic rubbers; basic organic chemicals, other synthetic organic chemicals and chemical intermediates)

A

5 (f)

22

Distilleries

A

5 (g)

28

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)

B

-

29

Air ports

A

7 (a)

Extension letter

Certificate No.: NABET/EIA/2023/RA 0192 (Rev.02)

Validity: 07/12/2023

Validity Extension Letter No.: NA

Extension Letter Validity:NA

UserName:ORG000958

Accreditation Date:25/01/2017

category: A

31	Industrial estates/ parks/ complexes/areas, export processing Zones (EPZs), Special Economic Zones (SEZs), Biotech Parks, Leather Complexes	A	7 (c)
32	Common hazardous waste treatment, storage and disposal facilities	A	7 (d)
32 A	Bio-medical waste treatment facilities	B	7 (da)
33	Ports, harbours, break waters and dredging	A	7 (e)
34	Highways	B	7(f)
36	Common Effluent Treatment Plants (CETPs)	B	7 (h)
37	Common municipal solid waste management facility (CMSWMF)	B	7 (i)
38	Building and construction projects	B	8(a)
39	Townships and Area development projects	B	8 (b)

Project	: A.C. Pressure Pipe Manufacturing Unit
Promoter	: ARL Infratech Limited-Unit Bindayaka

Compliance Report of the conditions laid in the EC for April 2023-Sept 2023
--

APPENDIX V

NABL certificate



Gaurang Environmental Solutions Pvt. Ltd.	
Report Ref : GESPL_215(B)/2023-24/EC-Compliance/263	Rev No. 01



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	: A.C. Pressure Pipe Manufacturing Unit
Promoter	: ARL Infratech Limited-Unit Bindayaka

Compliance Report of the conditions laid in the EC for April 2023-Sept 2023
--

ANNEXURES



Gaurang Environmental Solutions Pvt. Ltd.	
--	--

Report Ref : GESPL_215(B)/2023-24/EC-Compliance/263	
--	--

Rev No. 01

Project	: A.C. Pressure Pipe Manufacturing Unit
Promoter	: ARL Infratech Limited-Unit Bindayaka

Compliance Report of the conditions laid in the EC for April 2023-Sept 2023
--

ANNEXURE I

Photographs showing packed Bags



Gaurang Environmental Solutions Pvt. Ltd.	
Report Ref : GESPL_215(B)/2023-24/EC-Compliance/263	Rev No. 01



Photographs showing packed Bags

Project	: A.C. Pressure Pipe Manufacturing Unit
Promoter	: ARL Infratech Limited-Unit Bindayaka

Compliance Report of the conditions laid in the EC for April 2023-Sept 2023
--

ANNEXURE II

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



Gaurang Environmental Solutions Pvt. Ltd.	
Report Ref : GESPL_215(B)/2023-24/EC-Compliance/263	Rev No. 01



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

Project	: A.C. Pressure Pipe Manufacturing Unit
Promoter	: ARL Infratech Limited-Unit Bindayaka

Compliance Report of the conditions laid in the EC for April 2023-Sept 2023
--

ANNEXURE III

Photograph showing Automatic Debagger



Gaurang Environmental Solutions Pvt. Ltd.	
Report Ref : GESPL_215(B)/2023-24/EC-Compliance/263	Rev No. 01



Photographs showing Automatic Debagger

Project	: A.C. Pressure Pipe Manufacturing Unit
Promoter	: ARL Infratech Limited-Unit Bindayaka

Compliance Report of the conditions laid in the EC for April 2023-Sept 2023
--

ANNEXURE IV

Photograph showing APCD



Gaurang Environmental Solutions Pvt. Ltd.	
--	--

Report Ref : GESPL_215(B)/2023-24/EC-Compliance/263	
--	--

Rev No. 01







Photographs showing Stacks attached to Process, hoods & Pollution control equipment

Project	: A.C. Pressure Pipe Manufacturing Unit
Promoter	: ARL Infratech Limited-Unit Bindayaka

Compliance Report of the conditions laid in the EC for April 2023-Sept 2023
--

ANNEXURE V

Monitoring reports



Gaurang Environmental Solutions Pvt. Ltd.	
Report Ref : GESPL_215(B)/2023-24/EC-Compliance/263	Rev No. 01

Sample Number : VTL/AA/01

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

F-124, Road No.4, RIICO Industrial Area Bindayaka,
Jaipur Rajasthan

Report No. : VTL/A/2309250001/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
Sample Collected By : VTL Team
Sampling Equipment used : RDS/FPS
Instrument Code : VTL/RDS/FPS/04
Coordinates : 26°55'18" & 75°39'1"
Meteorological condition during monitoring : Clear Sky
Date of Monitoring : 22/09/2023 To 23/09/2023
Time of Monitoring : 15:30 to 15:30 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	62.74	µg/m³	100
2	Particulate Matter (as PM2.5)	IS:5182 (P- 24)-2019	36.86	µg/m³	60
3	Nitrogen Dioxide (as NO2)	IS:5182 (P- 6)-2006, RA.2018	18.80	µg/m³	80
4	Sulphur Dioxide (as SO2)	IS:5182 (P- 2)-2001, RA. 2018	9.05	µg/m³	80

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

End of Report



Checked by



RK Yadav
Lab Incharge
Authorized Signatory



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Vibrant Techno Lab Pvt. Ltd.

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bd@vibranttechnolab.com

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Sample Number : VTL/AA/01

Name & Address of the Party : M/s ARL Infratech Ltd.
F-124, Road No.4, RIICO Industrial Area Bindaayaka,
Jaipur Rajasthan

Report No. : VTL/A/2309250001/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
Sample Collected By : VTL Team
Sampling Equipment used : RDS/FPS
Instrument Code : VTL/RDS/FPS/04
Coordinates : 26°55'18" & 75°39'1"
Meteorological condition during monitoring : Clear Sky
Date of Monitoring : 22/09/2023 To 23/09/2023
Time of Monitoring : 15:30 to 15:30 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	0.63	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.

F-124, Road No.4, RIICO Industrial Area Bindayaka,
Jaipur Rajasthan

Report No. : VTL/N/2309250001/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

Sample Description : Ambient Noise Level Monitoring

Scope of Monitoring : Regulatory Requirement

Protocol Used : IS 9989

Instrument Used : SLM

General Information:-

Sampling Location : Near Main Gate

Instrument Code : VTL/SLM/06

Meteorological condition during monitoring : Clear Sky

Date of Monitoring : 22/09/2023 To 23/09/2023

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°55'18" & 75°39'1"

S.No.	Test Parameters	Protocol	Test Result dB(A)	
			Day Time	Night Time
1	Leq	IS 9989 - 1981 RA:2020	56.1	44.7

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

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Sample Number : VTL/S/01

M/s ARL Infratech Ltd.

F-124, Road No.4, RIICO Industrial Area Bindayaka,
Jaipur Rajasthan

Name & Address of the Party :

Report No. : VTL/S/2312090008

Format No : 7.8 F-02

Party Reference No : NIL

Report Date : 16/12/2023

Period of Analysis : 09/12/2023-16/12/2023

Receipt Date : 09/12/2023

Sample Description : Stack Emission Monitoring

General Information:-

Sample Collected By : VTL Team
Sampling Location : Bag Shredder Fiber Mill & BOD (Bag Opening Device)
Instrument Used : SMK
Instrument Calibration Status : Calibrated
Meteorological condition during monitoring : Clear Sky
Date of Monitoring : 08/12/2023
Time of Monitoring : --
Ambient Temperature (°C) : 30°C
Surrounding Activity : Human & Other Act.
Scope of Monitoring : Regulatory Requirement
Method of Sampling : IS 11450:2006, RA 2021
Sampling Duration : 33 min. (12:10 to 12:43 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	0.031	fiber/cc	0.2

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

End of Report

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Lab Incharge
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Sample Number : VTL/S/02

M/s ARL Infratech Ltd.

F-124, Road No.4, RIICO Industrial Area Bindayaka,
Jaipur Rajasthan

Name & Address of the Party :

Report No. : VTL/S/2312090009

Format No : 7.8 F-02

Party Reference No : NIL

Report Date : 16/12/2023

Period of Analysis : 09/12/2023-16/12/2023

Receipt Date : 09/12/2023

Sample Description : Stack Emission Monitoring

General Information:-

Sample Collected By : VTL Team
Sampling Location : Pipe Turning M/c -1
Instrument Used : SMK
Instrument Calibration Status : Calibrated
Meteorological condition during monitoring : Clear Sky
Date of Monitoring : 08/12/2023
Time of Monitoring : --
Ambient Temperature (°C) : 31°C
Surrounding Activity : Human & Other Act.
Scope of Monitoring : Regulatory Requirement
Method of Sampling : IS 11450:2006, RA 2021
Sampling Duration : 23 min. (13:10 to 13:33 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	0.064	fiber/cc	0.2

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

End of Report

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Lab Incharge

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Sample Number : VTL/S/03

M/s ARL Infratech Ltd.

F-124, Road No.4, RIICO Industrial Area Bindayaka,
Jaipur Rajasthan

Name & Address of the Party :

Report No. : VTL/S/2312090010

Format No : 7.8 F-02

Party Reference No : NIL

Report Date : 16/12/2023

Period of Analysis : 09/12/2023-16/12/2023

Receipt Date : 09/12/2023

Sample Description : Stack Emission Monitoring

General Information:-

Sample Collected By : VTL Team
Sampling Location : Pipe Turning M/c -2
Instrument Used : SMK
Instrument Calibration Status : Calibrated
Meteorological condition during monitoring : Clear Sky
Date of Monitoring : 08/12/2023
Time of Monitoring : --
Ambient Temperature (°C) : 31°C
Surrounding Activity : Human & Other Act.
Scope of Monitoring : Regulatory Requirement
Method of Sampling : IS 11450:2006, RA 2021
Sampling Duration : 22 min. (14:00 to 14:22 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	0.070	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.

F-124, Road No.4, RIICO Industrial Area Bindayaka,
Jaipur Rajasthan

Name & Address of the Party :

Report No. : VTL/S/2309250003/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 & BOD (Bag Opening Device)
Instrument Used : SMK
Instrument Calibration Status : Calibrated
Meteorological condition during monitoring : Clear Sky
Date of Monitoring : 23/09/2023
Time of Monitoring : --
Ambient Temperature (°C) : 31°C
Surrounding Activity : Human & Other Act.
Scope of Monitoring : Regulatory Requirement
Method of Sampling : IS 11450:2006, RA 2021
Sampling Duration : 32 min. (12:02 to 12:36 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	0.034	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.

F-124, Road No.4, RIICO Industrial Area Bindayaka,
Jaipur Rajasthan

Name & Address of the Party :

Report No. : VTL/S/2309250005/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 : Pipe Turning M/c -1
Instrument Used : SMK
Instrument Calibration Status : Calibrated
Meteorological condition during monitoring : Clear Sky
Date of Monitoring : 23/09/2023
Time of Monitoring : --
Ambient Temperature (°C) : 31°C
Surrounding Activity : Human & Other Act.
Scope of Monitoring : Regulatory Requirement
Method of Sampling : IS 11450:2006, RA 2021
Sampling Duration : 22 min. (13:03 to 13:25 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	0.065	fiber/cc	0.2

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

End of Report

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TEST REPORT

Sample Number : VTL/S/04

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

F-124, Road No.4, RIICO Industrial Area Bindayaka,
Jaipur Rajasthan

Report No. : VTL/S/2309250007/B

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 : Pipe Turning M/c -2
Sample Collected By : VTL Team
Date of Sampling : 23/09/2023
Sampling duration (Minutes) : 22 min. (14:06 to 14:28 hrs.)
Stack attached to : Pipe Turning M/c
Make of stack : MS
Diameter of stack(m) : 0.1 m
Height of stack(m) : 12.5 m
Instrument calibration status : Calibrated
Meteorological Condition : Clear Sky
Ambient Temperature - Ta (°C) : 32°C
Temperature of Stack Gases - Ts (°C) : 51
Velocity of Stack Gases (m/sec.) : 11.26
Flow rate of PM (LPM) : 45
Flow rate of Gas (LPM) : --
Sampling condition : OK
Protocol used : IS 11450:2006, RA 2021
Coordinates : --

S.No.	Parameters	Test Method	Results	Units	Limits
1	Asbestos Fiber Count	IS:11450:2006, RA 2021	0.073	fiber/cc	0.2

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

End of Report

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Sample Number : VTL/S/01

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

F-124, Road No.4, RIICO Industrial Area Bindayaka,
Jaipur Rajasthan

Report No. : VTL/S/2309250001/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 (125 KVA)
Sample Collected By : VTL Team
Date of Sampling : 23/09/2023
Sampling duration (Minutes) : 25 min. (11:01 to 11:26 hrs.)
Stack attached to : DG Set
Make of stack : Iron
Diameter of stack(m) : 0.1524 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) : 146
Velocity of Stack Gases (m/sec.) : 12.53
Flow rate of PM (LPM) : 39
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	1.25	gm/kw-hr	<4.0**
3	Total Hydrocarbon (HC)	USEPA 18: 1996	1.14	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	0.34	gm/kw-hr	<3.5

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

End of Report



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Sample Number : VTL/S/02

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

F-124, Road No.4, RIICO Industrial Area Bindayaka,
Jaipur Rajasthan

Report No. : VTL/S/2309250002/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 & BOD (Bag Opening Device)
Sample Collected By : VTL Team
Date of Sampling : 23/09/2023
Sampling duration (Minutes) : 32 min. (12:02 to 12:36 hrs.)
Stack attached to : Fiber Mill, Bag Shredder & B.O.D. (Dust Collector)
Make of stack : PVC
Diameter of stack(m) : 0.150 m
Height of stack(m) : 12.5 m
Instrument calibration status : Calibrated
Meteorological Condition : Clear Sky
Ambient Temperature - Ta (°C) : 31°C
Temperature of Stack Gases - Ts (°C) : 34
Velocity of Stack Gases (m/sec.) : 7.39
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	0.84	mg/Nm3	2.0

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

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bd@vibranttechnolab.com

www.vibranttechnolab.com

Sample Number : VTL/S/03

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

F-124, Road No.4, RIICO Industrial Area Bindayaka,
Jaipur Rajasthan

Report No. : VTL/S/2309250004/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 : Pipe Turning M/c -1
Sample Collected By : VTL Team
Date of Sampling : 23/09/2023
Sampling duration (Minutes) : 22 min. (13:03 to 13:25 hrs.)
Stack attached to : Pipe Turning M/c (Dust Collector)
Make of stack : MS
Diameter of stack(m) : 0.15 m
Height of stack(m) : 12.5 m
Instrument calibration status : Calibrated
Meteorological Condition : Clear Sky
Ambient Temperature - Ta (°C) : 31°C
Temperature of Stack Gases - Ts (°C) : 56
Velocity of Stack Gases (m/sec.) : 11.46
Flow rate of PM (LPM) : 45
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	0.72	mg/Nm3	2.0

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

End of Report

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Vibrant Techno Lab Pvt. Ltd.

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Sample Number : VTL/S/04

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

F-124, Road No.4, RIICO Industrial Area Bindayaka,
Jaipur Rajasthan

Report No. : VTL/S/2309250006/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 : Pipe Turning M/c -2
Sample Collected By : VTL Team
Date of Sampling : 23/09/2023
Sampling duration (Minutes) : 22 min. (14:06 to 14:28 hrs.)
Stack attached to : Pipe Turning M/c
Make of stack : MS
Diameter of stack(m) : 0.1 m
Height of stack(m) : 12.5 m
Instrument calibration status : Calibrated
Meteorological Condition : Clear Sky
Ambient Temperature - Ta (°C) : 32°C
Temperature of Stack Gases - Ts (°C) : 51
Velocity of Stack Gases (m/sec.) : 11.26
Flow rate of PM (LPM) : 45
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	0.71	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.

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/WZ/01

M/s ARL Infratech Ltd.

F-124, Road No.4, RIICO Industrial Area Bindayaka,
Jaipur Rajasthan

Name & Address of the Party :

Report No. : VTL/WZA/2312090007

Format No : 7.8 F-02

Party Reference No : NIL

Report Date : 16/12/2023

Period of Analysis : 09/12/2023-16/12/2023

Receipt Date : 09/12/2023

Sample Description : Work Environment and Indoor Air Quality Monitoring

General Information:-

Sample Collected By : VTL Team
Sampling Location : Near Bag Opening Device
Instrument Used : Handy Sampler
Instrument Calibration Status : Calibrated
Meteorological condition during monitoring : Clear Sky
Date of Monitoring : 09/12/2023 To 09/12/2023
Time of Monitoring : 08:00 to 16:00 Hrs.
Ambient Temperature (°C) : Min 19°C Max. 26°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°55'18" & 75°39'0"

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

End of Report



Checked by

RK Yadav
Lab Incharge
Authorized Signatory

Sample Number : VTLWZ/01

M/s ARL Infratech Ltd.

F-124, Road No.4, RIICO Industrial Area Bindayaka,
Jaipur Rajasthan

Name & Address of the Party :

Report No. : VTLWZA/2309250001/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
Instrument Used : Handy Sampler
Instrument Calibration Status : Calibrated
Meteorological condition during monitoring : Clear Sky
Date of Monitoring : 22/09/2023
Time of Monitoring : 15:00 to 23:00 Hrs.
Ambient Temperature (°C) : Min 25°C Max. 33°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°55'18" & 75°39'0"

S.No.	Test Parameters	Protocol	Results	Unit	Limits as per Factory Act 1948, Schedule 2
1	Asbestos Fiber Count	IS:11450:2006, RA 2021	0.040	fiber/cc	0.1

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/WN/01

Name & Address of the Party : M/s ARL Infratech Ltd.
F-124, Road No.4, RIICO Industrial Area Bindayaka,
Jaipur Rajasthan

Report No. : VTL/WN/2309250001/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
Sample Collected By : VTL Team
Sampling Equipment used : SLM
Instrument Code : VTL/SLM/06
Coordinates : 26°55'17" & 75°38'57"
Meteorological condition during monitoring : Clear Sky
Date of Monitoring : 22/09/2023 To 22/09/2023
Time of Monitoring : 16:00 to 16:30 Hrs.
Ambient Temperature (°C) : 29°C
Surrounding Activity : Human, Vehicular & Plant Activity
Scope of Monitoring : Regulatory Requirement
Method of Sampling : IS 9989-1989
Sampling Duration : 30 Min.
Parameter Required : As per work order

S.No.	Test Parameters	Protocol	Results	Unit	Limit
1	Leq	IS 9989-1981	67.21	dB(A)	75

End of Report

VIBRANT
"Experience the unimaginable"



Checked by



RK Yadav
Lab Incharge
Authorized Signatory



Term & conditions PTO

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

Project	: A.C. Pressure Pipe Manufacturing Unit
Promoter	: ARL Infratech Limited-Unit Bindayaka

Compliance Report of the conditions laid in the EC for April 2023-Sept 2023
--

ANNEXURE VI

Photographs of separate storage area for Asbestos bags



Gaurang Environmental Solutions Pvt. Ltd.	
Report Ref : GESPL_215(B)/2023-24/EC-Compliance/263	Rev No. 01



Photographs showing pressure-packed and shrink-wrapped

Chrysotile Asbestos fibre bags on pallets



Gaurang Environmental Solutions Pvt. Ltd.

Report Ref : GESPL_215(B)/2023-24/EC-Compliance/263

Rev No. 01

Project	: A.C. Pressure Pipe Manufacturing Unit
Promoter	: ARL Infratech Limited-Unit Bindayaka

Compliance Report of the conditions laid in the EC for April 2023-Sept 2023
--

ANNEXURE VII

Photographs of Industrial Vacuum Cleaner



Gaurang Environmental Solutions Pvt. Ltd.	
Report Ref : GESPL_215(B)/2023-24/EC-Compliance/263	Rev No. 01



Photographs showing Industrial Vacuum cleaner in use



Project	: A.C. Pressure Pipe Manufacturing Unit
Promoter	: ARL Infratech Limited-Unit Bindayaka

Compliance Report of the conditions laid in the EC for April 2023-Sept 2023
--

ANNEXURE VIII

Water consumption Record



Gaurang Environmental Solutions Pvt. Ltd.	
Report Ref : GESPL_215(B)/2023-24/EC-Compliance/263	Rev No. 01

ARL INFRATECH LTD., BINDAYAKA

WATER - CONSUMPTION 2023-24

Sr. No.	Month			Water Consumption in M ³	Total Consumption in M ³	Remarks
		Opening	Closing			
1	Apr-23	5065	5112	47	47	
2	May-23	5112	5164	52	99	
3	Jun-23	5164	5220	56	155	
4	Jul-23	5220	5285	65	220	
5	Aug-23	5285	5347	62	282	
6	Sep-23	5347	5408	61	343	
7	Oct-23	5408				



Project	: A.C. Pressure Pipe Manufacturing Unit
Promoter	: ARL Infratech Limited-Unit Bindayaka

Compliance Report of the conditions laid in the EC for April 2023-Sept 2023
--

ANNEXURE IX

Copy of Authorization under Hazardous Waste



Gaurang Environmental Solutions Pvt. Ltd.	
Report Ref : GESPL_215(B)/2023-24/EC-Compliance/263	Rev No. 01



Registered

File No: F(HSW)/Jaipur(Jaipur)/23(1)/2009-2010/149-151 Date:- 10/04/2023

Unit Id : 5516

M/s ARL Infratech Ltd.(Pipe Unit)
'Akshat House' A-27/13-A, Kanti Chandra Road, Banipark , Tehsil:Jaipur
District:Jaipur

Sub:- Authorization for operating a facility for of Hazardous Wastes Under Hazardous and Other Waste (Management and Transboundary Movement) Rules, 2016.

Ref:- Your application received on 29/06/2022 and subsequent correspondence.

- Sir
- 1 Number of authorization RPCB/HWM/2023-2024/MUID/HSW/2.
 - 2 Application Number : 314417 dated : 29/06/2022 .
 - 3 Director of M/s ARL Infratech Ltd.(Pipe Unit) is hereby granted an authorization based on the enclosed signed inspection report for of Hazardous waste on the premises situated at F-124,Road No.4, RIICO Industrial Area, Bindayaka Tehsil: Jaipur(VKIA) District: JAIPUR.

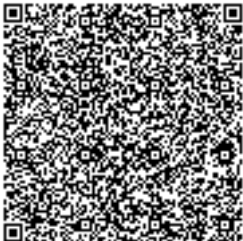
Details of Authorization

SNo	Type of Hazardous waste	Category		Quantity/ Unit	Hazardous Waste Disposal Practice
		Sch	Code		
1	Asbestos-containing residues	I	15.1	450.00 KG/DAY	Reuse In Process

- 4 The authorization shall be in force for period from 01/11/2022 to 31/10/2027 .

Signature Not Verified

Digitally signed by Ralender Kumar Bora
Date: 2023.04.10 14:47:09 IST
Reason: Self Attested
Location:





RAJASTHAN STATE POLLUTION CONTROL BOARD
4, Institutional Area, Jhalana Doongari, Jaipur-302 004

Phone: 0141-2716869 Fax: 0141-2716869

Registered

File No: F(HSW)/Jaipur(Jaipur)/23(1)/2009-2010/149-151

Date:- 10/04/2023

Unit Id : 5516

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 Rakesh Kumar
Bora
Date: 2023.04.10 14:47:09 IST
Reason: Self Attested
Location:





RAJASTHAN STATE POLLUTION CONTROL BOARD
4, Institutional Area, Jhalana Doongari, Jaipur-302 004
Phone: 0141-2716869 Fax: 0141-2716869

Registered

File No: F(HSW)/Jaipur(Jaipur)/23(1)/2009-2010/149-151

Date:- 10/04/2023

Unit Id : 5516

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 cease 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 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.
- 7 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.
- 8 That no other waste or hazardous waste except those mentioned above shall be utilized for incineration/recycler/re-processor as a supplementary resource or for energy recovery, or after processing without prior & valid authorization under approval of Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016.
- 9 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.
- 10 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.

