

Ref: AIL/EC/EHS/2022-23/33

Dated: 31/05/2023

To
The Chairman,
SEIAA, Assam,
Ministry of Environment & Forest & Climate Change,
Government of India,
Bamunimaidan, Guwahati, Assam - 21

Reference: Environment Clearance No. SEIAA.186/2014/EC/91 dated: 9th Feb 2018.

Subject: Submission of Six Monthly Environmental Compliance Report.

Dear Sir / Madam

With reference to the stipulations of "Environmental Clearance" under reference stated above, a six monthly compliance report of M/s Alsthom Industries Limited for the period 01.10.2022 to 31.03.2023 is submitted herewith for your kind perusal. The compliance report will be uploaded to our company website www.dalmiabharat.com within 15 days.

Thanking you,

For; Alsthom Industries Limited



(Authorized Signatory)

Copy to:

1. The Officer in-charge, Central Pollution Control Board, North-East Region, Shillong, Meghalaya.
2. The Regional Officer, Ministry of Environment, Forest and Climate Change, Integrated Regional Office, Guwahati, 4th Floor, Housefed Building, GS Road, Rukminigaon Guwahati-781022
3. The Sr. Environmental Engineer, RO office, Pollution Control Board – Assam, Milanpur, Sai Baba Mandir Path, CB, Haiborgaon, Nagon, Assam – 782002

Alsthom Industries Limited

Subsidiary of Dalmia Cement (Bharat) Limited

Village-Baghjap, Po-Jagibhakat Gaon, Dist- Morigaon (Assam) Pin-782411 Assam, India, W www.dalmiacement.com, CIN : U26100AS2016PLC017688

Registered Office : 3rd & 4th Floor, Anil Plaza II, ABC G.S. Road, Guwahati-781 005 (Assam), India

A Dalmia Bharat Group company, www.dalmiabharat.com

**SIX MONTHLY COMPLIANCE
REPORT
(Oct - 2022 TO Mar-2023)**

FOR

“CEMENT GRINDING UNIT”

At

Village - Baghjap, P.O.-Jagibhakatgaon,
District - Morigaon, Assam - 782410



Environmental Clearance

Letter No. SEIAA.186/2014/EC/91 dated: 9th Feb 2018

(Period: Oct 2022 to Mar 2023)

**M/s ALSTHOM INDUSTRIES LIMITED
(Subsidiary of Dalmia Cement (Bharat) Limited)**

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Annexure – VI: Display of Environmental Parameters

ALSTHOM INDUSTRIES LIMITED


(Subsidiary of DALMIA CEMENT (BHARAT) LIMITED)



Vill - Baghjap, PO - Jagibhakatgaon, Dist. – Morigaon, Assam – 782410



(Ref: Environment Clearance No. SEIAA.186/2014/EC/91 dated: 9th Feb 2018.)



Period of Compliance – Oct 2022 to March 2023

EC to 1540TPD Cement Grinding Unit at Vill - Baghjap, PO - Jagibhakatgaon,
Dist. – Morigaon, Assam by Alsthom Industries Limited.

S. No.	Environmental Stipulation	Compliance Status
SPECIFIC CONDITION		
1.	Cement grinding shall be carried out in closed cement mill and stack emission from various sources shall not exceed 30 mg/Nm ³ . As proposed, Cyclone separators followed by reverse pulse jet type bag filters shall be provided along with stacks of adequate height as per the CPCB guidelines to control gaseous emission below 30mg/Nm ³ . Stake of adequate height shall also be provided to DG sets.	<p>Complied</p> <ul style="list-style-type: none"> ➤ Cement grinding is being carried out in closed circuit & Stack emission level is maintained below permissible limit as per new standard i.e. 30 mg/Nm³  <ul style="list-style-type: none"> ➤ Cement mill Stack height is 32 meters above ground level to control gaseous emission below 30 mg/Nm³. ➤ Sufficient Stack Height provided at the time of installation.
2.	Continuous monitoring system to monitor gaseous emission shall be provided and limit of SPM shall be controlled within 30 mg/Nm ³ in the cement plant by installing adequate air pollution control system. Interlocking facility shall be provided in the pollution control equipment so that in the event of failure of APCDs, the respective process unit (s) is shut down automatically.	<p>Complied</p> <ul style="list-style-type: none"> ➤ Continuous Monitoring system has been installed to monitor gaseous emission and limit of SPM has been maintained as per new standard with 30 mg/Nm³ in the Cement Plant by installing adequate air pollution control system. ➤ Interlocking facility has been provided in the pollution control equipment. ➤ CCTV Camera Access is given to Opacity Meter Controller to Real time monitor of Stack Data

		 
3.	<p>Ambient air quality monitoring stations (AAQMS) shall be setup as per statutory requirement is consultation with the SEIAA, Assam or PCB, Assam. Ambient air quality including ambient noise monitoring shall be carried out regularly and must not exceed the standards stipulated under EPA, 1986. Monitoring reports for Ambient air, stack, and fugitive emissions shall be submitted to the SEIAA, Assam regional office MOEF at Shillong and PCB, Assam half yearly. Data on ambient air quality stack emission and fugitive emission shall be uploaded on the company's website.</p>	<p>Complied</p> <p>Ambient air quality monitoring stations (AAQMS) has been set up in consultation with the PCB, Assam. The plant is commissioned on 19th Feb 2017.</p> <p>Third party monitoring reports for Ambient air, stack, Fugitive emission and ambient noise are jointly attached as Annexure- I.</p>
4.	<p>The company shall install adequate dust collection and extraction system to control fugitive dust emission at various transfer points material handling (unloading, conveying, transporting stacking), vehicular movement bagging and packing areas etc. Crusher shall be operated with high efficiency bag filters. All conveyors shall be covered with GI sheets. Covered sheds for storage of raw materials and fully covered conveyors for transportation of materials shall be provided besides coal, cement, fly ash and clinker shall be stored in silos. Pneumatic system shall be used for fly ash handling.</p>	<p>Complied</p> <ul style="list-style-type: none"> ➤ Installed 11 Nos dust collector system to control fugitive dust emission at various transfer points, raw material handling (unloading, conveying, transporting, stacking), vehicular movement, bagging and packing areas etc. ➤ As it is a Grinding Unit, Crusher is not required. ➤ All conveyors discharge points have been totally covered and Venting Line are connected. ➤ Covered sheds for storage of raw

		<p>materials - Clinker, Fly ash & gypsum is provided.</p> <p>➤ Cement are stored in silos.</p>  
5.	<p>Dust suppression by regular water sprinkling shall be carried out in cement plant and area prone to air pollution and having high levels of SPM and RPM such as haul road, loading and unloading points, transfer points and other vulnerable areas to control fugitive emissions. Fugitive emission shall also be controlled by dust suppression. It shall be ensured that the ambient air quality parameters Conform to the norms prescribed by the Central Pollution Control Board, New Delhi in this regard.</p>	<p>Complied</p>

		<p>Regular water sprinkling has been carried out in cement plant and area prone to air pollution and having high levels of SPM and RSPM such as haul road, loading and unloading points, transfer points and other vulnerable areas to control fugitive emissions. Fugitive emission has also controlled by dust suppression system.</p>  
6.	Measures shall be taken to prevent impact of particulate emission/fugitive emission, if any from the plant on the surrounding area.	Complied
7.	Efforts shall be made to reduce impact of the transfer of the raw materials and end products on the surrounding environment including agricultural land. All the raw materials including fly ash shall be transported in the closed containers only and should not be overloaded. Vehicular emissions shall be regularly monitored and comply the norms.	<p>Complied</p> <ul style="list-style-type: none"> ➤ All the raw materials are transported in the closed containers/ tarpaulin covered trucks. ➤ Only Valid PUC certificate vehicles are being deployed
8.	Secondary fugitive emissions from all the sources shall be controlled within the latest permissible limits issued by the Ministry and regularly monitored Guidelines/ Code of Practice issued by the CPCB shall be followed.	<p>Complied</p> <p>Secondary fugitive emissions from all the sources has been controlled within the latest permissible limits issued by the Ministry and regularly monitored. Guidelines / Codes of Practice issued by the CPCB has been followed.</p>
9.	Asphalting/ concreting of roads and water	Complied