Signature Not Verified

Digitally signed by Rajender Kumar
Bora
Date: 2023.04.10 14:47:09 IST
Reason: SelfAttested
Location:





RAJASTHAN STATE POLLUTION CONTROL BOARD
4, Institutional Area, Jhalana Doongari, Jaipur-302 004
Phone: 0141-2716869 Fax: 0141-2716869

Registered

File No: F(HSW)/Jaipur(Jaipur)/23(1)/2009-2010/149-151

Date:- 10/04/2023

Unit Id : 5516

- 11 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.
- 12 That unit will procure hazardous waste from the same sources, as mentioned in application Form and shall be incineration/ recycled/ reprocess/sold to registered recycler only.
- 13 That the industry shall carry out incineration/ recycled/ reprocess/sold to registered recycler of hazardous and other waste as per the terms and conditions of the guidelines framed by the CPCB dated 07/07/2017.
- 14 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 co-processing of hazardous waste.
- 15 That the management of incineration/ recycled/ reprocess/sold to registered recycler shall be in the hands of the skilled person, competent to manage the hazardous waste in an environmentally sound manner
- 16 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.
- 17 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.
- 18 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.
- 19 The hazardous waste should not be stored for a period beyond 90 days, failing which the authorization shall deemed to be revoked.
- 20 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.

Signature Not Verified

Digitally signed by Rakesh Kumar
Bora
Date: 2023.04.10 14:47:09 IST
Reason: Self Attested
Location:





RAJASTHAN STATE POLLUTION CONTROL BOARD
4, Institutional Area, Jhalana Doongari, Jaipur-302 004
Phone: 0141-2716869 Fax: 0141-2716869

Registered

File No: F(HSW)/Jaipur(Jaipur)/23(1)/2009-2010/149-151

Date:- 10/04/2023

Unit Id : 5516

- 21 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.
- 22 **That this Authorization is being 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 rules for the time-being in force, rests with the industry/unit/project proponent.**
- 23 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.

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 (North) to ensure the compliance of hazardous waste conditions
- 2 Master File

Group Incharge

Signature Not Verified

Digitally signed by Rakesh Kumar
Bora
Date: 2023.04.10 14:47:09 IST
Reason: Self Attested
Location:



Project	: A.C. Pressure Pipe Manufacturing Unit
Promoter	: ARL Infratech Limited-Unit Bindayaka

Compliance Report of the conditions laid in the EC for April 2023-Sept 2023
--

ANNEXURE X

**Photographs showing piling of pipes in
wet condition**



Gaurang Environmental Solutions Pvt. Ltd.	
Report Ref : GESPL_215(B)/2023-24/EC-Compliance/263	Rev No. 01



Photographs showing piling of pipes in wet condition



Project	: A.C. Pressure Pipe Manufacturing Unit
Promoter	: ARL Infratech Limited-Unit Bindayaka

Compliance Report of the conditions laid in the EC for April 2023-Sept 2023
--

ANNEXURE XI

Health Records of workers



Gaurang Environmental Solutions Pvt. Ltd.	
--	--

Report Ref : GESPL_215(B)/2023-24/EC-Compliance/263	
--	--

Rev No. 01

HEALTH REGISTER

FORM
Prescribed Under

No. 19
Rule 14

स्वास्थ्य रजिस्टर

Name of certifying Surgeon

(a) Mr.
From to

In respect of person employed in occupation declared to be

(b) Mr.
From to

dangerous operations under section 87)

Name of certifying Surgeon

(c) Mr.
From 2022 to 2023

M/S ARL Infotech Ltd.

P No. F - 124 Road Riico Industrial Area

Bindayaka - Jaipur,

Distt. Jaipur

Serial No	Name of worker	Age at last birthday	Date of employment	Date of employment	Date of employment	Nature of job or	Raw Material or by
1	2	3	4	5	6	7	8
1.	Mr. N.D. BADGAIYAN	50	11/11				
2	Mr. RAM DEV VERMA	53	3/12				
3	Mr. ISRAR AHMED	54	3/12				
4	Mr. RAWAD MAL	52	3/12				
5	Mr. YOGESH SHARMA	25	3/12				
6	Mr. BHANWAR LAL BORA	58	3/12				

Dates of weekly Examination with result (fit/unfit)										Note of Symptoms	Signature of Registered Medical Practitioner
Sputum for Asbestos Test	Physical Examination Certificate	Pulmonary Function Report	Urine Examination	ESR	C.B.C	X-Ray Chest PA View	AADHAR NO.				
NAD	NAD	NAD	NAD	NAD	NAD	NAD	5978 7197 6384				
NAD	NAD	NAD	NAD	NAD	NAD	NAD	7349 2290 3472				
NAD	NAD	NAD	NAD	NAD	NAD	NAD	7997 3172 2608				
NAD	NAD	NAD	NAD	NAD	NAD	NAD	5544 4843 6347				
NAD	NAD	NAD	NAD	NAD	NAD	NAD	6263 7821 9550				
NAD	NAD	NAD	NAD	NAD	NAD	NAD	7071 5135 6778				

19.12.2023
(Dr. Anita Gupta)
Inspector Factories (Medical)
Factories and Boilers Deptt.
Jaipur

18/23

4084-3160-1835
Mob. 7049953267

1 [Form No. 30]

(Prescribed Under Rule 100)

SPECIAL CERTIFICATE OF FITNESS



Serial No. _____

Date 10/04/23

I hereby certify that I have personally examined Vijay Baiga son
of Laxman Baiga residing at ARL Infotech Ltd 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 20 year Years, and he is, in my opinion
fit for employment in _____

His descriptive marks are

शरीर पर चोट का निशान

विजय बागा

Signature or left hand thumb

Impression of person employed

Aut

Signature of certifying surgeon

I certify that

I extend this

Signature of

(Dr. Anil Gupta)
Inspector Factories (Medical)
Factories and Boilers Deptt.
Labour
Note of
Symptoms

I examined the

Certificate until

Certifying

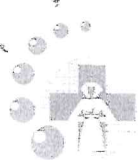
Person mentioned

Surgeon

Above on

19.5.2023

NIL



सोनी हॉस्पिटल ग्रुप ऑफ हॉस्पिटल
SONI GROUP OF HOSPITALS

BALAJI SONI HOSPITAL

C.R. No. _____

Date 10/4/23

Name Mr. V Day Baisa

Age / Sex 19 / m

Diagnosis _____

R_x

BP - 122/78 / mm of Hg

P - 72 bpm

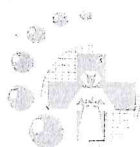
T - 98.2 F

SpO₂ - 98.1

Height - 154 cm

Weight - 55 cm

Dr. SANJEEV TAMB
MBBS MD Consultant
(General Physician)
Balaji Soni Hospital, Bagru
Ph. 0141-3999555
RMC No. 015300/55



करे जिंदगी की रात, हमारे साथ
SONI GROUP OF HOSPITALS

BALAJI SONI HOSPITAL

REPORT

Name	:VIJAY BAIGA	Reg. No.	:OutSide	IPD/OPD Status	:OPD
Age/Sex	:19 Y/Male	Accession No.	:20230410019	Catagory	:ARL
consultant	:SANJEEV TAMBI	IPD/Bill No	:	Location/Bed.No	:

Sample Collected at: 10/04/2023 6:44:21 PM

Accept Time at: 10/04/2023 6:49:22 PM

Report Gen at: 11/04/2023 10:39:47 AM

Accession No

HAEMATOLOGY

Registration No

SAMPLE TYPE : EDTA BLOOD

HAEMATOLOGY REPORT

Investigations	Status	Result	Unit	Biological Reference Interval
COMPLETE BLOOD COUNT				
HAEMOGLOBIN		11.9	gm %	11.5-17
TOTAL LEUCOCYTES COUNT		5,400	cells/cumm.	4,000-10,000
DLC				
Neutrophils		65	%	50-70
Lymphocytes		30	%	20-40%
Basophils		00	%	0-0.1%
Monocytes		03	%	1-6%
Eosinophils		02	%	1-5%
PLATELET COUNT		2.1	lacs/cumm	1.5-4.5
TRBC		5.0	million/cumm	3-5
PCV		38	%	35-45
MCV		77	fl	76-92
MCH	L	23	pg	27-32
MCHC	L	30	g/dl	31-35
ESR	H	20	mm/1hr	0.0-10.0

*** End of Report ***

Dr INDU SAXENA
MBBS MD Pathology
Banyan Hospital
SPL 229, RICO Phase
Bagru Jaipur 30300
Ph 0141-3999555
RMC Reg No 10437

Indu Saxena

TECHNICIAN

Unit : Soni Hospitals Pvt. Ltd. - SPL, 229, RICO Industrial Area, Bagru Phase - II (Extension), Jaipur
Mobile: 96 1592 1592, Telephone : +91- 0141-3999555 | E-mail : bsh@sonihospitals.com

INDU SAXENA

M.D PATHOLOGIST

RMC No 10437



करे जिंदगी की रात, हमारे साथ
SONI GROUP OF HOSPITALS

BALAJI SONI HOSPITAL

REPORT

Name	: VIJAY BAIGA	Reg. No.	: OutSide	IPD/OPD Status	: OPD
Age/Sex	: 19 Y/Male	Accession No.	: 20230410019	Catagory	: ARL
consultant	: SANJEEV TAMB	IPD/Bill No	:	Location/Bed.No	:

Sample Coll. at: 10/04/2023 6:44:21 PM

ACCEPT TIME AT: 10/04/2023 6:49:22 PM

ReportGen at: 11/04/2023 10:40:02 AM

Accession No

Registration No

Urine Routine Examination Report

	Investigation	Result	Unit
<u>Routine Examination</u>	Appearance	Clear	
	Specific Gravity	1.025	
	Reaction (Ph)	6.0	
	Protein	NIL	
	Sugar	NIL	
<u>Microscopic Examination</u>	RBCs/HPF	NIL	/HPF
	WBCs/HPF	0-2	/HPF
	Epithelial Cells/HPF	0-2	/HPF
	Casts/HPF	NIL	/HPF
	Crystals/HPF	NIL	
	Amorphous Sediments	NIL	
	Spermatozoa	NIL	
	Others	NIL	

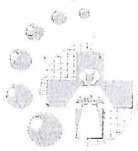
Dr INDU SAXENA
MBBS MD Pathology
Balaji Soni Hospital
SPL 229, RIICO Phase II
Bagru Jaipur 303007
Ph 0141-3999555
Fax 0141-3999555

Indu Saxena

INDU SAXENA
M.D PATHOLOGIST
RMC N. (10437)

[Signature]
TECHNICIAN

Unit : Soni Hospitals Pvt. Ltd. - SPL, 229, RIICO Industrial Area, Bagru Phase - II (Extension), Jaipur - 303007
Mobile: 96 1592 1592, Telephone : +91- 0141-3999555 | E-mail : bsh@sonihospitals.com



करे जिंदगी की यात, हमारे साथ
SONI GROUP OF HOSPITALS

BALAJI SONI HOSPITAL

REPORT

Name	: VIJAY BAIGA	Reg. No.	: OutSide	IPD/OPD Status	: OPD
Age/Sex	: 19 Y/Male	Accession No.	: 20230410019	Catagory	: ARL
consultant	: SANJEEV TAMBI	IPD/Bill No	:	Location/Bed.No	:

Sample Coll. at: 10/04/2023 6:44:21 PM

ACCEPT TIME AT: 10/04/2023 6:49:22 PM

ReportGen at: 11/04/2023 8:11:32 PM

Accession No

Registration No

SPUTUM EXAMINATION REPORT

AFB SMEAR

AFB STAIN

SPECIMEN

QUANTITY
APPEARANCE
BLOOD

SPUTUM

2ml
Thick
NIL

MICROSCOPY

REPORT

NO SIGN ASBESTOS FIBRE FOUND


TECHNICIAN



INDU SAXENA
M.D PATHOLOGIST
RMC N. (10437)

Unit : Soni Hospitals Pvt. Ltd. - SPL, 229, RIICO Industrial Area, Bagru Phase - II (Extension), Jaipur - 303007
Mobile: 96 1592 1592, Telephone : +91- 0141-3999555 | E-mail : bsh@sonihospitals.com



करे सिंदरी की बात, हमारे साथ
SONI GROUP OF HOSPITALS

BALAJI SONI HOSPITAL

REPORT

Name:- Mr VIJAY BAIGA	Age/sex:- 19 Y Male	F/H Name:- LAXMAN BAIGA
Reg.No:-OutSide	Accession no:20230410019	Category:-ARL
Consultant:- Dr. SANJEEV TAMBI	Bill no:-<trm_billno>	Date:- 10/04/2023 4:58:34 PM

CHEST X RAY PA VIEW

FINDINGS:-

Both lung fields are clear.

Mediastinal shadows normal.

Trachea is central.

Both C P angles are clear.

Both domes of diaphragm are normal in position & contour.

Cardiac shadow is within normal limits.

Soft tissue & bony cage is normal.

Impression - Normal Study

DR. ASHISH CHOUDHARY

MBBS, MD (Radio-Diagnosis)

Fetal Medicine Consultant

FMF ID 260517-RMC 22430

Balaji Soni Hospital, Bagru, Jaipur

Dr. Ashish Choudhary

MBBS, MD Radio Diagnosis

Fetal Medicine Consultant

Fellowship in Fetal medicine

FMF ID -260517, RMC 22430

RECORDERS & MEDICARE SYSTEMS

181/5, Phase-I, Industrial Area, Chandigarh-160002

Patient: MR VIJAY BAIGA

Refd. By:

Pred.Eqns: RECORDERS

Date : 10-Apr-2023 07:06 PM

Age : 19 Years

Height : 154 Cms

Weight : 55 Kgs

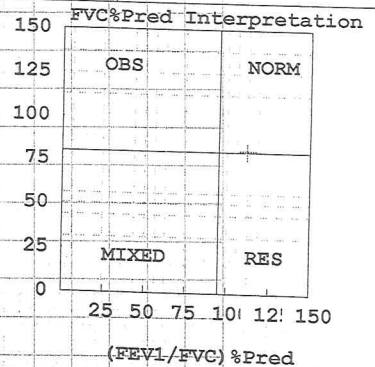
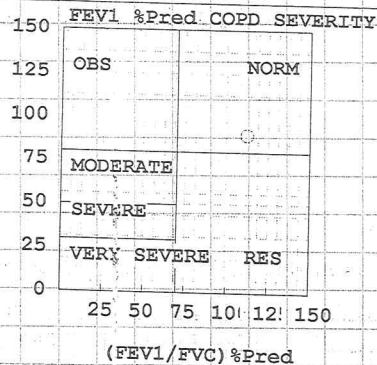
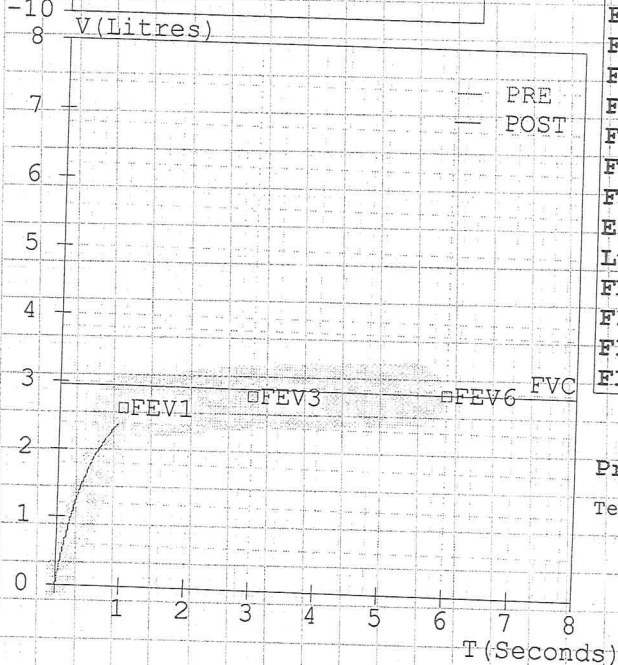
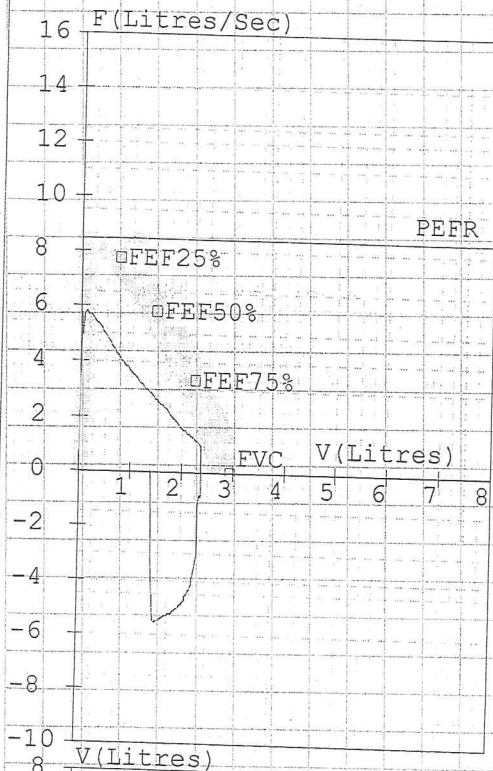
ID: 146

Gender : Male

Smoker : Yes

Eth. Corr: 100

Temp :



Spirometry (FVC Results)						
Parameter		Pred	M.Pre	%Pred	M.Post	%Pred %Imp
FVC	(L)	02.94	02.38	081	----	----
FEV1	(L)	02.63	02.38	090	----	----
FEV1/FVC	(%)	89.46	100.00	112	----	----
FEF25-75	(L/s)	04.58	03.04	066	----	----
PEFR	(L/s)	08.45	05.73	068	----	----
FIVC	(L)	-----	00.96	---	----	----
FEV.5	(L)	-----	01.79	---	----	----
FEV3	(L)	02.86	02.38	083	----	----
PIFR	(L/s)	-----	05.53	---	----	----
FEF75-85	(L/s)	-----	01.71	---	----	----
FEF.2-1.2	(L/s)	07.50	04.17	056	----	----
FEF 25%	(L/s)	07.74	04.60	059	----	----
FEF 50%	(L/s)	05.83	03.18	055	----	----
FEF 75%	(L/s)	03.36	02.03	060	----	----
FEV.5/FVC	(%)	-----	75.21	---	----	----
FEV3/FVC	(%)	97.28	100.00	103	----	----
FET	(Sec)	-----	00.94	---	----	----
ExptTime	(Sec)	-----	00.02	---	----	----
Lung Age	(Yrs)	019	021	111	----	----
FEV6	(L)	02.94	-----	---	----	----
FIF25%	(L/s)	-----	03.16	---	----	----
FIF50%	(L/s)	-----	02.72	---	----	----
FIF75%	(L/s)	-----	02.29	---	----	----

Pre Test COPD Severity
Test within normal limits

MAD

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. SANJEEV TAMB
MBBS MD Consultant
(General Physician)
Balaji Sani Hospital Bagru
Ph. 0141-3999555
RMC No. 016396/95

Dr. Sanjeev Tambi

4084-3160-1835
7049953267

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

MEDICAL EXAMINATION FORM OF THE WORKER

S.NO.

DATE...10/04/22

I. Personal Data :

Name Vijay Baiga Age/Sex 20 year male
Industry ABC Industries Ltd Nature of work worker
Contact Details House No 14 Ward No 1 Lohga Lohga
Umarga Lohga M.P. 484660

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 5

IV. Occupational History:

1 Present Occupation / Designation worker
2 Nature work done worker
3 Over time / extra time, if any No
4 Use of PPE / Wet method, if any yes
5 Years of service in present occupation New
6 History of past Occupational, if any Nil
7 Total years of asbestos related work Nil
8 Para - occupational History of Asbestos exposure, if any Nil

V. Personal History:

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

VI. History of past illness, if any:

Nil

VII. History of present illness, if any:

Nil

VIII. Physical Examination:

A General Examination:

1	Height in Cms.....	154	2	Weight in Kgs.....	55 kg
3	Nutrition	NA	4	Lymph nodes.....	NA
5	Pallor	NA	6	Anemia.....	NA
7	Cyanosis	NA	8	Clubbing	NA
9	Skin	NA	10	Oedema	NA
11	Pulse.....	1.2	12	BP	122/78

B. Systemic Examination:

1 Respiratory System:

B/L - A/E - equal & nt

2 Cardio-vascular System:

S₁, S₂ ⊕

3 GI System:

⊕

IX. Investigation:

1 Pulmonary Function Test: Normal limits.

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

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

C. a. Obstructive Index: } NA
b. Restrictive Index: }

2 X-Ray Chest - PA view: Normal Study,

3. HRCT (if required): No

X. Clinical Impression:

F I T

Dr. SANJEEV TAMBI
MBBS MD Consultant
(General Physician)
Balaji Sani Hospital, Bagru
Ph. 0141-3999555
RMC.No. 016396/95

(Signature of attending Doctor)

प्रशिक्षण

- सिर सुरक्षित – जीवन सुरक्षित
- हाथ कार्य का माध्यम हैं, इन्हे सुरक्षित रखें
- पाँव मंजिल तक पहुँचते हैं, इसका ख्याल रखें
- स्वच्छ हवा के लिए व्यक्तिगत सुरक्षा उपकरण का उपयोग करें
- आँख अनमोल है , इन्हे सुरक्षित रखें
- शोर बहरेपन का कारण है, इससे बचाव करें
- ऊँचाई पर कार्य करते समय सुरक्षा पेटी का प्रयोग करें
- सुरक्षा उपकरणों का उपयोग कीजिये । स्वयं को दुर्घटना से बचाइये
- एस्बेस्टस फाइबर क्या हैं ?
- यह रोग का कारण क्यों बनता हैं ?
- सुरक्षा सुनिश्चित करने के लिए सुरक्षा उपाय

हमें फाइबर से संभावित स्वास्थ्य खतरों का कारण, सुरक्षा के उपाय, सुरक्षा उपकरणों का उपयोग, अनुशासन, शिक्षा एवं प्रशिक्षण दिया गया।

नाम : Vijay Bajor
पिता का नाम : Laxman Bajor
दिनांक : 10/04/23

हस्ताक्षर

विजय बेगा

17/23

M-7489989725
Andhra 775841369361

1 [Form No. 30]

(Prescribed Under Rule 100)

SPECIAL CERTIFICATE OF FITNESS



Serial No. _____

Date 10/04/23

I hereby certify that I have personally examined May Baiga son
of Coxman Baiga residing at ARL Inter 2. 1st. 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 19 years Years, and he is, in my opinion
fit for employment in _____

His descriptive marks are बाँह और चेहरा नीले का रंग का

अलपक

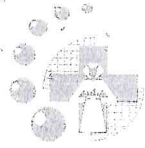
Signature or left hand thumb

Impression of person employed

Aut

Signature of certifying surgeon

I certify that	I extend this	Signature of	(Dr. Anita Gupta) Inspector Factories (Medical) Factories and Boilers Dept. Jaipur
I examined the	Certificate until	Certifying	Note of Symptoms
Person mentioned		Surgeon	
Above on			
<u>19-5-2023</u>			<u>NIL</u>



करे जिंदगी की राह, हमारे साथ
SONI GROUP OF HOSPITALS

BALAJI SONI HOSPITAL

REPORT

Name	:AJAY BAIGA	Reg. No.	:OutSide	IPD/OPD Status	:OPD
Age/Sex	:19 Y/Male	Accession No.	:20230410020	Catagory	:ARL
consultant	:SANJEEV TAMB	IPD/Bill No	:	Location/Bed.No	:

Sample Collected at: 10/04/2023 6:49:07 PM
Accession No

Accept Time at: 10/04/2023 6:49:15 PM

Report Gen at: 11/04/2023 10:29:02 AM

HAEMATOLOGY

Registration No

SAMPLE TYPE : EDTA BLOOD

HAEMATOLOGY REPORT

Investigations	Status	Result	Unit	Biological Reference Interval
COMPLETE BLOOD COUNT				
HAEMOGLOBIN		13.8	gm %	11.5-17
TOTAL LEUCOCYTES COUNT		6,600	cells/cumm.	4,000-10,000
DLC				
Neutrophils		65	%	50-70
Lymphocytes		30	%	20-40%
Basophils		00	%	0-0.1%
Monocytes		03	%	1-6%
Eosinophils		02	%	1-5%
PLATELET COUNT		2.5	lacs/cumm	1.5-4.5
TRBC	H	5.8	million/cumm	3-5
PCV		44	%	35-45
MCV	L	75	fl	76-92
MCH	L	23	pg	27-32
MCHC		31	g/dl	31-35
ESR		05	mm/1hr	0.0-10.0

*** End of Report ***

Dr INDU SAXENA
MOSS
Babu
SPL
Bag
Ph
RML

Indu Saxena

Indu Saxena

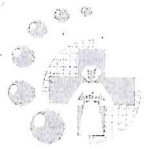
TECHNICIAN

Unit : Soni Hospitals Pvt. Ltd. - SPL, 229, RIICO Industrial Area, Bagru Phase - II (Extension), Jaipur, 303007
Mobile: 96 1592 1592, Telephone : +91- 0141-3999555 | E-mail : balajisoni@sonihospitals.com

INDU SAXENA

M.D PATHOLOGIST

RMC N. (10437)



करे जिंदगी की यात, हमारे साथ
SONI GROUP OF HOSPITALS

BALAJI SONI HOSPITAL

REPORT

Name	: AJAY BAIGA	Reg. No.	: OutSide	IPD/OPD Status	: OPD
Age/Sex	: 19 Y/Male	Accession No.	: 20230410020	Category	: ARL
consultant	: SANJEEV TAMBI	IPD/Bill No	:	Location/Bed.No	:

Sample Coll. at: 10/04/2023 6:49:07 PM

ACCEPT TIME AT: 10/04/2023 6:49:15 PM

ReportGen at: 11/04/2023 10:29:19 AM

Accession No

Registration No

Urine Routine Examination Report

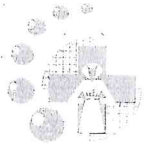
	Investigation	Result	Unit
<u>Routine Examination</u>	Appearance	Clear	
	Specific Gravity	1.010	
	Reaction (Ph)	6.0	
	Protein	NIL	
	Sugar	NIL	
<u>Microscopic Examination</u>	RBCs/HPF	NIL	/HPF
	WBCs/HPF	0-1	/HPF
	Epithelial Cells/HPF	0-1	/HPF
	Casts/HPF	NIL	/HPF
	Crystals/HPF	NIL	
	Amorphous Sediments	NIL	
	Spermatozoa	NIL	
	Others	NIL	

TECHNICIAN

Dr. Indu Saxena
MSE
Balaji Soni Hospital
SPL 229, RICO Phase
Bagru, Jaipur - 303007
Ph: 9615921592
RMC N. (10437)

INDU SAXENA
M.D PATHOLOGIST
RMC N. (10437)

Unit : Soni Hospitals Pvt. Ltd. - SPL, 229, RICO Industrial Area, Bagru Phase - II (Extension), Jaipur - 303007
Mobile: 96 1592 1592, Telephone : +91- 0141-3999555 | E-mail : hoh@sonihospitals.com



करे जिंदगी की बात, हमारे साथ
SONI GROUP OF HOSPITALS

BALAJI SONI HOSPITAL

REPORT

Name	: AJAY BAIGA	Reg. No.	: OutSide	IPD/OPD Status	: OPD
Age/Sex	: 19 Y/Male	Accession No.	: 20230410020	Category	: ARL
consultant	: SANJEEV TAMBI	IPD/Bill No	:	Location/Bed.No	:

Sample Coll. at: 10/04/2023 6:49:07 PM

ACCEPT TIME AT: 10/04/2023 6:49:15 PM

ReportGen at: 11/04/2023 8:10:21 PM

Accession No

Registration No

SPUTUM EXAMINATION REPORT

AFB SMEAR

AFB STAIN

SPECIMEN

QUANTITY
APPEARANCE
BLOOD

SPUTUM

1ml
Thick
NIL

MICROSCOPY

REPORT

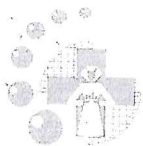
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TECHNICIAN

Dr. INDU SAXENA
MBBS MD Pathology
Balaji Soni Hospital
SPL 229, RIICO Phase
Bagru Jaipur 303007
Ph 0141 3999555
RMC Reg No 10437

INDU SAXENA
M.D PATHOLOGIST
RMC N. (10437)

Unit : Soni Hospitals Pvt. Ltd. - SPL, 229, RIICO Industrial Area, Bagru Phase - II (Extension), Jaipur - 303007
Mobile: 96 1592 1592, Telephone : +91- 0141-3999555 | E-mail : hsh@sonihospitals.com



करे सिंदरी की रात, हमारे साथ
SONI GROUP OF HOSPITALS

BALAJI SONI HOSPITAL

REPORT

Name:- Mr AJAY BAIGA	Age/sex:- 19 Y Male	F/H Name:- LAXMAN BAIGA
Reg.No:-OutSide	Accession no:20230410020	Category:-ARL
Consultant:- Dr. SANJEEV TAMBI	Bill no:-<trm_billno>	Date:- 10/04/2023 5:01:09 PM

CHEST X RAY PA VIEW

FINDINGS:-

Both lung fields are clear.

Mediastinal shadows normal.

Trachea is central.

Both C P angles are clear.

Both domes of diaphragm are normal in position & contour.

Cardiac shadow is within normal limits.

Soft tissue & bony cage is normal.

Impression - Normal Study

DR. ASHISH CHOUDHARY
MBBS, MD (Radio-Diagnosis)
Fetal Medicine Consultant
FMF ID 260517, RMC 22430
Balaji Soni Hospital, Bagru, Jaipur
Dr. Ashish Choudhary
MBBS, MD Radio Diagnosis
Fetal Medicine Consultant
Fellowship in Fetal medicine
FMF ID -260517, RMC 22430

RECORDERS & MEDICARE SYSTEMS

181/5, Phase-I, Industrial Area, Chandigarh-160002

Patient: MR AJAY BAIGA

Refd. By:

Pred.Eqns: RECORDERS

Date : 10-Apr-2023 03:26 PM

Age : 19 Years

Height : 160 Cms

Weight : 52 Kgs

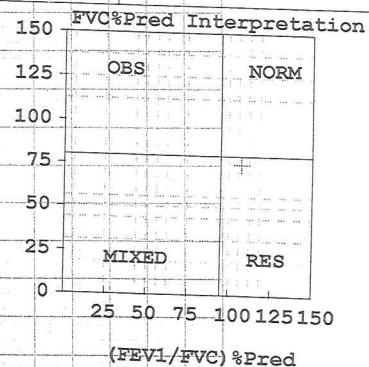
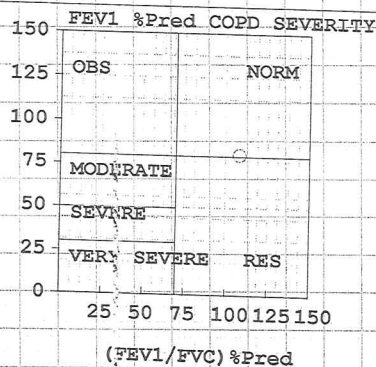
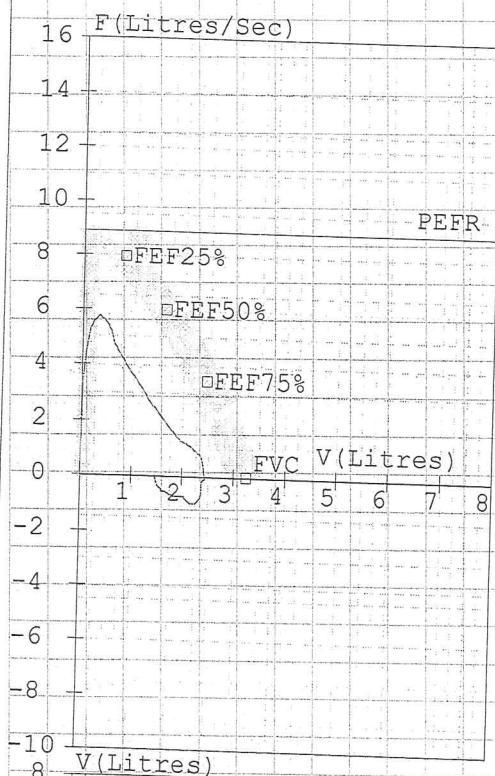
ID: 145

Gender : Male

Smoker : No

Eth. Corr: 100

Temp :



Parameter		Pred	M.Pre	%Pred	M.Post	%Pred	%Imp
FVC	(L)	03.24	02.43	075	----	---	----
FEV1	(L)	02.87	02.33	081	----	---	----
FEV1/FVC	(%)	88.58	95.88	108	----	---	----
FEF25-75	(L/s)	04.70	02.76	059	----	---	----
PEFR	(L/s)	08.88	05.69	064	----	---	----
FIVC	(L)	----	00.94	---	----	---	----
FEV.5	(L)	----	01.74	---	----	---	----
FEV3	(L)	03.15	02.43	077	----	---	----
PIFR	(L/s)	----	01.01	---	----	---	----
FEF75-85	(L/s)	----	01.27	---	----	---	----
FEF.2-1.2	(L/s)	07.81	04.29	055	----	---	----
FEF 25%	(L/s)	07.95	04.79	060	----	---	----
FEF 50%	(L/s)	05.99	03.01	050	----	---	----
FEF 75%	(L/s)	03.44	01.55	045	----	---	----
FEV.5/FVC	(%)	----	71.60	---	----	---	----
FEV3/FVC	(%)	97.22	100.00	103	----	---	----
FET	(Sec)	----	01.30	---	----	---	----
ExptTime	(Sec)	----	00.06	---	----	---	----
Lung Age	(Yrs)	019	023	121	----	---	----
FEV6	(L)	03.24	----	---	----	---	----
FIF25%	(L/s)	----	03.11	---	----	---	----
FIF50%	(L/s)	----	02.50	---	----	---	----
FIF75%	(L/s)	----	01.95	---	----	---	----

Pre Test COPD Severity

Test within normal limits

NAD

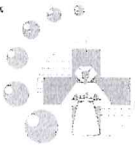
Pre Medication Report Indicates

Early Small Airway Obstruction as FEF 25-75 %Pred or PEFR %Pred < 70

Mild Restriction as (FEV1/FVC) %Pred > 95 and FVC %Pred < 80

Dr. SANJEEV TAMB
MBBS MD Consultant
(General Physician)
Balaji Sani Hospt. Bagru
Ph. 0141-3999553
RMC.No. 016396/85

Dr. Sanjeev Tambi



करे बिदेसी की बात, हमारे साथ
SONI GROUP OF HOSPITALS

BALAJI SONI HOSPITAL

C.R. No. _____

Date 10/4/23

Name Mr. Ajay Baisa

Age / Sex 19 y / M

Diagnosis _____

R_x

BP - 118/66 mm of Hg

P - 78 bpm

T - 98.4 °F

SpO₂ - 99.7 %

Height - 160 cm

Weight - 52 kg

Dr. SANJEEV TAMBI
MBBS MD Consultant
(General Physician)
Balaji Soni Hospital, Bagru
Ph. 0141-3999555
RMC.No. 016396/95

Aashan 775841369361
Mob 7489989725

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

MEDICAL EXAMINATION FORM OF THE WORKER

S.NO.

DATE 10/4/23

I. Personal Data :

Name Ajay Baiga Age/Sex Male
Industry ARK Contracted Ltd. Nature of work worker
Contact Details House No - 14, Ward No - 1, Lorha,
Umarga, M.P. - 484660

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 Unmarried 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 NO
4 Use of PPE / Wet method, if any Yes
5 Years of service in present occupation New
6 History of past Occupational, if any N/A
7 Total years of asbestos related work N/A
8 Para - occupational History of Asbestos exposure, if any N/A

V. Personal History:

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

VI. History of past illness, if any: N/A

VII. History of present illness, if any: N/A

VIII. Physical Examination:

A General Examination:

1	Height in Cms.....	160	2	Weight in Kgs.....	52
3	Nutrition	NA	4	Lymph nodes.....	NA
5	Pallor	NA	6	Anemia.....	NA
7	Cyanosis	NA	8	Clubbing	NA
9	Skin	NA	10	Oedema	NA
11	Pulse.....	78	12	BP	118/66

B. Systemic Examination:

1 Respiratory System:

B/L - A/E - equal & clear

2 Cardio-vascular System:

S₁ S₂ (+)

3 GI System:

(N)

IX. Investigation:

- 1 Pulmonary Function Test: Normal limits
- A FVC: a. Observed..... b. Predicted.....
- B FEV 1: a. Observed..... b. Predicted.....
- C. a. Obstructive Index:] NA
b. Restrictive Index:]

- 2 X-Ray Chest - PA view: Normal Study.

3. HRCT (if required): No

X. Clinical Impression:

FIT

Dr. SANJEEV TAMB
MBBS MD Consultant
(General Physician)
Balaji Sani Hospital, Bagru
Ph. 0141-2699553
RMC.No. 016396/95

(Signature of attending Doctor)

प्रशिक्षण

- सिर सुरक्षित – जीवन सुरक्षित
- हाथ कार्य का माध्यम हैं, इन्हें सुरक्षित रखें
- पाँव मंजिल तक पहुँचते हैं, इसका ख्याल रखें
- स्वच्छ हवा के लिए व्यक्तिगत सुरक्षा उपकरण का उपयोग करें
- आँख अनमोल है , इन्हें सुरक्षित रखें
- शोर बहरेपन का कारण है, इससे बचाव करें
- ऊँचाई पर कार्य करते समय सुरक्षा पेटी का प्रयोग करें
- सुरक्षा उपकरणों का उपयोग कीजिये । स्वयं को दुर्घटना से बचाइये
- एस्बेस्टस फाइबर क्या हैं ?
- यह रोग का कारण क्यों बनता है ?
- सुरक्षा सुनिश्चित करने के लिए सुरक्षा उपाय

हमें फाइबर से संभावित स्वास्थ्य खतरों का कारण, सुरक्षा के उपाय, सुरक्षा उपकरणों का उपयोग, अनुशासन, शिक्षा एवं प्रशिक्षण दिया गया।

नाम

: Ajay Baiga

पिता का नाम

: Caxman Baiga

दिनांक

: 10/04/23

अजय बैगा

हस्ताक्षर

Author No 7129 6939 7367

Prob No - 9770173391

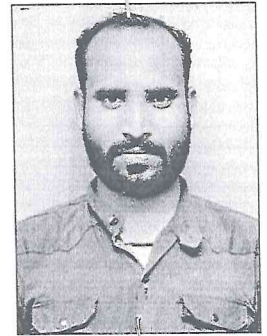
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16/1/23

Form No 30

(Prescribed Under Rule 100)

SPECIAL CERTIFICATE OF FITNESS



Serial No.

Date 10/04/23

I hereby certify that I have personally examined Mo. Aslam son
S/O Sheikh Nazam residing at ARL Infotech Ltd Bgnr who is desirous of being
worker in the Plant and that his age is nearly as
26 years, and he is, in my opinion
fit for employment

no descriptive marks are

मोहम्मद असलम

Signature of left hand thumb

Impression of person employed

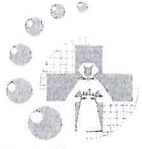
Aut

Signature of certifying surgeon

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

19.5.2023.

NIL



करे जिंदगी की रात, हमारे साथ
SONI GROUP OF HOSPITALS

BALAJI SONI HOSPITAL

C.R. No. _____

Date 10/4/23

Name Mr. Mo. Islam

Age / Sex 27/Y

Diagnosis _____

R_x BP - 126/78 mm of Hg
P - 60.
SpO₂ - 99-1.
Temp - 98.4 F
Weight - 60 kg
Ht - 5.5 inch

Dr. SANJEEV TAMBHI
MBBS MD Consultant
(General Physician)
Balaji Soni Hospital, Bagru
Ph. 0141-3999555
RMC.No. 016396/95



करे जिंदगी की रात, हमारे साथ
SONI GROUP OF HOSPITALS

BALAJI SONI HOSPITAL

REPORT

Name	:MO.ASLAM	Reg. No.	:OutSide	IPD/OPD Status	:OPD
Age/Sex	:27 Y/Male	Accession No.	:20230410018	Catagory	:ARL
consultant	:SANJEEV TAMB	IPD/Bill No	:	Location/Bed.No	:

Sample Collected at: 10/04/2023 6:44:14 PM

Accept Time at: 10/04/2023 6:49:29 PM

Report Gen at: 11/04/2023 10:40:34 AM

Accession No

HAEMATOLOGY

Registration No

SAMPLE TYPE : EDTA BLOOD

HAEMATOLOGY REPORT				
Investigations	Status	Result	Unit	Biological Reference Interval
COMPLETE BLOOD COUNT				
HAEMOGLOBIN		12.6	gm %	11.5-17
TOTAL LEUCOCYTES COUNT		8,200	cells/cumm.	4,000-10,000
DLC				
Neutrophils		70	%	50-70
Lymphocytes		25	%	20-40%
Basophils		00	%	0-0.1%
Monocytes		03	%	1-6%
Eosinophils		02	%	1-5%
PLATELET COUNT				
TRBC	H	6.2	lacs/cumm	1.5-4.5
PCV		42	million/cumm	3-5
MCV	L	67	%	35-45
MCH	L	20	fl	76-92
MCHC	L	29	pg	27-32
ESR		05	g/dl	31-35
			mm/1hr	0.0-10.0

*** End of Report ***

Dr. INDU SAXENA
MBBS MD Pathology
BAGRU PHASE II (EXTENSION), JAIPUR
S.P. 1000000000
Ba. 1000000000
Ph. 1000000000
Rd. 1000000000

INDU SAXENA

M.D PATHOLOGIST

RM 1000000000

TECHNICIAN

Unit : Soni Hospitals Pvt. Ltd. - SPL, 229, RIICO Industrial Area, Bagru Phase - II (Extension), Jaipur - 303007
Mobile: 96 1592 1592. Telephone : +91- 0141-3000555



करे जिंदगी की बात, हमारे साथ
SONI GROUP OF HOSPITALS

BALAJI SONI HOSPITAL

REPORT

Name	: MO.ASLAM	Reg. No.	: OutSide	IPD/OPD Status	: OPD
Age/Sex	: 27 Y/Male	Accession No.	: 20230410018	Category	: ARL
consultant	: SANJEEV TAMBI	IPD/Bill No	:	Location/Bed.No	:

Sample Coll. at: 10/04/2023 6:44:14 PM

ACCEPT TIME AT: 10/04/2023 6:49:29 PM

ReportGen at: 11/04/2023 10:40:45 AM

Accession No

Registration No

Urine Routine Examination Report

	Investigation	Result	Unit
Routine Examination	Appearance	Clear	
	Specific Gravity	1.030	
	Reaction (Ph)	6.0	
	Protein	NIL	
	Sugar	NIL	
Microscopic Examination	RBCs/HPF	NIL	/HPF
	WBCs/HPF	1-2	/HPF
	Epithelial Cells/HPF	1-2	/HPF
	Casts/HPF	NIL	/HPF
	Crystals/HPF	NIL	
	Amorphous Sediments	NIL	
	Spermatozoa	NIL	
	Others	NIL	

Dr INDU SAXENA
MBBS MD Pathology
Balaji Soni Hospital
SPL 229 RIICO Phase
Bagru Jaipur 30300
Ph 0141 3999555
RMC Reg No 10437

INDU SAXENA
M.D PATHOLOGIST
RMC N. (10437)

TECHNICIAN

Unit : Soni Hospitals Pvt. Ltd. - SPL, 229, RIICO Industrial Area, Bagru Phase - II (Extension), Jaipur - 303007
Mobile: 96 1592 1592, Telephone : +91- (0141)-3999555 E-mail : hsh@sonihospital.com



करे जिंदगी की राह, हमारे साथ
SONI GROUP OF HOSPITALS

BALAJI SONI HOSPITAL

REPORT

Name	: MO.ASLAM	Reg. No.	: OutSide	IPD/OPD Status	: OPD
Age/Sex	: 27 Y/Male	Accession No.	: 20230410018	Catagory	: ARL
consultant	: SANJEEV TAMBHI	IPD/Bill No	:	Location/Bed.No	:

Sample Coll. at: 10/04/2023 6:44:14 PM

ACCEPT TIME AT: 10/04/2023 6:49:29 PM

ReportGen at: 11/04/2023 8:11:07 PM

Accession No

Registration No

SPUTUM EXAMINATION REPORT

AFB SMEAR

AFB STAIN

SPECIMEN

QUANTITY

APPEARANCE

BLOOD

SPUTUM

2ml

Thick

NIL

MICROSCOPY

REPORT

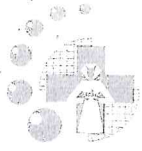
NO SIGN ASBESTOS FIBRE FOUND

Dr INDU SAXENA
MBBS MD Pathology
Balaji Soni Hospital
SPL 229 RICO Phase
Bagru Jaipur 30300
Ph 0141 3999555
RMC Reg No 10437

INDU SAXENA
M.D PATHOLOGIST
RMC N. (10437)

TECHNICIAN

Unit : Soni Hospitals Pvt. Ltd. - SPL, 229, RICO Industrial Area, Bagru Phase - II (Extension), Jaipur - 303007
Mobile: 96 1592 1592. Telephone : +91-0141-3999555 E mail: hsh@soni-hospitals.com



करे मिंदगी की याद, हमारे साथ
SONI GROUP OF HOSPITALS

BALAJI SONI HOSPITAL

REPORT

Name:- Mr MO.ASLAM	Age/sex:- 27 Y Male	F/H Name:- SHEKH HASAN
Reg.No:-OutSide	Accession no:20230410018	Category:-ARL
Consultant:- Dr. SANJEEV TAMBI	Bill no:-<trm_billno>	Date:- 10/04/2023 3:09:08 PM

CHEST X RAY PA VIEW

FINDINGS:-

Both lung fields are clear.

Mediastinal shadows normal.

Trachea is central.