	spray all around the critical areas prone to air pollution and having high levels of SPM and RPM shall be ensured.	
10.	The gaseous emissions and particulate matter levels from various process units shall conform to the standard prescribed by the MOEF Govt. of India from time to time. At no point of time, the emissions shall exceed the prescribed limits. Interlocking system of equipment shall be chosen such that in the event of failure of any pollution control system adopted by the unit, the unit shall be immediately put out of operation and shall not be restated until the desired efficiency has been achieved.	<p>Complied</p> <p>We are maintaining the gaseous emissions and particulate matter levels from various process per the standards prescribed by the MoEF&CC, Govt. of India from time to time. At no point of time, the emissions are exceeding the prescribed limits & interlocking system of equipment have been provided with all pollution control system.</p>
11.	Total water requirement shall not exceed 33 m ³ /day. 'Zero' discharge shall be strictly adopted and no effluent shall be discharged from the cement plant, outside the premises to any nearby water body/ river etc.	<p>Complied</p> <ul style="list-style-type: none"> ➤ As our process is dry process, so we are not generating any effluent. We have adopted 'Zero' discharge.
12.	The drawl of 33 m ³ /day water from ground water source shall be allowed.	Complied
13.	Domestic effluent shall be treated in septic pits and soak pit in cement plant. All the treated waste water shall be used for gardening/ Agricultural purposes and dust suppression. Domestic waste shall be segregated into biodegradable and non-biodegradable. Bio-degradable waste shall be composted and non-bio-degradable waste shall be disposed-off in Environment - friendly manner of filled at identified sites only after proper treatment.	<p>Complied</p> <ul style="list-style-type: none"> ➤ Domestic effluent has been treated in septic pits and soak pits in cement plant. ➤ Domestic solid waste will be segregated into bio- degradable and non-biodegradable. Bio- degradable waste will be composted and non-biodegradable waste will be disposed-off in environment-friendly manner or filled at identified sites only after proper treatment.
14.	Regular monitoring of ground water shall be carried out a network of existing wells. The frequency of monitoring shall be four times a year- pre- monsoon (April/ May), monsoon (August), post monsoon (November), and winter (January). Data thus collected shall be sent at regular intervals to SEIAA, Assam and Regional Office, MOEFCC, Shillong and Central Ground Water Board.	<p>Complied</p> <ul style="list-style-type: none"> ➤ The plant commences its production from 19th Feb'2017. ➤ Ground water quality monitoring has been carried out though SPCB, Assam recognized laboratories. Copy of reports were attached as Annexure - II ➤ Digital Bore well water level recorder is

		installed at site for monitoring of Ground Water level. Copy of data is enclosed as Annexure-III
15.	Suitable conservation measures to augment ground water resources in the area shall be planned and implemented in consultation with Central Ground Water Board.	Roof Top Rain water harvesting facilities have been provided in the plant to augment ground water resources. Other conservation measures shall be implemented in due course of operation.
16.	The project proponent shall take appropriate mitigation measures to prevent pollution of nearby river and other surface water body, if any.	Complied As our process is dry process, Zero Liquid Discharge is practiced.
17.	All the bag filter dust, coal dust, and cement dust, from pollution control devices shall be recycled and reused in the process and used for cement manufacturing. Sludge generated during treatment of waste water shall be dried, compressed and used for land filling. Treated sewage shall be used as manure for green belt development. Waste oil, grease and scrapped automobile batteries shall be provided to the authorized recyclers/ re-processors as per the Hazardous & Other waste (Management & Transboundary Movement) Rules, 2016 and Batteries (Management & Handling) Rules 2001.	Complied All the bag filter dust, clinker dust and cement dust from Pollution control devices have been recycled and reused in the process and used for cement manufacturing. Waste oil, grease and scrapped automobile batteries has been provided to the authorized recyclers/ re-processors as Hazardous Waste (Management, Handling & Transboundary Movement) Rules, 2016 and Batteries (Management & Handling) Rules 2001.
18.	Effort shall be made to use low grade lime, more fly ash and solid waste in the cement manufacturing.	Complied Efforts are being made.
19.	All the fly shall be utilized as per Fly Ash Notification, 1999 subsequently amended in 2003. Efforts shall be made to use fly ash maximum in making Pozzolana Portland Cement (PPC).	Complied Being followed
20.	Rain water collected from the roof top shall be injected in to the ground through injection wells to recharge the ground water table.	Complied