Both C P angles are clear.

Both domes of diaphragm are normal in position & contour.

Cardiac shadow is within normal limits.

Soft tissue & bony cage is normal.

Impression - Normal Study

Dr. Ashish Choudhary
MBBS, MD Radio Diagnosis
Fetal Medicine Consultant
Fellowship in Fetal medicine
FMF ID -260517, RMC 22430

RECORDERS & MEDICARE SYSTEMS

181/5, Phase-I, Industrial Area, Chandigarh-160002

Patient: MR. MO. ASLAM

Refd. By:

Pred. Eqns: RECORDERS

Date : 10-Apr-2023 03:26 PM

Age : 27 Years

Height : 157 Cms

Weight : 60 Kgs

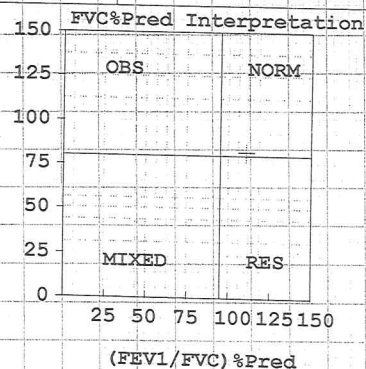
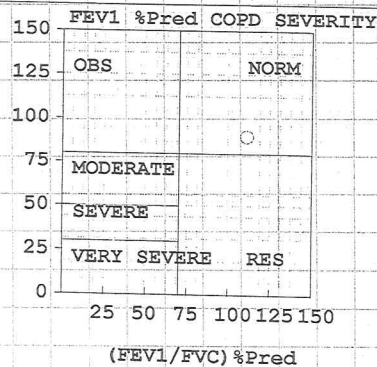
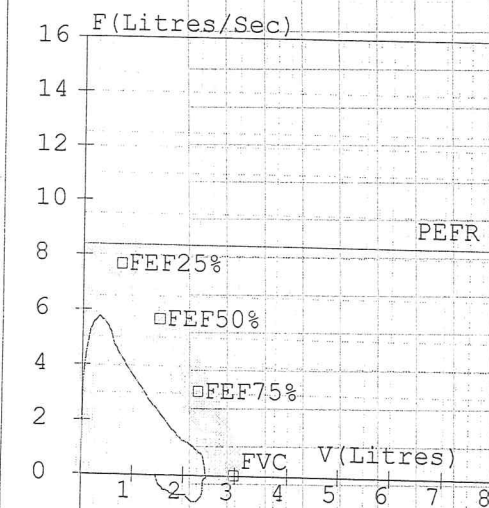
ID: 145

Gender : Male

Smoker : No

Eth. Corr: 100

Temp :



Parameter		Pred	M.Pre	%Pred	M.Post	%Pred	%Imp
FVC	(L)	02.98	02.43	082	---	---	---
FEV1	(L)	02.58	02.33	090	---	---	---
FEV1/FVC	(%)	86.58	95.88	111	---	---	---
FEF25-75	(L/s)	04.28	02.76	064	---	---	---
PEFR	(L/s)	08.38	05.69	068	---	---	---
FIVC	(L)	---	00.94	---	---	---	---
FEV.5	(L)	---	01.74	---	---	---	---
FEV3	(L)	02.89	02.43	084	---	---	---
PIFR	(L/s)	---	01.01	---	---	---	---
FEF75-85	(L/s)	---	01.27	---	---	---	---
FEF.2-1.2	(L/s)	07.11	04.29	060	---	---	---
FEF 25%	(L/s)	07.68	04.79	062	---	---	---
FEF 50%	(L/s)	05.67	03.01	053	---	---	---
FEF 75%	(L/s)	03.07	01.55	050	---	---	---
FEV.5/FVC	(%)	---	71.60	---	---	---	---
FEV3/FVC	(%)	96.98	100.00	103	---	---	---
FET	(Sec)	---	01.30	---	---	---	---
ExptTime	(Sec)	---	00.06	---	---	---	---
Lung Age	(Yrs)	027	030	111	---	---	---
FEV6	(L)	02.98	---	---	---	---	---
FIF25%	(L/s)	---	03.11	---	---	---	---
FIF50%	(L/s)	---	02.50	---	---	---	---
FIF75%	(L/s)	---	01.95	---	---	---	---

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. SANJEEV TAMB
MBBS MD Consultant
(General Physician)
Balaji Sani Hospital, Bagru
Ph. 0141-3999555
RMC.No. 016396195
Dr. Sanjeev Tambi

GOVERNMENT OF INDIA
MINISTRY OF LABOUR & EMPLOYMENT
CENTRAL LABOUR INSTITUTE

WORKER

MEDICAL EXAMINATION FORM OF THE WORKER

DATE 10/04/23

S NO

I. Personal Data :

Name M. A. Blom Age 26
Industry ARL Imtech Ltd. Bangalore Nature of work Worker
Contact Details 9470173391 Near M. A. Blom Salary 79
Ratni T. P. 483501

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 04

IV. Occupational History:

1 Present Occupation, Designation Worker
2 Nature work done Worker
3 Over time / extra time if any No
4 Use of PPE / Wet method if any Yes
5 Years of service in present occupation None
6 History of past Occupational, if any Nil
7 Total years of asbestos related work Nil
8 Para - occupational History of Asbestos exposure, if any Nil

V. Personal History:

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

VI. History of past illness, if any:

VII. History of present illness, if any:

VIII. Physical Examination:

A General Examination:

1	Height in Cms.	5'5	2	Weight in Kgs	60
3	Nutrition	NA	4	Lymph nodes	NA
5	Pallor	NA	6	Anemia	NA
7	Cyanosis	NA	8	Clubbing	NA
9	Skin	NA	10	Edema	NA
11	Pulse	60	12	BP	126/78

B. Systemic Examination:

1 Respiratory System:

B/L A/E - equal & ant

2 Cardio-vascular System:

S₁S₂ ⊕

3 GI System:

(N)

IX. Investigation:

1 Pulmonary Function Test: Normal limits

A FVC: a. Observed b. Predicted

B FEV 1: a. Observed b. Predicted

C. a. Obstructive Index: } NA
b. Restrictive Index: }

2 X-Ray Chest - PA view:

Normal study

3. HRCT (if required): No

X. Clinical Impression

FIT

Dr. SANJEEV TAMB
MBBS MD Consultant
(General Physician)
Balaji Sora Hospital Bagru
Ph. 0141-8999553
RMC.No: 016306/05

(Signature of attending Doctor)

प्रशिक्षण

- सिर सुरक्षित - जीवन सुरक्षित
- हाथ कार्य का माध्यम हैं, इन्हें सुरक्षित रखें
- पाँव मंजिल तक पहुँचते हैं, इसका खयाल रखें
- स्वच्छ हवा के लिए व्यक्तिगत सुरक्षा उपकरण का उपयोग करें
- आँख अनमोल है, इन्हें सुरक्षित रखें
- शोर बहरेपन का कारण है, इससे बचाव करें
- ऊँचाई पर कार्य करते समय सुरक्षा पेटी का प्रयोग करें
- सुरक्षा उपकरणों का उपयोग कीजिये । स्वयं को दुर्घटना से बचाइये
- एम्बेस्टर फाइबर क्या हैं ?
- यह रोग का कारण क्यों बनता है ?
- सुरक्षा सुनिश्चित करने के लिए सुरक्षा उपाय

हमें फाइबर से संभावित स्वास्थ्य खतरों का कारण, सुरक्षा के उपाय, सुरक्षा उपकरणों का उपयोग अनुशासन, शिक्षा एवं प्रशिक्षण दिया गया।

नाम 190. Aslam

पिता का नाम S/o Shrikh Haran,

दिनांक 03/04/23.

मोहम्मद असलम
हस्ताक्षर

15/3/23

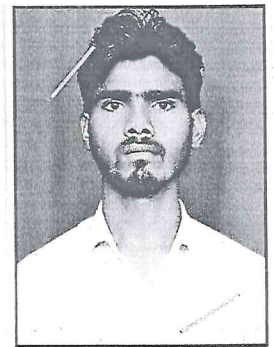
Registration No. 2580 9599 6253

ABC

1 [Form No. 30]

(Prescribed Under Rule 100)

SPECIAL CERTIFICATE OF FITNESS



Serial No. _____

Date 7/04/23

I hereby certify that I have personally examined Rajun son of Gurudayal residing at ARL ENFATECH LTD who is desirous of being employed as Worker in the Plant and that his age, as nearly as can be ascertained from my examination, is 24 year Years, and he is, in my opinion fit for employment in _____.

His descriptive marks are Left Hand block Spoke

Signature or left hand thumb

Impression of person employed

(Dr. Anita Gupta)
Inspector Factories (Medical)
Factories and Solars Dept.

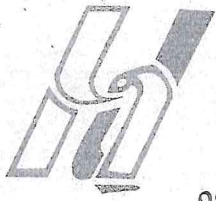
Aut

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			

19.5.2023

412



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. मयता 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 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)

सभी तरह के ऑपरेशन
दरखीन से करने की
सुविधा।

Name Ratan OPD NO. 01

Age 24y Sex Male Date 7/4/23

BI = 120 - 80
HR = 78/min
BP = 110/70
RR = 18/min

No H/O Cate 2nd exam

No H/O exam

No H/O Ay Caplen

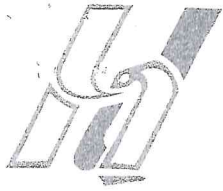
CBC - HAS

Uric Acid HAS



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 RAJAN

NO 01

Ref. By Dr RAMAN KANDOI

sex male

Date 07/04/2023

Ag 24 year

SPUTUM FOR AFB

MICROBIOLOGY TEST REPORT

TEST :AFB STAIN

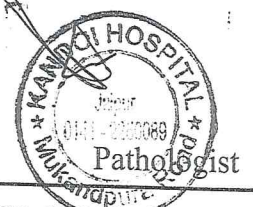
SPECIMEN : SPUTUM

RESULT : No acid fast bacilli seen.

****End of report****

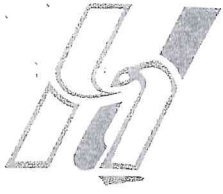
Technologist

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 RAJAN

NO 01

Ref. By Dr RAMAN KANDOI

sex male

Date 07/04/2023

Ag 24 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.

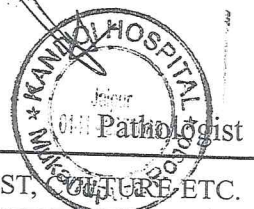
No sign of Asbestosis

OPINION : - NAD IN HEART AND LUNGS

Please correlate clinically

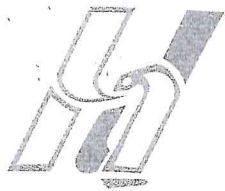
Technologist

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 RAJAN

NO 01

Ref. By Dr RAMAN KANDOI

sex male

Date 07/04/2023

Ag 24 year

URINE - EXAMINATION

ROUTINE:-

Albumin nil

Sugar nil

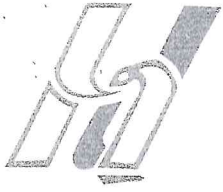
Technologist

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



Kandoi Hospital

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



Name : RAJAN H.R.No. : 0
Age/Sex : 24 Y M Lab No :
Doctor Name : DR.RAMAN KANDOI Visit Date: 07/04/2023
Department : SELF
Sample Col At: Acc. At: Rep.Time:

COMPLETE BLOOD COUNT

TEST	RESULT	UNIT	NORMAL RAG
HEMOGLOBIN	13.3	gm/dl	10 - 16
WBC	5500	$\times 10^3/\text{ul}$	4000 - 11000
POLYMORPH	68	%	40-75 %
LYMPHOCYTE	31	%	20-45 %
EOSINOPHIL	01	%	1-5 %
MONOCYTE	00	%	0-6 %
BASOPHIL	00	%	0-2 %
HCT	45.3	%	34-53 %
TRBC	4.83	Million/C	$3-5.6 \times 10^6/\text{ul}$
PLATELETS	1.56	LACKS/Cu	1.5-4.5
MCV	93.8	Femto	76-96 Femto Lit.
MCH	27.5	Pico gram	27-32 Pico gram
MCHC	29.4	gm/dl	32-36 gm/dl

End of Report

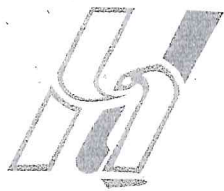
Technologist

Radiologist



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



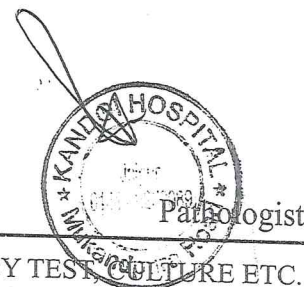
Name	: RAJAN	H.R.No.	: 0
Age/Sex	: 24 Y M	Lab No	: 01
Doctor Name	: DR.RAMAN KANDOI	Visit Date	: 07/04/2023
Department	: SELF		
Sample Col At:	Acc. At:	Rep.Time: 05:44 PM	07/04/2023

DEPARTMENT OF HAEMATOLOGY

TEST	RESULT	UNIT	NORMAL RAG
ESR	10	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

KANDOI HOSPITAL

BHANKROTA JAIPUR

Patient: RAJAN

Refd. By:

Pred.Eqns: RECORDERS

Date : 07-Apr-2023 04:17 PM

Age : 24 Years

Height : 168 Cms

Weight : 52 Kgs

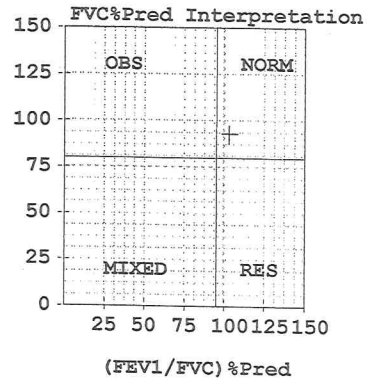
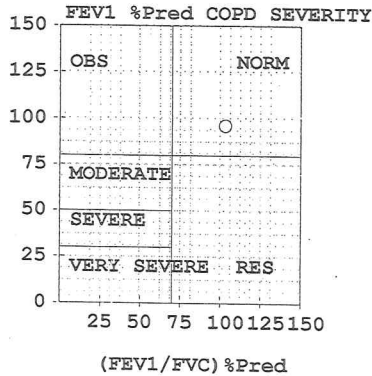
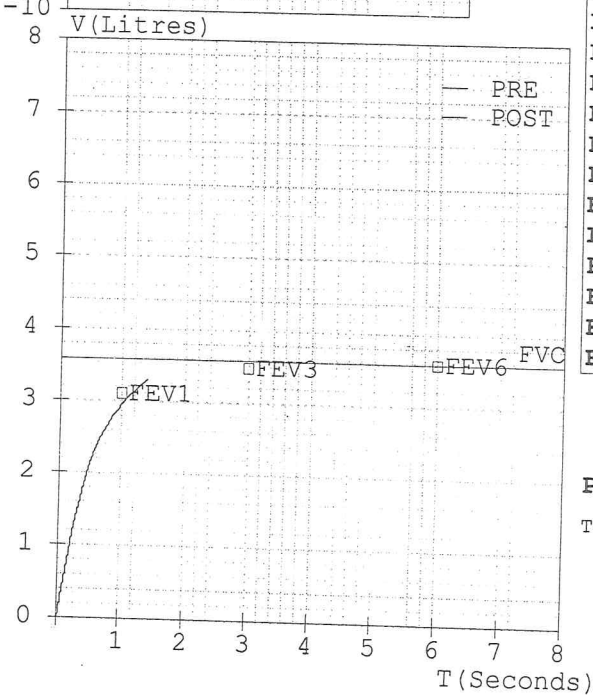
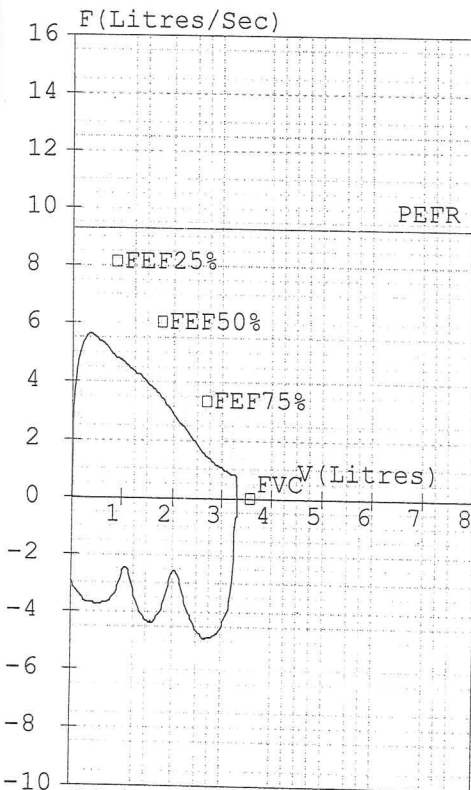
ID: 331

Gender : Male

Smoker : No

Eth. Corr: 100

Temp :



Spirometry (FVC Results)						
Parameter	Pred	M.Pre %Pred	M.Post %Pred	%Imp		
FVC (L)	03.57	03.31	093	---	---	---
FEV1 (L)	03.09	02.96	096	---	---	---
FEV1/FVC (%)	86.55	89.43	103	---	---	---
FEF25-75 (L/s)	04.62	03.28	071	---	---	---
PEFR (L/s)	09.27	05.55	060	---	---	---
FIVC (L)	---	03.41	---	---	---	---
FEV.5 (L)	---	02.13	---	---	---	---
FEV3 (L)	03.47	03.31	095	---	---	---
PIFR (L/s)	---	04.87	---	---	---	---
FEF75-85 (L/s)	---	01.47	---	---	---	---
FEF.2-1.2 (L/s)	07.88	05.01	064	---	---	---
FEF 25% (L/s)	08.13	04.91	060	---	---	---
FEF 50% (L/s)	06.05	03.66	060	---	---	---
FEF 75% (L/s)	03.35	01.88	056	---	---	---
FEV.5/FVC (%)	---	64.35	---	---	---	---
FEV3/FVC (%)	97.20	100.00	103	---	---	---
FET (Sec)	---	01.42	---	---	---	---
ExptTime (Sec)	---	00.06	---	---	---	---
Lung Age (Yrs)	024	025	104	---	---	---
FEV6 (L)	03.57	---	---	---	---	---
FIF25% (L/s)	---	04.08	---	---	---	---
FIF50% (L/s)	---	04.24	---	---	---	---
FIF75% (L/s)	---	03.69	---	---	---	---

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

Adhar No - 2580 9599 6253

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

MEDICAL EXAMINATION FORM OF THE WORKER

S.NO.

DATE 07/04/23

I. Personal Data :

Name Rajay Age/Sex 24 year (24/11/1998)
Industry ARL Softech Ltd. Nature of work Worker
Contact Details Karimabad, UNNITO, Shivaj, UNNITO (UP)
Phone: 9729989570

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 Unmarried No of Family Member 02

IV. Occupational History:

1 Present Occupation / Designation Worker
2 Nature work done Worker
3 Over time / extra time, if any NO
4 Use of PPE/ Wet method, if any Yes
5 Years of service in present occupation 4 year
6 History of past Occupational, if any Not known
7 Total years of asbestos related work Not known
8 Para - occupational History of Asbestos exposure, if any Not known

V. Personal History:

1 Smoking: Duration Not known No of Cig./Beedi per day Not known
2 Alcohol: Occasional / Regular Not known Quantity Not known
3 Any other addiction, if any Not known

VI. History of past illness, if any:

VII. History of present illness, if any :

VIII. Physical Examination:

A General Examination:

1	Height in Cms.....	16.8	2	Weight in Kgs.....	52
3	Nutrition	Good	4	Lymph nodes.....	NO
5	Pallor	NO	6	Anemia.....	NO
7	Cyanosis	NO	8	Clubbing	NO
9	Skin	(U)	10	Oedema	NO
11	Pulse.....	78	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:

b. Restrictive Index:

NAD

2 X-Ray Chest – PA view:

NAD

3. HRCT (if required): —

X. Clinical Impression:

FIT



(Signature of attending Doctor)

प्रशिक्षण

- सिर सुरक्षित – जीवन सुरक्षित
- हाथ कार्य का माध्यम हैं, इन्हे सुरक्षित रखें
- पाँव मंजिल तक पहुँचते हैं, इसका ख्याल रखें
- स्वच्छ हवा के लिए व्यक्तिगत सुरक्षा उपकरण का उपयोग करें
- आँख अनमोल है , इन्हे सुरक्षित रखें
- शोर बहरेपन का कारण है, इससे बचाव करें
- ऊँचाई पर कार्य करते समय सुरक्षा पेटी का प्रयोग करें
- सुरक्षा उपकरणों का उपयोग कीजिये । स्वयं को दुर्घटना से बचाइये
- एस्बेस्टस फाइबर क्या हैं ?
- यह रोग का कारण क्यों बनता हैं ?
- सुरक्षा सुनिश्चित करने के लिए सुरक्षा उपाय

हमें फाइबर से संभावित स्वास्थ्य खतरों का कारण, सुरक्षा के उपाय, सुरक्षा उपकरणों का उपयोग, अनुशासन, शिक्षा एवं प्रशिक्षण दिया गया।

नाम : Rajan
पिता का नाम : Gopal Nayak
दिनांक : 06/04/2023

हस्ताक्षर

राजन

SC

14/23

AADHAN 4321 9839 0144

1 [Form No. 30]

(Prescribed Under Rule 100)

SPECIAL CERTIFICATE OF FITNESS



Serial No. _____

Date 07/04/23

I hereby certify that I have personally examined Rahul son of Deshraj residing at ARI Infirmary Ws who is desirous of being employed as workman in the Plant 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 Left Hand small finger a blue mark
Rahul

Signature or left hand thumb

Impression of person employed

Aut

Signature of certifying surgeon

I certify that

I extend this

Signature of

(Dr. Anita Gupta)
Inspector of Factories (Medical)
Factories Note of Officers Deptt.
Jaipur
Symptoms

I examined the

Certificate until

Certifying

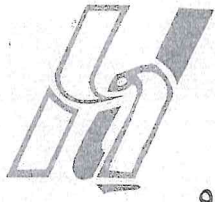
Person mentioned

Surgeon

Above on

19.5.2023

NIL



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 खुर्दटा
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. सुनील गोचल
MCH (Plastic Surgeon)

Name Rahul OPD NO. 02

Age 25y Sex Male Date 7/4/23

BP = 130/80 mmHg
P = 72/min
HR = 99/min

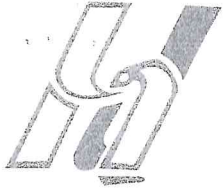
NO H/O Chest & Lungs
NO H/O Abdomen
NO H/O Ag. system
CBC - WBC
X-ray Chest WBC



सभी तरह के ऑपरेशन
दृग्बीन 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 RAHUL

NO 02

Ref. By Dr RAMAN KANDOI

sex male

Date 07/04/2023

Ag 25 year

SPUTUM FOR AFB

MICROBIOLOGY TEST REPORT

TEST :AFB STAIN

SPECIMEN : SPUTUM

RESULT : No acid fast bacilli seen.