21.	<p>As proposed, green belt shall be developed in at least (33%) in project area as per the CPCB guidelines in consultation with local DFO to mitigate the impact of fugitive emissions. A long term action plan for the plantation/ aforestation/ Green belt development etc., shall be prepared and submitted to the SEIAA, Assam and Regional Office of MOEF Shillong.</p>	<p>Complied</p> <p>33% area are being earmarked for green belt development and it is under implementation in phase manner.</p> <p>Mass Tree Plantation drive is going on in marked area from last April'22 to Complete the total area.</p> <p>We have planted approx. 1243 No's of trees which covered approx. 8670Sq.Mtr area.</p>  
22.	<p>The project proponent shall take all precautionary measures during construction and operation phases for conservation and protection of flora & fauna. Action plan for green belt plantation shall be prepared and implemented in consultation with the State Forest Department. Necessary allocation of funds so allocated shall be included in the project cost. Copy of action plan may be submitted to the SEIAA, Assam and Regional Office of MOEFCC Shillong.</p>	<p>Complied</p> <p>No Schedule-I species was reported during baseline studies conducted for appraisal of the project for grant of EC. Hence, Conservation plan is not required.</p>
23.	<p>Requisites on site & off-site emergency plan shall be prepared in consultation with concerned authorities and implemented</p>	<p>Complied</p> <p>Requisite On site & off-site emergency plan have been prepared and implemented.</p>

24.	The project authority should strictly comply with the provisions made in Manufacture, Storage & Import of Hazardous Chemicals Rules 1989 as amended and the Public Liability Insurance Act for hazardous chemicals etc.	Complying
25.	Acoustic enclosures shall be provided to control noise whenever necessary. Noise shall also be controlled from cooler fans, compressor house, cement mill, cement plant and additive. crusher using appropriate noise control measures.	Complied Acoustic enclosures have been provided to control noise from Compressors & DG Sets.
26.	The Company shall provide housing for construction labour within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, mobile STP, safe drinking water, medical health care, creche, etc. The housing may be in the form of temporary structures to be removed after the completion of the project.	Complied Project is completed, now plant is under operation
27.	Under Corporate Social Responsibility (CSR), sufficient budgetary provision shall be made for health improvement, education, electricity, water and other social economic up - liftmen in and around project area.	Complied Under Corporate Social Responsibility (CSR) 19 lacs budgetary provision has been made which is subject to revision based on various need base study. Under CSR Activity One DIKSHA Centre is about to set up for different Technical Training to Society.
GENERAL CONDITION		
1.	The project authorities must adhere to the stipulation made by State Government of Assam.	Noted for Compliance
2.	No further expansion or modification in the project shall be carried out without prior approval of the SEIAA Assam.	Complied Consent to Establish for Enhancement of production capacity has been obtained from PCB, Assam vide letter no WB/RONG/T-180/14-15/237/178 dated 2 nd May'2018 and submitted to SEIAA.
3.	At least four ambient air quality monitoring stations shall be established in the downward direction as well as where	Complied Plant commenced production on 19th

	<p>maximum ground level concentration of PM₁₀, PM_{2.5}, SO₂ and NO_x are anticipated in consultation with the Pollution Control Board. Data on ambient air quality and stack emissions shall be regularly monitored & submitted to the SEIAA, Assam including Regional Office of MOEF at Shillong once in six months.</p>	<p>Feb'2017 and one continuous online ambient air quality monitoring station has been installed.</p> <p>Four Ambient Air Quality Monitoring points has been established and 3rd Party monitoring is carried out and reports are attached as an Annexure-I</p>
4.	<p>Industrial waste water shall be properly collected and treated so as to conform to the standards prescribed under GSR 422 (E) dated 19th May, 1993 and 31st December 1993 or as amended from time to time. The treated waste water shall be utilized for plantation purpose.</p>	<p>Complied</p> <p>As our process is dry process, we are not discharging any industrial waste water.</p>
5.	<p>The overall noise levels in the _ around the plant area shall be kept well within the standards (85 dBA) by providing noise control measures including acoustic hoods, silencers, enclosures etc. On all sources of noise generation. The ambient noise levels shall conform to the standards prescribed under Environmental (Protection) Act, 1986 Rules, 1989 viz. 75 dBA (night time).</p>	<p>Complied</p> <p>Noise Monitoring report is attached as Annexure-I</p>
6.	<p>Proper Housekeeping and adequate occupational health program must be taken up. Occupational Health Surveillance program shall be done on a regular basis and records maintained. The program must include lung function and sputum analysis test once in six months.</p>	<p>Complied</p> <ul style="list-style-type: none"> ➤ Suitable housekeeping and adequate occupational health programs have been taken up. ➤ Occupational Health Surveillance program has been carried out and records have been maintained. The program includes lung function and sputum analysis tests. Workman Reports are attached for your reference as an Annexure – IV.
7.	<p>The company shall undertake Eco-development measures including community welfare measures in the project area.</p>	<p>Complied</p> <p>In spite of the restrictions faced during the second wave, several initiatives were undertaken to help local communities. We also continued our broader CSR programs focused on areas of education, skill development, health and the environment. Our overarching endeavor through these</p>