****End of report****

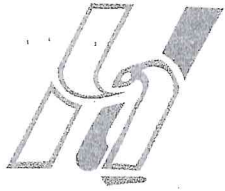
Technologist

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



Kandoi Hospital

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



NAME RAHUL

NO 02

Ref. By Dr RAMAN KANDOI

sex male

Date 07/04/2023

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

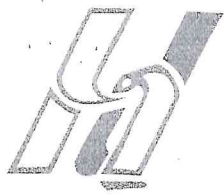
Technologist

Radiologist



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 RAHUL

NO 02

Ref. By Dr RAMAN KANDOI

sex male

Date 07/04/2023

Ag 25 year

URINE - EXAMINATION

ROUTINE:-

Albumin nil

Sugar nil

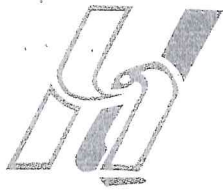
Technologist

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



Kandoi Hospital

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



Name	: RAHUL	H.R.No.	: 0
Age/Sex	: 25 Y M	Lab No	: 02
Doctor Name	: DR.RAMAN KANDOI	Visit Date	: 07/04/2023
Department	: SELF		
Sample Col At:	Acc. At:	Rep.Time:	

COMPLETE BLOOD COUNT

TEST	RESULT	UNIT	NORMAL RAG
HEMOGLOBIN	14.8	gm/dl	10 - 16
WBC	9500	$\times 10^3/\text{ul}$	4000 - 11000
POLYMORPH	68	%	40-75 %
LYMPHOCYTE	31	%	20-45 %
EOSINOPHIL	01	%	1-5 %
MONOCYTE	00	%	0-6 %
BASOPHIL	00	%	0-2 %
HCT	47.1	%	34-53 %
TRBC	5.12	Million/C	$3-5.6 \times 10^6/\text{ul}$
PLATELETS	2.23	LACKS/Cu	1.5-4.5
MCV	92.0	Femto	76-96 Femto Lit.
MCH	28.9	Pico gram	27-32 Pico gram
MCHC	31.4	gm/dl	32-36 gm/dl

End of Report

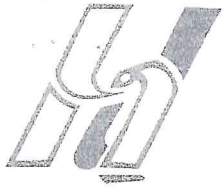
Technologist

Radiologist



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Kandoi Hospital

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



Name	: RAHUL	H.R.No.	: 0
Age/Sex	: 25 Y M	Lab No	: 02
Doctor Name	: DR.RAMAN KANDOI	Visit Date	: 07/04/2023
Department	: SELF		
Sample Col At:	Acc. At:	Rep.Time: 05:45 PM	07/04/2023

DEPARTMENT OF HAEMATOLOGY

TEST	RESULT	UNIT	NORMAL RAG
ESR	12	mm/hr	0-20
End of Report			

Technologist

Radiologist



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

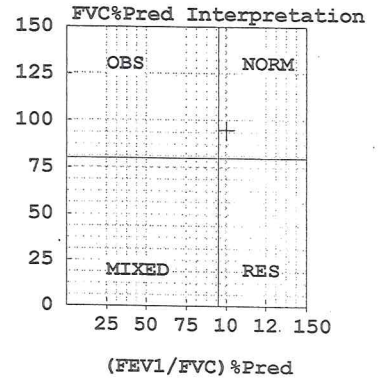
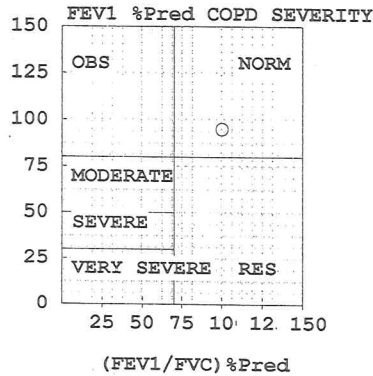
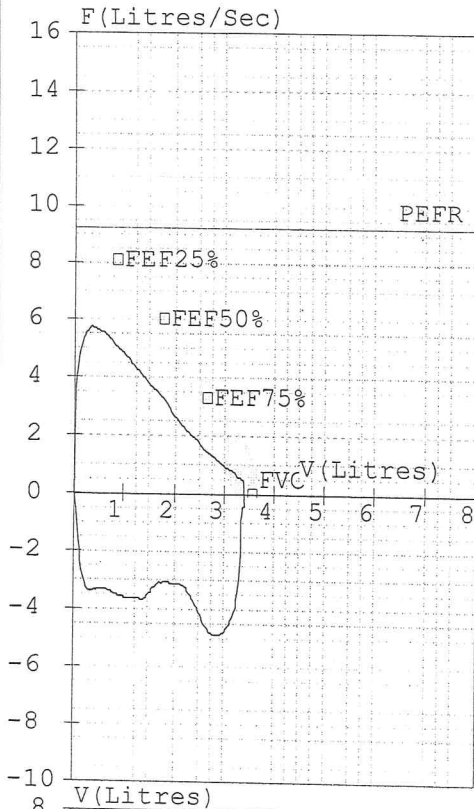
Not : The Above Result Are Subject to Variation Due To Technical Limitation Hence Correlation With Clinical Finding And Other Investigation Should be Done

KANDOI HOSPITAL

BHANKROTA JAIPUR

Patient: RAHUL
Refd. By:
Pred.Eqns: RECORDERS
Date : 07-Apr-2023 04:19 PM

Age : 25 Years Gender : Male
Height : 168 Cms Smoker : No
Weight : 58 Kgs Eth. Corr: 100
ID: 332 Temp :



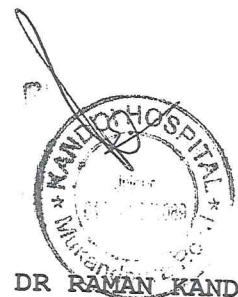
Spirometry (FVC Results)

Parameter	Pred	M.Pre %Pred	M.Post %Pred	%Imp
FVC (L)	03.56	03.39	095	---
FEV1 (L)	03.06	02.91	095	---
FEV1/FVC (%)	85.96	85.84	100	---
FEF25-75 (L/s)	04.58	02.97	065	---
PEFR (L/s)	09.23	05.68	062	---
FIVC (L)	---	03.37	---	---
FEV.5 (L)	---	02.11	---	---
FEV3 (L)	03.45	03.39	098	---
PIFR (L/s)	---	04.86	---	---
FEF75-85 (L/s)	---	01.32	---	---
FEF.2-1.2 (L/s)	07.81	05.12	066	---
FEF 25% (L/s)	08.11	05.04	062	---
FEF 50% (L/s)	06.02	03.38	056	---
FEF 75% (L/s)	03.31	01.62	049	---
FEV.5/FVC (%)	---	62.24	---	---
FEV3/FVC (%)	96.91	100.00	103	---
FET (Sec)	---	01.69	---	---
ExptTime (Sec)	---	00.06	---	---
Lung Age (Yrs)	025	026	104	---
FEV6 (L)	03.56	---	---	---
FIF25% (L/s)	---	04.38	---	---
FIF50% (L/s)	---	03.07	---	---
FIF75% (L/s)	---	03.50	---	---

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.



adhar - 432198398144

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

MEDICAL EXAMINATION FORM OF THE WORKER

S.NO.

DATE 07/04/23

I. Personal Data :

Name Rohit Age/Sex 06/02/1998
Industry ARI Infotech Ltd Nature of work Worker
Contact Details maulvi kheda maulvi mader pur Rail
(U.P.) Unnao, (241503)

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 07

IV. Occupational History:

1 Present Occupation / Designation Worker
2 Nature work done Worker
3 Over time / extra time, if any No
4 Use of PPE/ Wet method, if any Yes
5 Years of service in present occupation None
6 History of past Occupational, if any Nil
7 Total years of asbestos related work Nil
8 Para - occupational History of Asbestos exposure, if any Nil

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.....	168	2	Weight in Kgs.....	58
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.....	72	12	BP	130/90

B. Systemic Examination:

1 Respiratory System:

NAD

2 Cardio-vascular System:

NAD

3 GI System:

NAD

IX. Investigation:

1 Pulmonary Function Test:

Normal

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)

प्रशिक्षण

- सिर सुरक्षित – जीवन सुरक्षित
- हाथ कार्य का माध्यम हैं, इन्हें सुरक्षित रखें
- पाँव मंजिल तक पहुँचते हैं, इसका ख्याल रखें
- स्वच्छ हवा के लिए व्यक्तिगत सुरक्षा उपकरण का उपयोग करें
- आँख अनमोल है , इन्हें सुरक्षित रखें
- शोर बहरेपन का कारण है, इससे बचाव करें
- ऊँचाई पर कार्य करते समय सुरक्षा पेटी का प्रयोग करें
- सुरक्षा उपकरणों का उपयोग कीजिये । स्वयं को दुर्घटना से बचाइये
- एस्बेस्टस फाइबर क्या हैं ?
- यह रोग का कारण क्यों बनता है ?
- सुरक्षा सुनिश्चित करने के लिए सुरक्षा उपाय

हमें फाइबर से संभावित स्वास्थ्य खतरों का कारण, सुरक्षा के उपाय, सुरक्षा उपकरणों का उपयोग, अनुशासन, शिक्षा एवं प्रशिक्षण दिया गया ।

नाम : Rahul
पिता का नाम : Deshmukh
दिनांक : 04/06/2023

हस्ताक्षर : Rahul

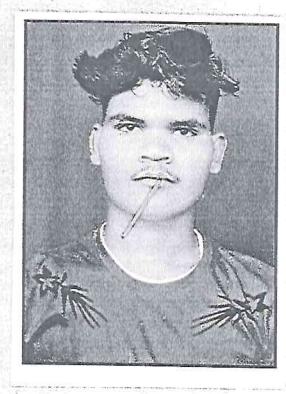
13/3/23

7742 8126 1466

1 [Form No. 30]

(Prescribed Under Rule 100)

SPECIAL CERTIFICATE OF FITNESS



Serial No. _____

Date 17/03/23

I hereby certify that I have personally examined ANIL son
of Gurdy Adiwasi residing at ADL Infatceh ch who is desirous of being
employed as WORKER In the Plant and that his age, as nearly as
can be ascertained from my examination, is 20 year Years, and he is, in my opinion
fit for employment in _____

His descriptive marks are Right Hand 4 marks

अनिल

Signature or left hand thumb

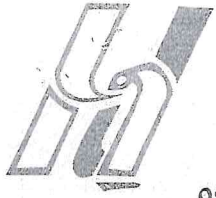
Impression of person employed

Anil

Signature of certifying surgeon

(Dr. Anita Gupta)

I certify that	I extend this	Signature of	Sector Factories (Medical)
I examined the	Certificate until	Certifying	ories Note of
Person mentioned		Surgeon	Jaipur
Above on			Symptoms
<u>19.5.2023</u>			<u>NIL</u>



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 खुदेदा

MD (पेथोलोजिस्ट)

* डॉ. समुन्दर सिंह

MBBS, MS
(हड्डी रोग विशेषज्ञ)

* डॉ. राघव मोहता

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. सुनीश गोयल

MCH (Plastic Surgeon)

सभी तरह के ऑपरेशन
सुविधा से करने की
सुविधा।

Name Anil OPD NO. 111.....

Age..... 20y Sex..... Male..... Date..... 17/3/23

BI - 110/23

P - 88/1

HR 115

SpO2 = 99%

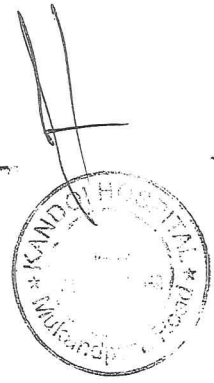
NO H/O Cough & cold

NO H/O Fever

NO H/O any pain

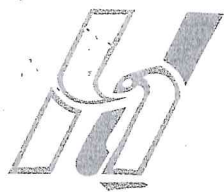
CBC - WBC

KRg (Kandoi Hospital)



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

THIS IS NOT VALID FOR MEDICOLEGAL PURPOSE



Kandoi Hospital

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



NAME ANIL

NO 11

Ref. By Dr RAMAN KANDOI

sex male

Date 17/03/2023

Ag 20 year

SPUTUM FOR AFB

MICROBIOLOGY TEST REPORT

TEST :AFB STAIN

SPECIMEN : SPUTUM

RESULT : No acid fast bacilli seen.

****End of report****

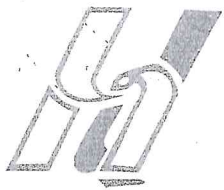
Technologist

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 ANIL

NO 11

Ref. By Dr RAMAN KANDOI

sex male

Date 17/03/2023

Ag 20 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

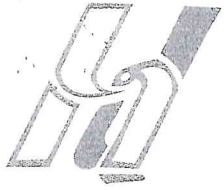

Technologist

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 ANIL

NO 11

Ref. By Dr RAMAN KANDOI

sex male

Date 17/03/2023

Ag 20 year

URINE - EXAMINATION

ROUTINE:-

Albumin nil

Sugar nil

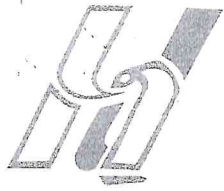
Technologist

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



Kandoi Hospital

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

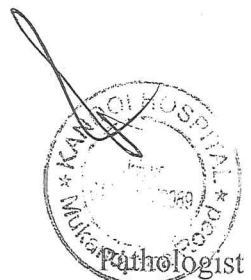


Name	: ANIL	H.R.No.	: 0
Age/Sex	: 20 Y M	Lab No	: 11
Doctor Name	: DR.RAMAN KANDOI	Visit Date	: 17/03/2023
Department	: SELF		
Sample Col At:	Acc. At:	Rep.Time: 11:18 PM	17/03/2023

COMPLETE BLOOD COUNT

TEST	RESULT	UNIT	NORMAL RAG
HEMOGLOBIN	12.5	gm/dl	10 - 16
WBC	7100	$\times 10^3/\text{ul}$	4000 - 11000
POLYMORPH	60	%	40-75 %
LYMPHOCYTE	38	%	20-45 %
EOSINOPHIL	02	%	1-5 %
MONOCYTE	00	%	0-6 %
BASOPHIL	00	%	0-2 %
HCT	43.1	%	34-53 %
TRBC	5.66	Million/C	$3-5.6 \times 10^6/\text{ul}$
PLATELETS	2.76	LACKS/Cu	1.5-4.5
MCV	76.1	Femto	76-96 Femto Lit.
MCH	22.1	Pico gram	27-32 Pico gram
MCHC	29.0	gm/dl	32-36 gm/dl

End of Report

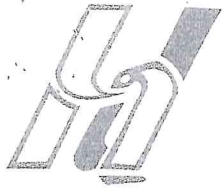


Technologist

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



Kandoi Hospital

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



Name	: ANIL	H.R.No.	: 0
Age/Sex	: 20 Y M	Lab No	: 11
Doctor Name	: DR.RAMAN KANDOI	Visit Date	: 17/03/2023
Department	: SELF		
Sample Col At:	Acc. At:	Rep.Time:	

DEPARTMENT OF HAEMATOLOGY

TEST	RESULT	UNIT	NORMAL RAG
ESR	13	mm/hr	0-20
End of Report			

Technologist

Radiologist



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

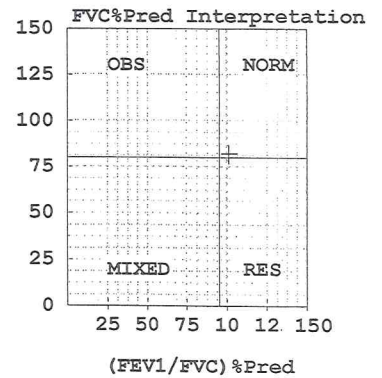
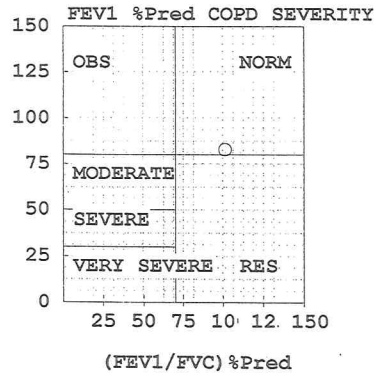
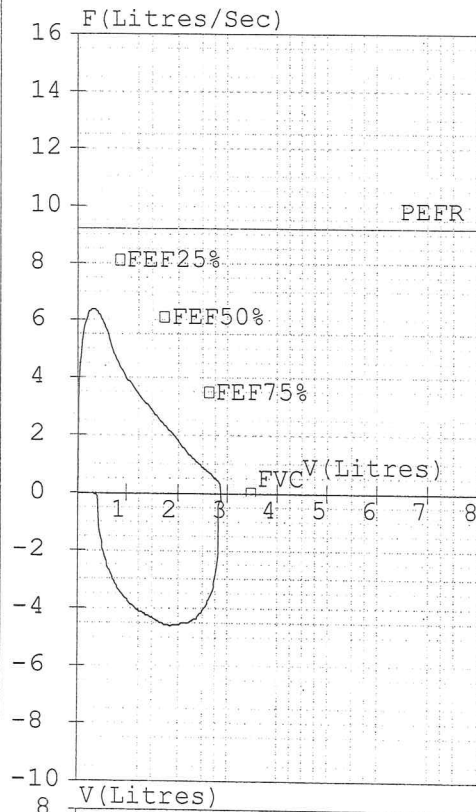
Not : The Above Result Are Subject to Variation Due To Technical Limitation Hence Correlation With Clinical Finding And Other Investigation Should be Done

KANDOI HOSPITAL

BHANKROTA JAIPUR

Patient: ANIL
Refd. By:
Pred.Eqns: RECORDERS
Date : 17-Mar-2023 04:03 PM

Age : 20 Years Gender : Male
Height : 165 Cms Smoker : No
Weight : 56 Kgs Eth. Corr: 100
ID: 330 Temp :



Spirometry (FVC Results)

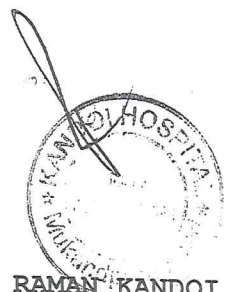
Parameter	Pred	M.Pre	%Pred	M.Post	%Pred	%Imp
FVC (L)	03.48	02.87	082	----	---	---
FEV1 (L)	03.05	02.54	083	----	---	---
FEV1/FVC (%)	87.64	88.50	101	----	---	---
FEF25-75 (L/s)	04.74	02.70	057	----	---	---
PEFR (L/s)	09.20	06.34	069	----	---	---
FIVC (L)	-----	02.54	---	----	---	---
FEV.5 (L)	-----	01.90	---	----	---	---
FEV3 (L)	03.38	02.87	085	----	---	---
PIFR (L/s)	-----	04.56	---	----	---	---
FEF75-85 (L/s)	-----	01.16	---	----	---	---
FEF.2-1.2 (L/s)	08.00	04.82	060	----	---	---
FEF 25% (L/s)	08.10	04.97	061	----	---	---
FEF 50% (L/s)	06.09	02.95	048	----	---	---
FEF 75% (L/s)	03.47	01.45	042	----	---	---
FEV.5/FVC (%)	-----	66.20	---	----	---	---
FEV3/FVC (%)	97.13	100.00	103	----	---	---
FET (Sec)	-----	01.64	---	----	---	---
ExptTime (Sec)	-----	00.06	---	----	---	---
Lung Age (Yrs)	020	023	115	----	---	---
FEV6 (L)	03.48	-----	---	----	---	---
FIF25% (L/s)	-----	03.84	---	----	---	---
FIF50% (L/s)	-----	04.51	---	----	---	---
FIF75% (L/s)	-----	04.10	---	----	---	---

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

7742 8126 1466

GOVERNMENT OF INDIA
MINISTRY OF LABOUR & EMPLOYMENT
CENTRAL LABOUR INSTITUTE

MUMBAI

MEDICAL EXAMINATION FORM OF THE WORKER

DATE 17/03/23

S.NO.

I. Personal Data :

Name Amil Age/Sex male, 31/12/2003
Industry ARL Infotech Ltd. Nature of work worker
Contact Details Cum. Pdwar, bho.riband, Sleemabad
Kotai (M.P.) 483440

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 Unmarried No of Family Member

IV. Occupational History:

1 Present Occupation / Designation worker
2 Nature work done worker
3 Over time / extra time, if any NO
4 Use of PPE / Wet method, if any yes
5 Years of service in present occupation new
6 History of past Occupational, if any Nil
7 Total years of asbestos related work Nil
8 Para - occupational History of Asbestos exposure, if any Nil

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:

Nil

VII. History of present illness, if any :

VIII. Physical Examination:

A General Examination:

1	Height in Cms.....	1.65	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.....	NO	10	Oedema.....	NO
11	Pulse.....	88	12	BP.....	110/80

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:

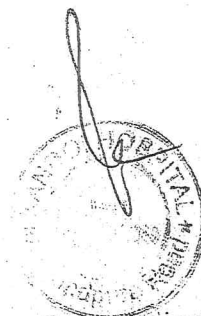
NAD

3. HRCT (if required):

—

X. Clinical Impression:

FIT



(Signature of attending Doctor)

प्रशिक्षण

- सिर सुरक्षित - जीवन सुरक्षित
- हाथ कार्य का माध्यम हैं, इन्हें सुरक्षित रखें
- पाँव मंजिल तक पहुँचते हैं, इसका ख्याल रखें
- स्वच्छ हवा के लिए व्यक्तिगत सुरक्षा उपकरण का उपयोग करें
- आँख अनमोल है , इन्हें सुरक्षित रखें
- शोर बहरेपन का कारण है, इससे बचाव करें
- ऊँचाई पर कार्य करते समय सुरक्षा पेटी का प्रयोग करें
- सुरक्षा उपकरणों का उपयोग कीजिये । स्वयं को दुर्घटना से बचाइये
- एस्बेस्टस फाइबर क्या हैं ?
- यह रोग का कारण क्यों बनता है ?
- सुरक्षा सुनिश्चित करने के लिए सुरक्षा उपाय

हमें फाइबर से संभावित स्वास्थ्य खतरों का कारण, सुरक्षा के उपाय, सुरक्षा उपकरणों का उपयोग, अनुशासन, शिक्षा एवं प्रशिक्षण दिया गया।

नाम : Anil
पिता का नाम : Gudu Adiwari
दिनांक : 17/03/23

हस्ताक्षर : 

11/23

Adhar No. 5264 1963 7758

Mob No. 6565365163

1 [Form No. 30]

(Prescribed Under Rule 100)

SPECIAL CERTIFICATE OF FITNESS

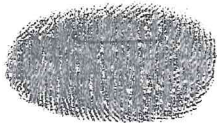


Serial No. _____

Date 16/07/23

I hereby certify that I have personally examined Shiv Shankar Kewat son of Ram Kripal residing at ARL Intertech Ltd. 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 31 years Years, and he is, in my opinion fit for employment in N/A

His descriptive marks are दाँत और दाँतों का निशान



Signature or left hand thumb

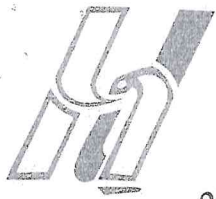
Impression of person employed

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

Aut

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			
<u>19.5.2023.</u>			<u>NIL</u>



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 खुदेटा
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)

Name Shivshankar Kewat OPD NO. 06
Age 31y Sex Male Date 16/3/23

$$B = \frac{130}{100} = 1.3$$

$$P = 80/100$$

$$SPR = 98\%$$

NO H/O Chest Pain - 19

NO H/O Fever

NO H/O Any other

CBC - HAS

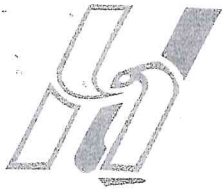
X-Ray Chest HAS



सभी तरह के ऑपरेशन
दरजीन 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 SHIVSHANKAR KEWAT

NO 06

Ref. By Dr RAMAN KANDOI

sex male

Date 16/03/2023

Ag 31 year

SPUTUM FOR AFB

MICROBIOLOGY TEST REPORT

TEST :AFB STAIN

SPECIMEN : SPUTUM

RESULT : No acid fast bacilli seen.

****End of report****

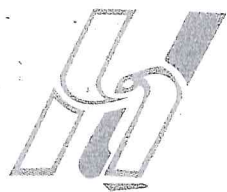
Technologist

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 SHIVSHANKAR KEWAT

NO 06

Ref. By Dr RAMAN KANDOI

sex male

Date 16/03/2023

Ag 31 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.

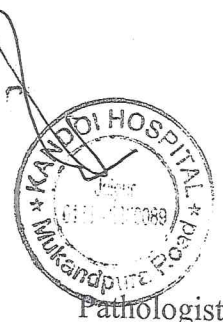
No sign of Asbestosis

OPINION : - NAD IN HEART AND LUNGS

Please correlate clinically

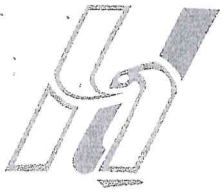
Technologist

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 SHIVSHANKAR KEWAT

NO 06

Ref. By Dr RAMAN KANDOI

sex male

Date 16/03/2023

Ag 31 year

URINE - EXAMINATION

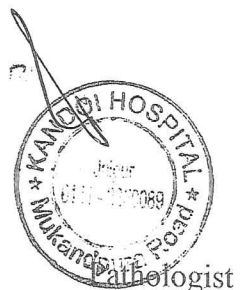
ROUTINE:-

Albumin nil

Sugar nil

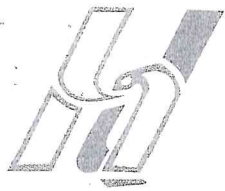
Technologist

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



Kandoi Hospital

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



Name : SHIVSHANKAR KEWAT

H.R.No. : 0

Age/Sex : 31 Y M

Lab No : 06

Doctor Name : DR.RAMAN KANDOI

Visit Date: 16/03/2023

Department : SELF

Sample Col At:

Acc. At:

Rep.Time: 08:03 PM

16/03/2023

COMPLETE BLOOD COUNT

TEST	RESULT	UNIT	NORMAL RAG
HEMOGLOBIN	11.3	gm/dl	10 - 16
WBC	8900	$\times 10^3/\text{ul}$	4000 - 11000
POLYMORPH	63	%	40-75 %
LYMPHOCYTE	35	%	20-45 %
EOSINOPHIL	02	%	1-5 %
MONOCYTE	00	%	0-6 %
BASOPHIL	00	%	0-2 %
HCT	39.0	%	34-53 %
TRBC	4.35	Million/C	$3-5.6 \times 10^6/\text{ul}$
PLATELETS	3.02	LACKS/Cu	1.5-4.5
MCV	89.7	Femto	76-96 Femto Lit.
MCH	26.0	Pico gram	27-32 Pico gram
MCHC	29.0	gm/dl	32-36 gm/dl

End of Report

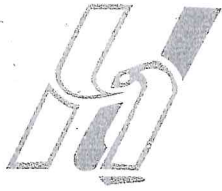
Technologist

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



Kandoi Hospital

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



Name : SHIVSHANKAR KEWAT

H.R.No. : 0

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Lab No : 06

Doctor Name : DR. RAMAN KANDOI

Visit Date: 16/03/2023

Department : SELF

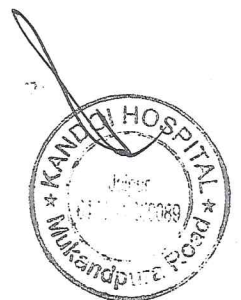
Sample Col At:


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.

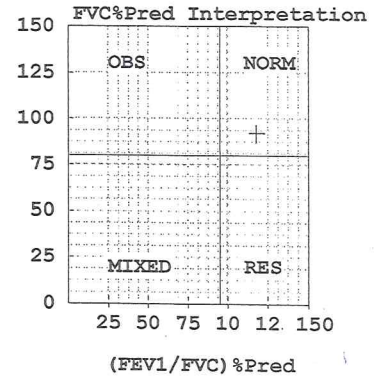
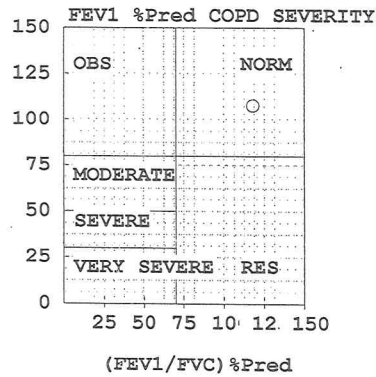
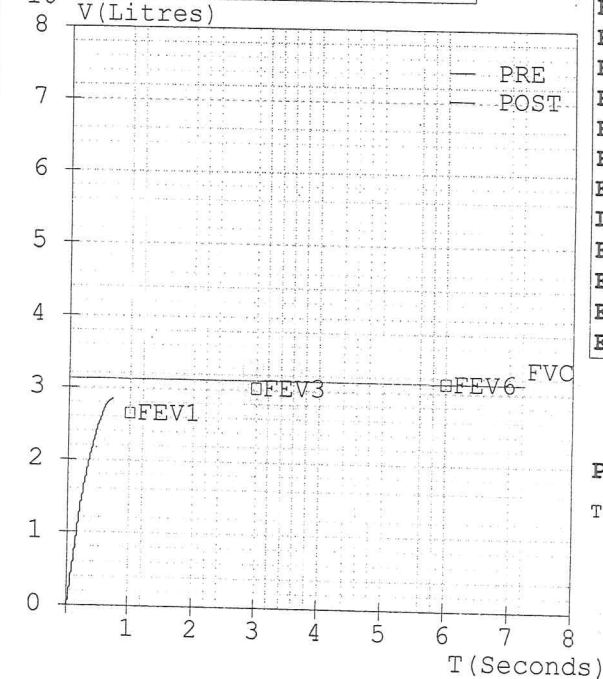
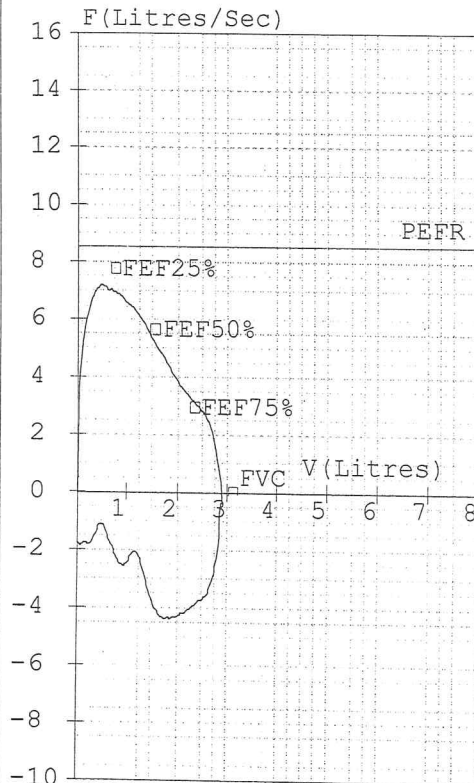
Not : The Above Result Are Subject to Variation Due To Technical Limitation Hence Correlation With Clinical Finding And Other Investigation Should be Done

KANDOI HOSPITAL

BHANKROTA JAIPUR

Patient: SHIVSHANKAR KEWAT
Refd. By:
Pred.Eqns: RECORDERS
Date : 16-Mar-2023 05:59 PM

Age : 31 Years Gender : Male
Height : 161 Cms Smoker : No
Weight : 48 Kgs Eth. Corr: 100
ID: 325 Temp :



Spirometry (FVC Results)

Parameter	Pred	M.Pre %Pred	M.Post %Pred	%Imp
FVC (L)	03.13	02.88	092	---
FEV1 (L)	02.66	02.88	108	---
FEV1/FVC (%)	84.98	100.00	118	---
FEF25-75 (L/s)	04.17	05.08	122	---
PEFR (L/s)	08.53	07.10	083	---
FIVC (L)	---	03.02	---	---
FEV.5 (L)	---	02.52	---	---
FEV3 (L)	03.03	02.88	095	---
PIFR (L/s)	---	04.32	---	---
FEF75-85 (L/s)	---	03.10	---	---
FEF.2-1.2 (L/s)	07.04	06.67	095	---
FEF 25% (L/s)	07.74	06.94	090	---
FEF 50% (L/s)	05.66	05.52	098	---
FEF 75% (L/s)	02.96	03.43	116	---
FEV.5/FVC (%)	---	87.50	---	---
FEV3/FVC (%)	96.81	100.00	103	---
FET (Sec)	---	00.76	---	---
ExptTime (Sec)	---	00.07	---	---
Lung Age (Yrs)	031	029	094	---
FEV6 (L)	03.13	---	---	---
FIF25% (L/s)	---	04.26	---	---
FIF50% (L/s)	---	02.22	---	---
FIF75% (L/s)	---	01.09	---	---

Pre Test COPD Severity

Test within normal limits

Pre Medication Report Indicates

Spirometry within normal limits as (FEV1/FVC)%Pred >95 and FVC%Pred >80.



DR RAMAN KANDOI

6265365163
5264 1963 7750

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

MEDICAL EXAMINATION FORM OF THE WORKER

S.NO.

DATE...16/3/23

I. Personal Data :

Name Shiv Shankar Kumbhar Age/Sex 31 years
Industry ARL Intels Ltd Nature of work worker
Contact Details Dadnam, Katni, Chafana, M.P.
483501

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 04

IV. Occupational History:

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

V. Personal History:

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

VI. History of past illness, if any:

NA

VII. History of present illness, if any :

NA

VIII. Physical Examination:

A General Examination:

1	Height in Cms.	161	2	Weight in Kgs.	48
3	Nutrition	Average	4	Lymph nodes	50
5	Pallor	50	6	Anemia	50
7	Cyanosis	50	8	Clubbing	50
9	Skin	50	10	Oedema	50
11	Pulse	80	12	BP	130/90

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):

1

X. Clinical Impression:

PIT



(Signature of attending Doctor)

प्रशिक्षण

- सिर सुरक्षित – जीवन सुरक्षित
- हाथ कार्य का माध्यम हैं, इन्हें सुरक्षित रखें
- पाँव मंजिल तक पहुँचते हैं, इसका ख्याल रखें
- स्वच्छ हवा के लिए व्यक्तिगत सुरक्षा उपकरण का उपयोग करें
- आँख अनमोल है , इन्हें सुरक्षित रखें
- शोर बहरेपन का कारण है, इससे बचाव करें
- ऊँचाई पर कार्य करते समय सुरक्षा पेटी का प्रयोग करें
- सुरक्षा उपकरणों का उपयोग कीजिये । स्वयं को दुर्घटना से बचाइये
- एस्बेस्टस फाइबर क्या हैं ?
- यह रोग का कारण क्यों बनता है ?
- सुरक्षा सुनिश्चित करने के लिए सुरक्षा उपाय

हमें फाइबर से संभावित स्वास्थ्य खतरों का कारण, सुरक्षा के उपाय, सुरक्षा उपकरणों का उपयोग, अनुशासन, शिक्षा एवं प्रशिक्षण दिया गया ।

नाम

: Shiv Shankar Kewat

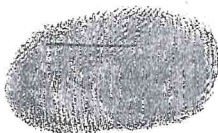
पिता का नाम

: Ram Kripal

दिनांक

: 16/03/23

हस्ताक्षर



Dangerous operations under section 87)

Name of certifying Surgeon

(c) Mr. From 2023 to 2024

HEALTH REGISTER

In respect of person employed in occupation declared to be

Name of certifying Surgeon

(a) Mr. From to (b) Mr. From to

Serial No.	Deptt./Works	Name of worker कार्यकर्ता का नाम	Age at last birthday आखिरी जन्म दिवस पर	Date of employment In present work रियुक्ति की तिथि	Date of employment transfer with reasons for discharge or transfer कार्य छोड़ने या स्थानान्तरण की तिथि (किस कारण से स्थानान्तरण या अलग किया गया)	Nature of job or occupation कार्य की प्रकृति	Raw Material or by Products handled उत्पादन या काम में लाया गया
1	2	3	4	5	6	7	8
1.		BAL RAM YADAV	31				
2		AKASH KUMAR CHODHARY	19				
3		SHIVA	19				
4		MUKESH BHUMIYA	23				
5		ARJUN SINGH	38				
6		GANESH CHODHARI	18				
7		HARI SINGH	33				
8		PAPPU CHOUHARY	28				
9		ZONE LAI	22				
10		BHIM SEN YADAV	26				
11		SHAN SHANKAR KEMAT	31				
12		SANY	18				
13		ANIL	20				

Dates of weekly Examination with result (H/Unit)						Note of Symptoms लक्षण	Signature of Regis- tered Medical Practitioner डाक्टर के हस्ताक्षर
Sputum for Asbestos Test	Pulmonary Function Report	Physical Examination Certificate	X-Ray Chest PA View	Urine Examination	C.B.C	ESR	
NAAD	NAAD	NAAD	NAAD	NAAD	NAAD	2164 4957 2001	KAD HMR NG
NAAD	NAAD	NAAD	NAAD	NAAD	NAAD	8544 1029 5195	
NAAD	NAAD	NAAD	NAAD	NAAD	NAAD	7983 8143 4490	
NAAD	NAAD	NAAD	NAAD	NAAD	NAAD	8377 3766 8436	
NAAD	NAAD	NAAD	NAAD	NAAD	NAAD	5296 3425 7780	
NAAD	NAAD	NAAD	NAAD	NAAD	NAAD	8640 6327 2767	
NAAD	NAAD	NAAD	NAAD	NAAD	NAAD	3477 9203 4279	
NAAD	NAAD	NAAD	NAAD	NAAD	NAAD	3600 1205 7337	
NAAD	NAAD	NAAD	NAAD	NAAD	NAAD	2706 5229 8229	
NAAD	NAAD	NAAD	NAAD	NAAD	NAAD	3918 8122 9466	
NAAD	NAAD	NAAD	NAAD	NAAD	NAAD	5264 1963 10638	
NAAD	NAAD	NAAD	NAAD	NAAD	NAAD	3759 9947 6125	
NAAD	NAAD	NAAD	NAAD	NAAD	NAAD	7742 8126 1466	

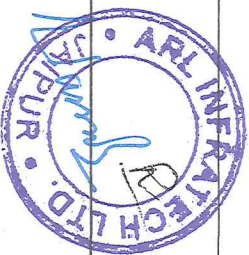
Note : 1. Column 6 Detailed Summary of reason for discharge should be stated
Column 9 should be express as H/Unit/Suspended

ARL INFRA TECH LTD.

Air Pollution Data from Fibre Mill Stack Point Source

Pipe Plant, Bindayka, Jaipur ; Rajasthan

S.No.	Date	Stack Point	Cross- Sectional area of the Stack M ²	Stack Temp. °K	Velocity M/Sec	Flow in Ltrs	Total Discharge Nm ³ /Hrs	Particulate emission from Stack			Remarks
								SPM mg/Nm ³	Kg/hrs	Kg/day	
1	14.09.2023	Automatic Debagging Area	0.0177	33+273 =306	8.08	833.93	514.7	1.20	0.00062	0.015	
2	29.09.2023	Edge Cutting & Finishing Area	0.0177	33+273 =306	7.77	836.88	494.82	1.06	0.00053	0.013	

Note :- Limit of SPM 2.00 mg/Nm³

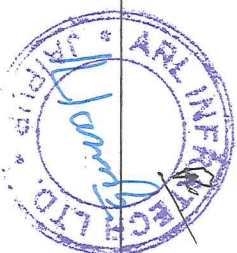
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Pipe Plant, Bindayka, Jaipur ; Rajasthan

S.No.	Date	Stack Point	Cross-Sectional area of the Stack M ²	Stack Temp. °K	Velocity M/Sec	Flow in Ltrs	Total Discharge Nm ³ /Hrs	Particulate emission from Stack			Remarks
								SPM mg/Nm ³	Kg/hrs	Kg/day	
1	12.08.2023	Automatic Debagging Area	0.0177	32+273 =305	8.04	837.43	512.28	1.07	0.00055	0.013	
2	28.08.2023	Edge Cutting & Finishing Area	0.0177	31+273 =304	8.10	826.59	516.28	1.21	0.00063	0.015	

Note :- Limit of SPM 2.00 mg/Nm³



ARL INFRA TECH LTD.

Air Pollution Data from Fibre Mill Stack Point Source

Pipe Plant, Bindayka, Jaipur ; Rajasthan

S.No.	Date	Stack Point	Cross- Sectional area of the Stack M ²	Stack Temp. °K	Velocity M/Sec	Flow in Ltrs	Total Discharge Nm ³ /Hrs	Particulate emission from Stack			Remarks
								SPM mg/Nm ³	Kg/hrs	Kg/day	
1	14.07.2023	Automatic Debaggng Area	0.0177	33+273 =306	7.77	836.88	494.82	1.06	0.00053	0.013	
2	29.07.2023	Edge Cutting & Finishing Area	0.0177	32+273 =305	8.07	831.05	513.97	1.08	0.00056	0.013	

Note :- Limit of SPM 2.00 mg/Nm³



[Signature]

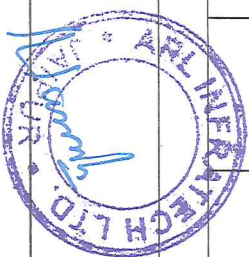
ARL INFRA TECH LTD.

Air Pollution Data from Fibre Mill Stack Point Source

Pipe Plant, Bindayka, Jaipur ; Rajasthan

S.No.	Date	Stack Point	Cross- Sectional area of the Stack M ²	Stack Temp. °K	Velocity M/Sec	Flow in Ltrs	Total Discharge Nm ³ /Hrs	Particulate emission from Stack			Remarks
								SPM mg/Nm ³	Kg/hrs	Kg/day	
1	14.06.2023	Automatic Debugging Area	0.0177	33+273 =306	7.51	831.18	478.43	1.15	0.00055	0.013	Q
2	29.06.2023	Edge Cutting & Finishing Area	0.0177	32+273 =305	7.26	830.3	462.53	1.08	0.00050	0.012	Q

Note :- Limit of SPM 2.00 mg/Nm³



CR

ARL INFRA TECH LTD.

Air Pollution Data from Fibre Mill Stack Point Source

Pipe Plant, Bindayka, Jaipur ; Rajasthan

S.No.	Date	Stack Point	Cross- Sectional area of the Stack M ²	Stack Temp. °K	Velocity M/Sec	Flow in Ltrs	Total Discharge Nm ³ /Hrs	Particulate emission from Stack			Remarks
								SPM mg/Nm ³	Kg/hrs	Kg/day	
1	13.05.2023	Automatic Debagging Area	0.0177	29+273 =302	8.1	826.59	516.28	1.21	0.00063	0.015	Q
2	29.05.2023	Edge Cutting & Finishing Area	0.0177	31+273 =304	8.08	829.19	514.82	1.09	0.00056	0.013	Q

Note :- Limit of SPM 2.00 mg/Nm³



Signature

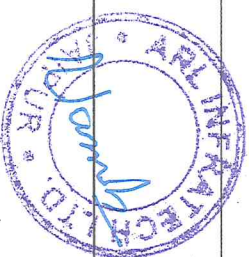
ARL INFRA TECH LTD.

Air Pollution Data from Fibre Mill Stack Point Source

Pipe Plant, Bindayka, Jaipur ; Rajasthan

S.No.	Date	Stack Point	Cross- Sectional area of the Stack M ²	Stack Temp. °K	Velocity M/Sec	Flow in Ltrs	Total Discharge Nm ³ /Hrs	Particulate emission from			Remarks
								SPM mg/Nm ³	Stack Kg/hrs	Kg/day	
1	14.04.2023	Automatic Debagging Area	0.0177	28+273 =301	8.08	833.93	514.7	1.20	0.00062	0.015	Q
2	26.04.2023	Edge Cutting & Finishing Area	0.0177	29+273 =302	7.69	840.53	489.96	1.06	0.00052	0.012	Q

Note :- Limit of SPM 2.00 mg/Nm³



Signature

ARL INFRA TECH LTD.

Ambient Air Quality Data

Pipe Plant, Bindayka , Jaipur ; Rajasthan

Date	Location	Direction	Sampling Period	Pollution Concentrations $\mu\text{g}/\text{m}^3$				Remarks
				PM - 2.5 $\mu\text{g}/\text{m}^3$	PM -10 $\mu\text{g}/\text{m}^3$	So ₂ $\mu\text{g}/\text{m}^3$	NoX $\mu\text{g}/\text{m}^3$	
08.09.2023 09.09.2023	Near Security Room	S.W. S.W.	08-20 - 20-08 08-20 - 20-08	27.54 27.12	54.12 53.42	05.01 04.89	11.54 10.94	Q
14.09.2023 15.09.2023	Near D.G. Room	N.W. N.W.	08-20 - 20-08 08-20 - 20-08	28.48 27.81	53.27 52.68	05.81 05.34	12.33 12.19	Q
21.09.2023 22.09.2023	Near Main Gate No. 1	S.W. S.W.	08-20 - 20-08 08-20 - 20-08	29.15 28.94	54.57 54.05	05.92 05.19	13.25 14.05	Q
28.09.2023 29.09.2023	Near Main Gate No. 2	N.W. N.W.	08-20 - 20-08 08-20 - 20-08	29.41 29.05	53.21 53.19	05.67 05.05	15.88 15.54	Q
Ambient Air Quality Stand. Industrial & mixed Zone				60 $\mu\text{g}/\text{m}^3$	100 $\mu\text{g}/\text{m}^3$	80 $\mu\text{g}/\text{m}^3$	80 $\mu\text{g}/\text{m}^3$	R

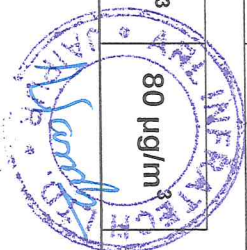


ARL INFRA TECH LTD.

Ambient Air Quality Data

Pipe Plant, Bindayka , Jaipur ; Rajasthan

Date	Location	Direction	Sampling Period	Pollution Concentrations $\mu\text{g}/\text{m}^3$				Remarks
				PM - 2.5 $\mu\text{g}/\text{m}^3$	PM -10 $\mu\text{g}/\text{m}^3$	SO ₂ $\mu\text{g}/\text{m}^3$	NO _x $\mu\text{g}/\text{m}^3$	
07.08.2023 08.08.2023	Near Security Room	S.W. S.W.	08-20 - 20-08 08-20 - 20-08	26.41 26.05	53.21 53.19	05.98 05.05	10.88 10.54	G
11.08.2023 12.08.2023	Near D.G. Room	N.W. N.W.	08-20 - 20-08 08-20 - 20-08	27.15 26.94	54.57 54.05	05.92 05.19	11.25 10.05	Q
23.08.2023 22.08.2023	Near Main Gate No. 1	S.W. S.W.	08-20 - 20-08 08-20 - 20-08	26.48 25.52	54.64 53.58	05.64 05.09	11.30 10.35	Q
29.08.2023 30.08.2023	Near Main Gate No. 2	N.W. N.W.	08-20 - 20-08 08-20 - 20-08	26.87 25.33	54.19 53.76	05.23 04.61	11.34 10.85	Q
Ambient Air Quality Stand. Industrial & mixed Zone				60 $\mu\text{g}/\text{m}^3$	100 $\mu\text{g}/\text{m}^3$	80 $\mu\text{g}/\text{m}^3$	80 $\mu\text{g}/\text{m}^3$	Re



ARL INFRA TECH LTD.

Ambient Air Quality Data

Pipe Plant, Bindayka , Jaipur ; Rajasthan

Date	Location	Direction	Sampling Period	Pollution Concentrations $\mu\text{g}/\text{m}^3$				Remarks
				PM - 2.5 $\mu\text{g}/\text{m}^3$	PM -10 $\mu\text{g}/\text{m}^3$	So ₂ $\mu\text{g}/\text{m}^3$	NoX $\mu\text{g}/\text{m}^3$	
07.07.2023 08.07.2023	Near Security Room	S.W. S.W.	08-20 - 20-08 08-20 - 20-08	30.54 30.02	59.12 58.42	07.01 07.89	09.54 09.94	Q
14.07.2023 15.07.2023	Near D.G. Room	N.W. N.W.	08-20 - 20-08 08-20 - 20-08	29.27 28.94	58.16 57.66	06.15 06.98	08.53 08.89	Q
21.07.2023 22.07.2023	Near Main Gate No. 1	S.W. S.W.	08-20 - 20-08 08-20 - 20-08	28.23 27.06	56.95 55.28	06.95 05.05	08.94 07.55	Q
28.07.2023 29.07.2023	Near Main Gate No. 2	N.W. N.W.	08-20 - 20-08 08-20 - 20-08	27.54 27.12	55.12 54.42	05.01 04.89	08.54 07.94	Q
Ambient Air Quality Stand. Industrial & mixed Zone				60 $\mu\text{g}/\text{m}^3$	100 $\mu\text{g}/\text{m}^3$	80 $\mu\text{g}/\text{m}^3$	80 $\mu\text{g}/\text{m}^3$	

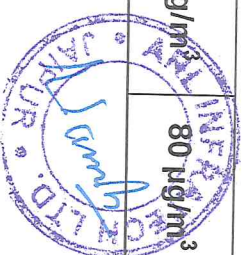


Signature

ARL INFRA TECH LTD.

Ambient Air Quality Data Pipe Plant, Bindayka , Jaipur ; Rajasthan

Date	Location	Direction	Sampling Period	Pollution Concentrations $\mu\text{g}/\text{m}^3$				Remarks
				PM - 2.5 $\mu\text{g}/\text{m}^3$	PM - 10 $\mu\text{g}/\text{m}^3$	SO ₂ $\mu\text{g}/\text{m}^3$	NO _x $\mu\text{g}/\text{m}^3$	
02.06.2023 03.06.2023	Near Security Room	S.W. S.W.	08-20 - 20-08 08-20 - 20-08	30.21 30.86	69.67 69.16	10.87 10.33	11.84 11.24	5
09.06.2023 10.06.2023	Near D.G. Room	N.W. N.W.	08-20 - 20-08 08-20 - 20-08	31.48 31.81	68.27 67.68	09.81 09.34	10.33 10.19	2
16.06.2023 17.06.2023	Near Main Gate No. 1	S.W. S.W.	08-20 - 20-08 08-20 - 20-08	32.92 32.21	63.42 62.15	08.93 08.46	09.27 09.94	2
26.06.2023 27.06.2023	Near Main Gate No. 2	N.W. N.W.	08-20 - 20-08 08-20 - 20-08	32.45 32.91	60.18 59.25	08.95 08.24	09.26 09.28	2
Ambient Air Quality Stand. Industrial & mixed Zone				60 $\mu\text{g}/\text{m}^3$	100 $\mu\text{g}/\text{m}^3$	80 $\mu\text{g}/\text{m}^3$	80 $\mu\text{g}/\text{m}^3$	



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ARL INFRA TECH LTD.

Ambient Air Quality Data

Pipe Plant, Bindayka , Jaipur ; Rajasthan

Date	Location	Direction	Sampling Period	Pollution Concentrations $\mu\text{g}/\text{m}^3$				Remarks
				PM - 2.5 $\mu\text{g}/\text{m}^3$	PM - 10 $\mu\text{g}/\text{m}^3$	So ₂ $\mu\text{g}/\text{m}^3$	NoX $\mu\text{g}/\text{m}^3$	
05.05.2023 06.05.2023	Near Security Room	S.W. S.W.	08-20 - 20-08 08-20 - 20-08	35.27 35.81	68.49 68.06	14.97 14.57	17.89 17.38	Q
12.05.2023 13.05.2023	Near D.G. Room	N.W. N.W.	08-20 - 20-08 08-20 - 20-08	34.48 35.81	69.27 70.68	12.81 12.34	14.33 14.19	Q
19.05.2023 20.05.2023	Near Main Gate No. 1	S.W. S.W.	08-20 - 20-08 08-20 - 20-08	30.66 30.18	70.30 71.61	11.95 11.22	12.62 12.21	Q
26.05.2023 27.05.2023	Near Main Gate No. 2	N.W. N.W.	08-20 - 20-08 08-20 - 20-08	28.13 28.65	72.59 71.98	10.01 10.54	11.26 11.83	Q
Ambient Air Quality Stand. Industrial & mixed Zone				60 $\mu\text{g}/\text{m}^3$	100 $\mu\text{g}/\text{m}^3$	80 $\mu\text{g}/\text{m}^3$	80 $\mu\text{g}/\text{m}^3$	



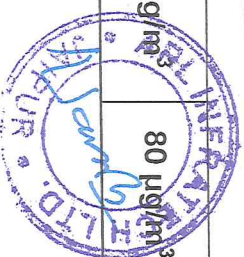
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ARL INFRA TECH LTD.

Ambient Air Quality Data

Pipe Plant, Bindayka, Jaipur ; Rajasthan

Date	Location	Direction	Sampling Period	Pollution Concentrations $\mu\text{g}/\text{m}^3$				Remarks
				PM - 2.5 $\mu\text{g}/\text{m}^3$	PM - 10 $\mu\text{g}/\text{m}^3$	So ₂ $\mu\text{g}/\text{m}^3$	NoX $\mu\text{g}/\text{m}^3$	
06.04.2023 07.04.2023	Near Raw Material Section	S.W. S.W.	08-20 - 20-08 08-20 - 20-08	46.25 45.87	76.01 75.65	13.09 13.95	26.64 26.59	Q
13.04.2023 14.04.2023	Near Main Gate Section	N.W. N.W.	08-20 - 20-08 08-20 - 20-08	43.45 43.02	73.84 72.22	13.73 13.69	24.61 24.48	Q
19.04.2023 20.04.2023	Near Coupling Area	S.W. S.W.	08-20 - 20-08 08-20 - 20-08	40.87 40.25	71.54 70.13	14.35 14.04	22.15 22.01	Q
26.04.2023 27.04.2023	Near Finishing Area	N.W. N.W.	08-20 - 20-08 08-20 - 20-08	39.13 38.65	70.59 69.98	14.39 15.12	20.26 20.83	Q
Ambient Air Quality Stand. Industrial & mixed Zone				60 $\mu\text{g}/\text{m}^3$	100 $\mu\text{g}/\text{m}^3$	80 $\mu\text{g}/\text{m}^3$	80 $\mu\text{g}/\text{m}^3$	



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ARL INFRATECH LTD.

Noise Level Monitoring Pipe Plant Bindaika dB (A)

Pipe Plant, Bindaika, Jaipur ; Rajasthan

Date	Area	Time	Noise Level dB (A)			Avg. Level dB (A)
08.09.2023	Finishing Area	9.35	66	68	67	67
	Fibre Godown	9.40	52	53	51	52
	Machine Area	9.45	55	56	57	56
	Vacuum Pump	9.50	64	65	66	65
	D.G. Set Area	9.55	53	54	52	53
	Fibre Mixing Area	10.00	63	64	65	64
	Collendring Area	10.05	63	65	64	64
14.09.2023	Tanking Area	22.35	47	48	49	48
	Main Gate	22.40	50	51	52	51
	Collendring Area	22.45	56	55	56	56
	Finishing Area	22.50	54	55	56	55
	Fibre Godown	22.55	50	51	52	51
	Machine Area	23.00	60	61	62	61
	Vacuum Pump	23.05	59	60	61	60
21.09.2023	Finishing Area	10.15	63	65	66	65
	Loading Area	10.20	55	56	57	56
	Automatic Debagging system	10.25	62	62	64	63
	Cloth Washing Area	10.30	55	56	57	56
	Fibre Milling Area	10.35	62	63	64	63
	Vacuum Pump	10.40	59	60	61	60
	Fibre Mixing Area	10.45	61	62	63	62
29.09.2023	Fibre Milling Area	11.35	62	63	64	63
	Fibre Mixing Area	11.40	59	60	61	60
	D.G. Set Area	11.45	53	55	54	54
	Vacuum Pump	11.50	59	60	61	60
	Collendring Area	11.55	64	65	66	65
	Cloth Washing Area	12.00	59	60	61	60
	Detankink Area	12.05	60	61	60	61

Note:- Noise Level Industrial + Mixed Zone Limit 75 dB A (Max.) Day & 70 dB A (Max.) Night

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Noise Level Monitoring Pipe Plant Bindayka dB (A)

Pipe Plant, Bindayka , Jaipur ; Rajasthan

Date	Area	Time	Noise Level dB (A)			Avg. Level dB (A)
05.08.2023	Finishing Area	10.15	64	65	66	65
	Fibre Godown	10.20	53	54	53	53
	Machine Area	10.25	67	66	66	66
	Vacuum Pump	10.30	58	58	57	58
	D.G. Set Area	10.35	64	62	64	63
	Fibre Mixing Area	10.40	60	61	63	61
	Collendring Area	10.45	62	62	64	63
12.08.2023	Tanking Area	23.05	48	49	50	49
	Main Gate	23.10	49	50	51	50
	Collendring Area	23.15	55	56	58	56
	Finishing Area	23.20	55	56	57	56
	Fibre Godown	23.25	49	50	51	50
	Machine Area	23.30	59	60	61	60
	Vacuum Pump	23.35	60	61	62	61
19.08.2023	Finishing Area	10.45	65	66	67	66
	Loading Area	10.50	56	57	58	57
	Automatic Debagging system	10.55	64	65	66	65
	Cloth Washing Area	11.00	58	59	56	58
	Fibre Milling Area	11.05	64	65	63	64
	Vacuum Pump	11.10	59	61	62	61
	Fibre Mixing Area	11.15	60	63	61	61
26.08.2023	Fibre Milling Area	10.15	64	65	66	65
	Fibre Mixing Area	10.20	61	62	60	62
	D.G. Set Area	10.25	54	56	55	55
	Vacuum Pump	10.30	61	59	58	60
	Collendring Area	10.35	66	64	63	65
	Cloth Washing Area	10.40	61	62	63	62
	Detankink Area	10.45	60	59	62	60

Note:- Noise Level Industrial + Mixed Zone Limit 75 dB A (Max.) Day & 70 dB A (Max.) Night



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ARL INFRATECH LTD.

Noise Level Monitoring Pipe Plant Bindayka dB (A)

Pipe Plant, Bindayka , Jaipur ; Rajasthan

Date	Area	Time	Noise Level dB (A)			Avg. Level dB (A)
07.07.2023	Finishing Area	10.25	66	67	68	67
	Fibre Godown	10.30	55	56	57	56
	Machine Area	10.35	66	67	68	67
	Vacuum Pump	10.40	66	67	66	66
	D.G. Set Area	10.45	62	63	63	63
	Fibre Mixing Area	10.50	64	65	66	65
	Collendring Area	10.55	66	67	68	67
14.07.2023	Tanking Area	22.25	49	50	51	50
	Main Gate	22.30	50	50	51	50
	Collendring Area	22.35	56	57	58	57
	Finishing Area	22.40	57	58	59	58
	Fibre Godown	22.45	48	49	50	49
	Machine Area	22.50	60	62	63	62
	Vacuum Pump	22.55	60	60	61	60
21.07.2023	Finishing Area	10.35	64	65	66	65
	Loading Area	10.40	55	56	57	56
	Automatic Debagging system	10.45	63	62	64	63
	Cloth Washing Area	10.50	57	56	57	57
	Fibre Milling Area	10.55	64	63	64	64
	Vacuum Pump	11.00	58	60	61	60
	Fibre Mixing Area	11.05	59	62	63	61
28.07.2023	Fibre Milling Area	9.45	63	64	65	64
	Fibre Mixing Area	9.50	60	61	62	61
	D.G. Set Area	9.55	55	54	56	55
	Vacuum Pump	10.00	60	61	59	61
	Collendring Area	10.05	65	66	64	66
	Cloth Washing Area	10.10	60	61	62	61
	Detankink Area	10.15	61	60	59	61

Note:- Noise Level Industrial + Mixed Zone Limit 75 dB A (Max.) Day & 70 dB A (Max.) Night



ARL INFRATECH LTD.

Noise Level Monitoring Pipe Plant Bindayka dB (A)

Pipe Plant, Bindayka , Jaipur ; Rajasthan

Date	Area	Time	Noise Level dB (A)			Avg. Level dB (A)
02.06.2023	Finishing Area	9.35	66	68	67	67
	Fibre Godown	9.40	52	53	51	52
	Machine Area	9.45	55	56	57	56
	Vacuum Pump	9.50	64	65	66	65
	D.G. Set Area	9.55	53	54	52	53
	Fibre Mixing Area	10.00	63	64	66	64
	Collendring Area	10.05	63	65	64	64
09.06.2023	Tanking Area	22.25	47	48	49	48
	Main Gate	22.30	50	51	52	51
	Collendring Area	22.35	56	55	56	56
	Finishing Area	22.40	54	55	56	55
	Fibre Godown	22.45	50	51	52	51
	Machine Area	22.50	60	61	62	61
	Vacuum Pump	22.55	59	60	61	60
16.06.2023	Finishing Area	11.05	65	66	67	66
	Loading Area	11.10	56	57	58	57
	Automatic Debagging system	11.15	64	65	66	65
	Cloth Washing Area	11.20	58	59	56	58
	Fibre Milling Area	11.25	64	65	63	64
	Vacuum Pump	11.30	59	61	62	61
	Fibre Mixing Area	11.35	60	63	61	61
24.06.2023	Fibre Milling Area	10.10	62	63	64	63
	Fibre Mixing Area	10.15	59	60	61	60
	D.G. Set Area	10.20	53	55	54	54
	Vacuum Pump	10.25	59	60	61	60
	Collendring Area	10.30	64	65	66	65
	Cloth Washing Area	10.35	59	60	61	60
	Detankink Area	10.40	60	61	60	61

Note:- Noise Level Industrial + Mixed Zone Limit 75 dB A (Max.) Day & 70 dB A (Max.) Night

ARL INFRATECH LTD.

Noise Level Monitoring Pipe Plant Bindayka dB (A)

Pipe Plant, Bindayka , Jaipur ; Rajasthan

Date	Area	Time	Noise Level dB (A)			Avg. Level dB (A)
06.05.2023	Finishing Area	10.15	64	65	66	65
	Fibre Godown	10.20	53	54	53	53
	Machine Area	10.25	67	66	66	66
	Vacuum Pump	10.30	58	58	57	58
	D.G. Set Area	10.35	64	62	64	63
	Fibre Mixing Area	10.40	60	61	63	61
	Collendring Area	10.45	62	62	64	63
12.05.2023	Tanking Area	23.25	47	48	49	48
	Main Gate	23.30	50	51	52	51
	Collendring Area	23.35	56	55	56	56
	Finishing Area	23.40	54	55	56	55
	Fibre Godown	23.45	50	51	52	51
	Machine Area	23.50	60	61	62	61
	Vacuum Pump	24.00	59	60	61	60
20.05.2023	Finishing Area	11.05	66	67	68	67
	Loading Area	11.10	57	58	59	58
	Automatic Debagging system	11.15	65	66	67	66
	Cloth Washing Area	11.20	59	56	55	57
	Fibre Milling Area	11.25	65	63	64	64
	Vacuum Pump	11.30	61	62	61	61
	Fibre Mixing Area	11.35	63	61	62	62
27.05.2023	Fibre Milling Area	11.05	66	64	63	65
	Fibre Mixing Area	11.10	60	60	62	60
	D.G. Set Area	11.15	55	54	53	55
	Vacuum Pump	11.20	58	59	60	59
	Collendring Area	11.25	63	66	65	65
	Cloth Washing Area	11.30	63	61	60	62
	Detankink Area	11.35	62	60	61	61

Note:- Noise Level Industrial + Mixed Zone Limit 75 dB A (Max.)Day & 70 dB A (Max.)Night



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ARL INFRATECH LTD.**Noise Level Monitoring Pipe Plant Bindayka dB (A)****Pipe Plant, Bindayka , Jaipur ; Rajasthan**

Date	Area	Time	Noise Level dB (A)			Avg. Level dB (A)
07.04.2023	Finishing Area	9.55	63	64	65	64
	Fibre Godown	10.00	61	62	63	62
	Machine Area	10.05	53	54	55	54
	Vacuum Pump	10.10	57	58	59	58
	D.G. Set Area	10.15	67	68	69	68
	Fibre Mixing Area	10.20	54	53	55	54
	Collendring Area	10.25	64	62	65	64
15.04.2023	Tanking Area	21.25	48	49	50	49
	Main Gate	21.30	49	50	51	50
	Collendring Area	21.35	55	56	58	56
	Finishing Area	21.40	55	56	57	56
	Fibre Godown	21.45	49	50	51	50
	Machine Area	21.50	59	60	61	60
	Vacuum Pump	21.55	60	61	62	61
21.04.2023	Finishing Area	10.25	63	65	66	65
	Loading Area	10.30	55	56	57	56
	Automatic Debagging system	10.35	62	62	64	63
	Cloth Washing Area	10.40	55	56	57	56
	Fibre Milling Area	10.45	62	63	64	63
	Vacuum Pump	10.50	59	60	61	60
	Fibre Mixing Area	10.55	61	62	63	62
28.04.2023	Fibre Milling Area	11.05	64	65	66	65
	Fibre Mixing Area	11.10	61	62	60	61
	D.G. Set Area	11.15	54	56	55	55
	Vacuum Pump	11.20	61	59	58	59
	Collendring Area	11.25	66	64	63	64
	Cloth Washing Area	11.30	61	62	63	62
	Detankink Area	11.35	60	59	62	60

Note:- Noise Level Industrial + Mixed Zone Limit 75 dB A (Max.) Day & 70 dB A (Max.) Night

1 [Form No. 30]

(Prescribed Under Rule 100)

SPECIAL CERTIFICATE OF FITNESS



Serial No. 1

Date 31.12.22

I hereby certify that I have personally examined Mr. Bhawar Lal Belai son
of Mr. Chittar mal residing at Hirnada talpur who is desirous of being
employed as WORKER in the ARL Infotech Ltd. and that his age, as nearly as
can be ascertained from my examination, is 58y Years, and he is, in my opinion
fit for employment in

His descriptive marks are Tail on Chest

Signature or left hand thumb

Impression of person employed

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

I certify that

I extend this

Signature of

I examined the

Certificate until

Certifying

Symptoms

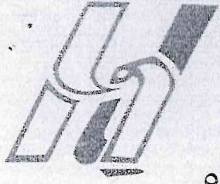
Person mentioned

Surgeon

Above on

19.5.2023

AIL



कन्दोई हॉस्पिटल

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



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

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- * 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 Bhauraj Lal Balai OPD NO. 1

Age 52y Sex Male Date 31/12/22

$BL = \frac{150}{20} \text{ MP}$
 $P = 20/4$
 $SLP = 787$
 107 MF

NO 410 Cases & 20000 19

NO 410 Ay Cplen

NO 410 12000

CBC (US)

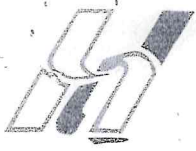
XPS (US) US



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 BHAWAR LAL BALAI

NO 01

Ref. By Dr RAMAN KANDOI

sex (male

Date 31/12/2022

Ag 58 year

SPUTUM FOR AFB

MICROBIOLOGY TEST REPORT

TEST :AFB STAIN

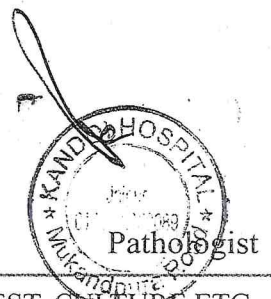
SPECIMEN : SPUTUM

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 BHAWAR LAL BALAI

NO 01

Ref. By Dr RAMAN KANDOI

sex male

Date 31/12/2022

Ag 58 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

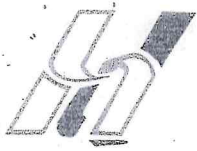
Radio logist



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 BHAWAR LAL BALAI

NO 01

Ref. By Dr RAMAN KANDOI

sex male

Date 31/12/2022

Ag 58 year

URINE - EXAMINATION

ROUTINE:-

Albumin nil

Sugar nil

Technologist

Radio logist



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 : BHAWAR LAL BALAI

H.R.No. : 0

Age/Sex : 58 Y M

Lab No : 1

Doctor Name : DR. RAMAN KANDOI

Visit Date: 31/12/2022

Department : SELF

Sample Col At:

Acc. At:

Rep. Time: 07:18 PM

31/12/2022

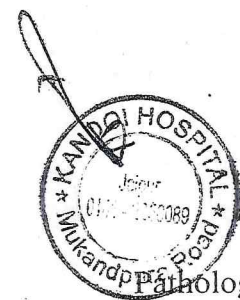
COMPLETE BLOOD COUNT

TEST	RESULT	UNIT	NORMAL RAG
HEMOGLOBIN	12.9	gm/dl	10 - 16
WBC	8400	$\times 10^3/\text{ul}$	4000 - 11000
POLYMORPH	67	%	40-75 %
LYMPHOCYTE	32	%	20-45 %
EOSINOPHIL	01	%	1-5 %
MONOCYTE	00	%	0-6 %
BASOPHIL	00	%	0-2 %
HCT	42.3	%	34-53 %
TRBC	4.93	Million/C	$3-5.6 \times 10^6/\text{ul}$
PLATELETS	2.07	LACKS/Cu	1.5-4.5
MCV	85.8	Femto	76-96 Femto Lit.
MCH	26.2	Pico gram	27-32 Pico gram
MCHC	30.5	gm/dl	32-36 gm/dl

End of Report

Technologist

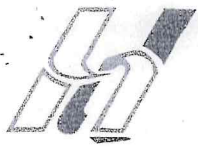
Radio logist



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 : BHAWAR LAL BALAI

H.R.No. : 0

Age/Sex : 58 Y M

Lab No : 01

Doctor Name : DR. RAMAN KANDOI

Visit Date: 31/12/2022

Department : SELF

Sample Col At:

Acc. At:

Rep. Time:

DEPARTMENT OF HAEMATOLOGY

TEST	RESULT	UNIT	NORMAL RAG
ESR	13	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

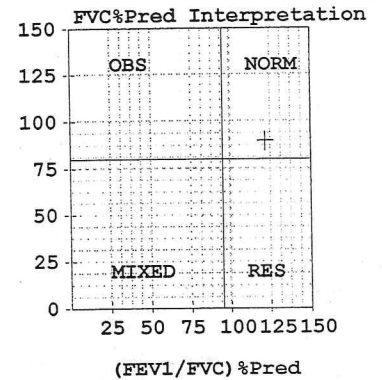
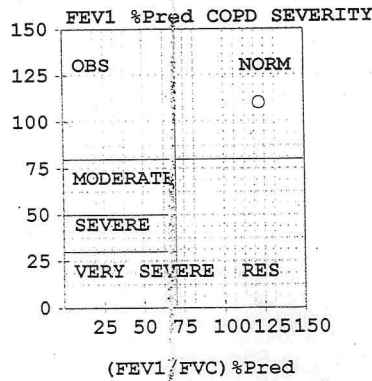
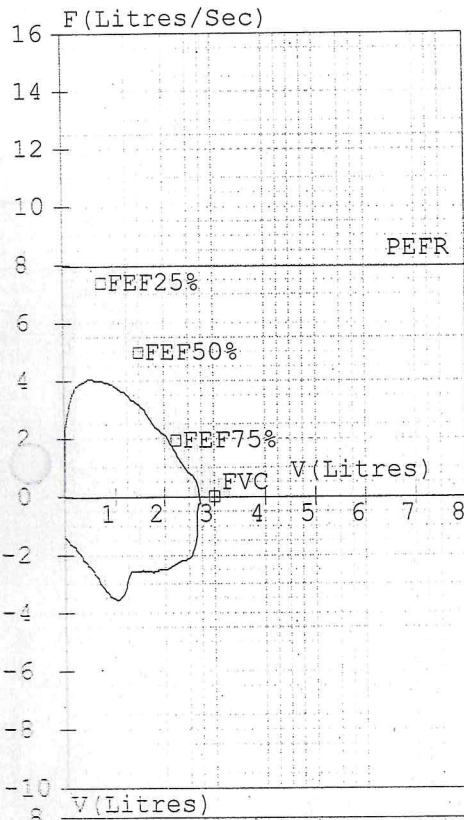
THIS REPORT IS NOT VALID FOR MEDICO-LEGAL PURPOSE

KANDOI HOSPITAL

BHANKROTA JAIPUR

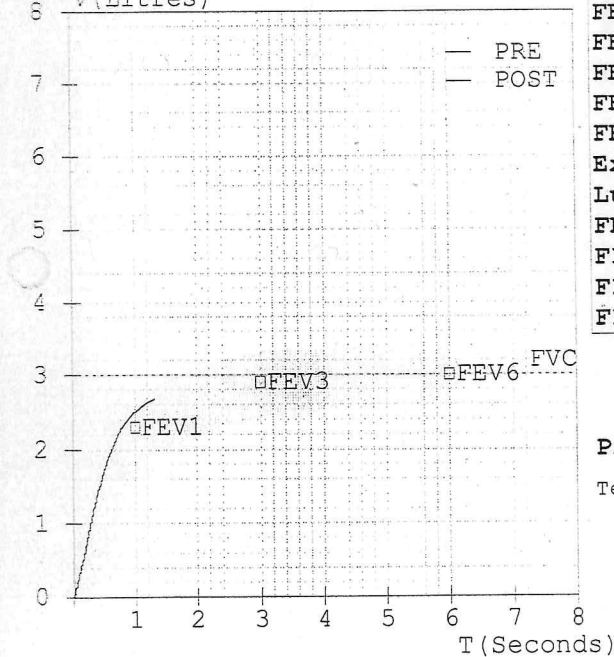
Patient: BHAWAR LAL BALAI
Refd. By:
Pred.Eqns: RECORDERS
Date : 31-Dec-2022 12:02 PM

Age : 58 Years Gender : Male
Height : 166 Cms Smoker : No
Weight : 60 Kgs Eth. Corr: 100
ID: 287 Temp :



Spirometry (FVC Results)

Parameter	Pred	M.Pre %Pred	M.Post %Pred	%Imp
FVC	(L) 03.00	02.70 090	-----	---
FEV1	(L) 02.29	02.52 110	-----	---
FEV1/FVC	(%) 76.33	93.33 122	-----	---
FEF25-75	(L/s) 03.05	03.07 101	-----	---
PEFR	(L/s) 07.94	04.03 051	-----	---
FIVC	(L) -----	03.02 ---	-----	---
FEV.5	(L) -----	01.79 ---	-----	---
FEV3	(L) 02.91	02.70 093	-----	---
PIFR	(L/s) -----	03.52 ---	-----	---
FEF75-85	(L/s) -----	01.64 ---	-----	---
FEF.2-1.2	(L/s) 05.46	03.81 070	-----	---
FEF 25%	(L/s) 07.38	03.99 054	-----	---
FEF 50%	(L/s) 04.98	03.29 066	-----	---
FEF 75%	(L/s) 01.93	02.08 108	-----	---
FEV.5/FVC	(%) -----	66.30 ---	-----	---
FEV3/FVC	(%) 97.00	100.00 103	-----	---
FET	(Sec) -----	01.36 ---	-----	---
ExplTime	(Sec) -----	00.12 ---	-----	---
Lung Age	(Yrs) 058	052 090	-----	---
FEV6	(L) 03.00	-----	-----	---
FIF25%	(L/s) -----	02.51 ---	-----	---
FIF50%	(L/s) -----	03.37 ---	-----	---
FIF75%	(L/s) -----	01.63 ---	-----	---



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. 1

DATE 31/2/22

I. Personal Data :

Name Mr Bhawar Lal Balai Age/Sex 58 male
Industry ARL Infotech Ltd Nature of work Worker
Contact Details 9571413630

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 5

IV. Occupational History:

1 Present Occupation / Designation WORKER
2 Nature work done WORKER
3 Over time / extra time, if any Nil
4 Use of PPE/ Wet method, if any Yes
5 Years of service in present occupation 19 years
6 History of past Occupational, if any
7 Total years of asbestos related work 19
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.....	166	2	Weight in Kgs.....	60
3	Nutrition.....	Good	4	Lymph nodes.....	18
5	Pallor.....	NO	6	Anemia.....	NO
7	Cyanosis.....	NO	8	Clubbing.....	NO
9	Skin.....	(D)	10	Oedema.....	NO
11	Pulse.....	80	12	BP.....	150/90

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: |

b. Restrictive Index: | NAD

2 X-Ray Chest – PA view:

NAD

3. HRCT (if required): —

X. Clinical Impression:

FET



(Signature of attending Doctor)

Project	: A.C. Pressure Pipe Manufacturing Unit
Promoter	: ARL Infratech Limited-Unit Bindayaka

Compliance Report of the conditions laid in the EC for April 2023-Sept 2023
--

ANNEXURE XII

**Photographs of safety signs and safety
arrangement in project premises**



Gaurang Environmental Solutions Pvt. Ltd.	
Report Ref : GESPL_215(B)/2023-24/EC-Compliance/263	Rev No. 01



Photographs showing measures for OHS at site

Project	: A.C. Pressure Pipe Manufacturing Unit
Promoter	: ARL Infratech Limited-Unit Bindayaka

Compliance Report of the conditions laid in the EC for April 2023-Sept 2023
--

ANNEXURE XIII

Copy of Hazardous Waste Annual Return



Gaurang Environmental Solutions Pvt. Ltd.	
Report Ref : GESPL_215(B)/2023-24/EC-Compliance/263	Rev No. 01

FORM 4

[See rules 6(5), 13(8), 16(6) and 20 (2)]

FORM FOR FILING ANNUAL RETURNS

[To be submitted to State Pollution Control Board by 30th day of June of every year for the preceding period April-2022 to March-2023]

1. Name and address of facility: **ARL INFRATECH LIMITED (Unit ID - 5516)**
F-124, Road No. 4,
RIICO Industrial Area, Bindayaka
Jaipur
2. Authorisation No. and Date of issue: **RPCB/HWM/2023-2024/MUID/HSW/2**
File No.: F(HSW)/Jaipur(Jaipur)/23(1)/2009-
2010/149-151 dt. 10.04.2023
3. Name of the authorised person and full address with telephone, fax number and e-mail: **Mr. Pramod Jain (Managing Director)**
ARL Infratech Limited
Akshat House, A-27/13A,
Kanti Chandra Road, Bani Park, Jaipur - 302016
Tel. No. 0141-6604777, Fax No. 0141-6604799
E-mail: arl@arlinfratech.com
4. Production during the year (product wise), wherever applicable **A.C. Pressure Pipes - 14,974 MT**

Part A. To be filled by hazardous waste generators

1. Total quantity of waste generated category wise **A.C. Pressure Pipes**

a) Brought forward from previous year	-	0.640 MT
b) Wet Waste from Plant maintenance etc.	-	1.990 MT
c) Dry Waste from salvaging/testing etc.	-	<u>69.100 MT</u>
Grand Total including carry forward		71.730 MT
2. Quantity dispatched

(i) to disposal facility	NIL
(ii) to recycler or co-processors or pre-processor	NIL
(iii) others	NIL
3. Quantity utilised in-house, if any - **71.440 MT**
4. Quantity in storage at the end of the year - **0.290 MT**

Part B. To be filled by Treatment, storage and disposal facility operators

1. Total quantity received - **N.A.**
2. Quantity in stock at the beginning of the year - **N.A.**
3. Quantity treated - **N.A.**
4. Quantity disposed in landfills as such and after treatment - **N.A.**

- | | |
|--|------|
| 5. Quantity incinerated (if applicable) - | N.A. |
| 6. Quantity processed other than specified above - | N.A. |
| 7. Quantity in storage at the end of the year - | N.A. |

Part C. To be filled by recyclers or co-processors or other users

- | | |
|--|------|
| 1. Quantity of waste received during the year - | N.A. |
| (i) domestic sources | |
| (ii) imported (if applicable) | |
| 2. Quantity in stock at the beginning of the year - | N.A. |
| 3. Quantity recycled or co-processed or used - | N.A. |
| 4. Quantity of products dispatched (wherever applicable) - | N.A. |
| 5. Quantity of waste generated - | N.A. |
| 6. Quantity of waste disposed - | N.A. |
| 7. Quantity re-exported (wherever applicable)- | N.A. |
| 8. Quantity in storage at the end of the year - | N.A. |

For ARL INFRATECH LTD.

[Handwritten Signature]
Signature of the Occupier or
Authorized Signatory
Operator of the disposal facility

Date: 30.06.2023

Place: Jaipur

Project	: A.C. Pressure Pipe Manufacturing Unit
Promoter	: ARL Infratech Limited-Unit Bindayaka

Compliance Report of the conditions laid in the EC for April 2023-Sept 2023
--

ANNEXURE XIV

Copy of Environment statement



Gaurang Environmental Solutions Pvt. Ltd.	
Report Ref : GESPL_215(B)/2023-24/EC-Compliance/263	Rev No. 01



No. 06/545
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 Cement Pipe Manufacturing unit (15,000 TPA) located at F-124, Road No. 4, RIICO Industrial Area, Bindaayaka, Tehsil Jaipur (VKIA), District - Jaipur (Rajasthan.)

Ref.: 1. F(MUDI)/Jaipur(Jaipur(VKIA))/2205(1)/2019-2020/7434-7436
dated 17.03.2023.
2. F(HSW)/Jaipur(Jaipur)/23(1)/2009-2010/149-151 dated
10.04.2023.
3. Environmental Clearance vide letter No. J-11011/359/2005-IAII(1)
date 11.10.2007.

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 Cement Pipe manufacturing unit (15,000 TAP) located at F-124, Road No. 4, RIICO Industrial Area, Bindaayaka, Tehsil, Jaipur (VKIA) 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 Pressure Pipes (15,000 TPA) manufacturing unit, located at F-124, Road No. 4, RIICO Industrial Area – Bindayaka, Tehsil-Jaipur(VKIA), 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 F-124, Road No. 4, RIICO Industrial Area – Bindayaka, Tehsil-Jaipur(VKIA), District-Jaipur (Rajasthan)
b)	Industry category Primary- (STC Code) Secondary- (STC Code).	Red
c)	Production capacity	15000 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	716 Cu.m./Annum	714 Cu.m./Annum
b)	Domestic		
Name of Product		Water consumption per unit of product output in m ³ /day	
a)	Asbestos based cement pipes	2.17	2.16



Project: Asbestos Cement Pressure Pipes (15,000 TPA) manufacturing unit, located at F-124, Road No. 4, RIICO Industrial Area – Bindayaka, Tehsil-Jaipur(VKIA), District-Jaipur (Rajasthan)

Applicant: ARL Infratech Limited

Form V -Environmental Statement

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
Asbestos based cement Pipes	Asbestos Fibre	1098.627	1180.194
	Fly-Ash	4748.793	5691.325
	Cement	7110.900	8611.650
	Others (Pulp / Dry Waste)/ PVA etc.	-	-

*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



Project: Asbestos Cement Pressure Pipes (15,000 TPA) manufacturing unit, located at F-124, Road No. 4, RIICO Industrial Area – Bindayaka, Tehsil-Jaipur(VKIA), District-Jaipur (Rajasthan)

Applicant: ARL Infratech Limited

Form V -Environmental Statement

*There is no effluent generation from manufacturing process. Domestic effluent generated is disposal in Septic Tank and Soakpit.

(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 debagging system			
a.	Asbestos Fibre		0.031 fiber/cc	
2.	Bag Shredder			
a.	Particulate matter		0.83 mg/Nm ³	Within prescribed standards
b.	Asbestos Fibre		0.033 fiber/cc	Within prescribed standards
3.	Pipe Turning Machine - 1			
a.	Particulate matter		0.73 mg/Nm ³	Within prescribed standards
b.	Asbestos Fibre		0.066 fiber/cc	Within prescribed standards
4.	Pipe Turning Machine - 2			
a.	Particulate matter		0.62 mg/Nm ³	Within prescribed standards
b.	Asbestos Fibre		0.074 fiber/cc	Within prescribed standards

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 pipes)	73.370 MT	71.730 MT



Project: Asbestos Cement Pressure Pipes (15,000 TPA) manufacturing unit, located at F-124, Road No. 4, RIICO Industrial Area – Bindayaka, Tehsil-Jaipur(VKIA), 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 pipes)	64.580 MT	71.440 MT

* Entire quantity of asbestos containing residues and dust from pollution control devices is recycled back into the process in a closed loop.

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 pipes) are pulverized and recycled in the closed circuit process.
- **Municipal Solid waste** 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.

PART-G

Impact of the pollution abatement measures taken on conservation of natural resources and on the cost of production.



Project: Asbestos Cement Pressure Pipes (15,000 TPA) manufacturing unit, located at F-124, Road No. 4, RIICO Industrial Area – Bindayaka, Tehsil-Jaipur(VKIA), District-Jaipur (Rajasthan)

Applicant: ARL Infratech Limited

Form V -Environmental Statement

- ARL Infratech Limited is a zero discharge unit and hence processes adopted for pollution abatement has no adverse impact on natural resources.
- 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 Pipe 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 2 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.



Project	: A.C. Pressure Pipe Manufacturing Unit
Promoter	: ARL Infratech Limited-Unit Bindayaka

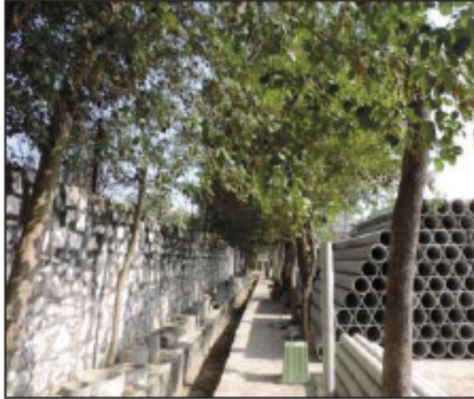
Compliance Report of the conditions laid in the EC for April 2023-Sept 2023
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ANNEXURE XV

Photographs showing Greenbelt



Gaurang Environmental Solutions Pvt. Ltd.	
Report Ref : GESPL_215(B)/2023-24/EC-Compliance/263	Rev No. 01



Photographs showing Greenbelt & plantation at site

Project	: A.C. Pressure Pipe Manufacturing Unit
Promoter	: ARL Infratech Limited-Unit Bindayaka

Compliance Report of the conditions laid in the EC for April 2023-Sept 2023
--

ANNEXURE XVI

Details of EMP



Gaurang Environmental Solutions Pvt. Ltd.	
Report Ref : GESPL_215(B)/2023-24/EC-Compliance/263	Rev No. 01

Details of Expenditure on EMP (Bindayaka)		
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	43,255.00
	Expenses on Medical examination or workers	3,300.00
Development of Green belt	Remuneration to Gardener	-
	Expenses on Purchasing Plants	-
	Expenses on manure, fertilizers and other necessary inputs.	-
	Expenses on Guarding Plants with Tree guards	-
Air Pollution Control Devices	Expenses on purchase of the Pollution Control Devices	-
	Expenses on maintenance of Pollution Control Devices	-
Environmental Monitoring	Expenses on Environmental Monitoring	13,269.00
Rooftop Solar PV Plant	Expenses on Solar Panels	-
Rain Water Harvesting	Expenses on Construction of Harvesting Pits	-
	Expenses on Maintenance of Harvesting Pits	-
Cleaning of Plant	Expenses on	55,670.00
	Total	115,494.00



Handwritten signature and official stamp of the District Engineer, Jaipur.

Project	: A.C. Pressure Pipe Manufacturing Unit
Promoter	: ARL Infratech Limited-Unit Bindayaka

Compliance Report of the conditions laid in the EC for April 2023-Sept 2023
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ANNEXURE XVII

Photographs showing RWH Structures



Gaurang Environmental Solutions Pvt. Ltd.	
Report Ref : GESPL_215(B)/2023-24/EC-Compliance/263	Rev No. 01



Photographs showing RWH Structures



Project	: A.C. Pressure Pipe Manufacturing Unit
Promoter	: ARL Infratech Limited-Unit Bindayaka

Compliance Report of the conditions laid in the EC for April 2023-Sept 2023
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ANNEXURE XVIII

Copy of Corporate Environment Policy



Gaurang Environmental Solutions Pvt. Ltd.	
Report Ref : GESPL_215(B)/2023-24/EC-Compliance/263	Rev No. 01



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.

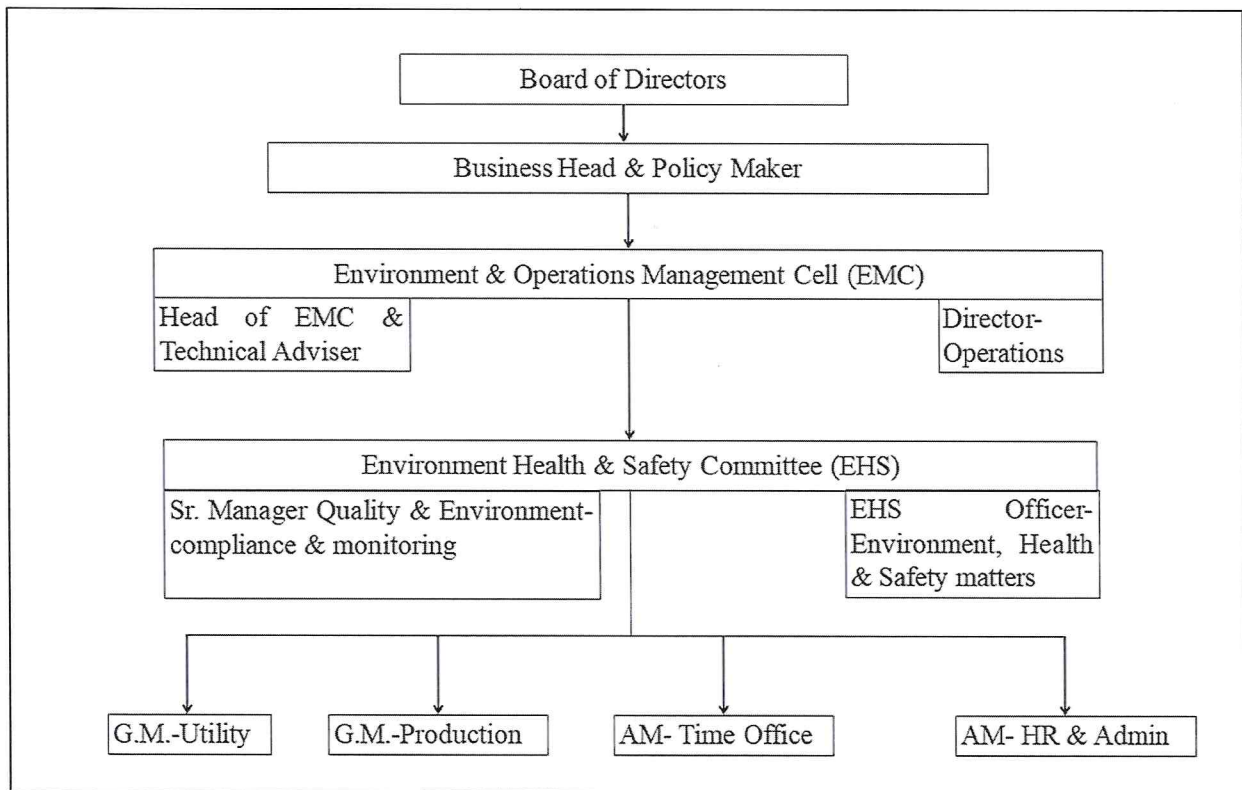
- Adopt the **4R PRACTICE** for our existing as well as future operations:
 - **REDUCE:** The consumption of natural resources and pollution by using scientifically proven technology
 - **RECHARGE:** Human Resources by upgrading their skills through training and motivating the employees and interested 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	: A.C. Pressure Pipe Manufacturing Unit
Promoter	: ARL Infratech Limited-Unit Bindayaka

Compliance Report of the conditions laid in the EC for April 2023-Sept 2023
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ANNEXURE XIX

Copy of Previous EC Compliance Receiving



Gaurang Environmental Solutions Pvt. Ltd.	
Report Ref : GESPL_215(B)/2023-24/EC-Compliance/263	Rev No. 01



arl infratech <arlinfratech2019@gmail.com>

Regarding Half - yearly EC compliance Report-ARL Infratech Limited-Bindayaka, Jaipur1 message

arl infratech <arlinfratech2019@gmail.com>

Tue, Jan 3, 2023 at 2:38 PM

To: iro.jaipur-mefcc@gov.in

Cc: arl@arlinfratech.com

Bcc: poojayadav.gespl@yahoo.com, gagandeep.gespl@gmail.com

Dear Sir/Ma'am

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, 2022 to September 2022 issued for Expansion of Asbestos Cement Pipes (9000 TPA to 15000 TPA) situated at F-124, Road No. 4, RIICO Industrial Area, Bindayaka, Tehsil: Jaipur, District: Jaipur, Rajasthan for your kind perusal.

Thanks & Regards

For ARL Infratech Ltd.

 **ARL Bindayaka final IRO.pdf**



GAURANG ENVIRONMENTAL SOLUTIONS PRIVATE LIMITED

SIMPLIFYING SUSTAINABILITY

**Accredited EIA Consultant Organization by NABET, QCI, New Delhi at S. No. 114 in list of
Accredited EIA Consultant Organizations
(as on May, 2022)**

#102, SNG, Shri Ratna Apartment Peetal factory, Jhotwara road, Jaipur-302016

e-mail: gaurangenviro@gmail.com

NABET Accreditation: NABET/EIA/2023/RA 0203