		<p>efforts is to enrich and empower the lives of those from the weaker sections of our society and make a sustainable difference.</p> <p>Eco-development measures including Tree plantation drive and Construction of handrails has been completed at Baghjap Village Community Hall. CSR Activity report is attached as Annexure-V.</p>
8.	The project proponent shall also comply with all the environmental protection measures and safeguards recommended in the EIAIEMP.	Noted for Compliance
9.	A separate environment management cell with full-fledged laboratory facilities to carry out various management and monitoring functions shall be set up under the control of Senior Executive.	<p>Complied</p> <p>Laboratory facilities are limited as Environmental monitoring is carried out by third party laboratory approved by SPCB, Assam.</p>
10.	The project authorities shall inform SEIAA, Assam as well as Regional Office of MOEFCC at Shillong the date financial closure and final approval of the project by the concerned authorities and the date of commencing the land development work etc.	<p>Complied</p> <p>The date of commencing the land development work – 4th April 2015 and the date of financial closure – 23rd March 2017.</p>
11.	The project proponent shall inform the public that the project has been accorded environmental clearance by the SEIAA, Assam. This should be advertised within seven days from the date of issue of the clearance letter at least in two local newspaper that are widely circulated in the region of which one shall be in the vernacular language of the locality concerned and copy of the same shall be forwarded to the SEIAA, Assam	Complied
12.	The project proponent shall upload the status of compliance of the stipulated environment clearance conditions, including results of monitored data on their website and shall update the same periodically. It shall simultaneously be sent to the SEIAA, Assam. The criteria pollutant levels namely: SPM, RSPM (PM ₁₀ /PM _{2.5}), SO ₂ , NO _x	<p>Complied</p> <p>Criteria pollutant levels namely (PM₁₀/PM_{2.5}), SO₂, NO_x (ambient levels as well as stack emissions) or critical sectoral parameters, indicated are being monitored and displayed at near the main gate of the company in the public domain. Kindly find</p>

	(ambient levels as well as stack emissions) or critical sectorial parameters, indicated for the projects shall be monitored and displayed at convenient location near the main gate of the company in the public domain	the pictures of the Display as Annexure - VI.
13.	The project proponent shall also submit six monthly reports on the status of the compliance of the stipulated environment conditions including results of monitored data on 1 st June and 1 st December each year (Both in hard copies as well as in CD-ROM) to the SEIAA Assam with copies to the Regional Office of MOEFCC, Shillong. The SEIAA, Assam shall monitor the stipulated conditions mentioned in the Environment Clearance from time to time.	Complied Six monthly reports on the status of the compliance of the stipulated environmental conditions are being regularly submitted.
14.	The environmental statement for each financial year ending 31st March in Form-V as is mandated to be submitted by the project proponent the SEIAA, Assam and Pollution Control Board, Assam as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently, shall also be put on the website of the -company along with the status of compliance of environmental conditions and shall also be sent to the SEIAA, Assam & Regional Office of the MOEFCC, Shillong by e-mail.	Complied
15.	The SEIAA, Assam or any competent authority may stipulate any further conditions (S) on receiving reports from the project authorities. The above conditions will be monitored by SEIAA, Assam & Regional Office of the MOEF, Shillong.	Noted for Compliance
16.	The SEIAA, Assam may revoke or suspend the clearance if implementation of any of the above conditions is not satisfactory.	Noted for Compliance
17.	Any other conditions or alternations or alternation in the above conditions will have to be implemented by the project authorities in a time bound manner.	Noted for Compliance
18.	The above conditions will be enforced, inter-alia under the provisions of the water	Noted for Compliance

(Prevention and the control of Pollution) Act, 1986 and the Public Liability Insurance Act, 1991 along with their amendments and rules.

EXHIBIT 1: ONLINE STACK EMISSION MONITORING SYSTEM



EXHIBIT 2: AIR POLLUTION CONTROL SYSTEMS



EXHIBIT 3: ONLINE CONTINUOUS AMBIENT AIR QUALITY MONITORING STATION



EXHIBIT 4: GREEN BELT UNDER DEVELOPMENT





LIST OF TREE PLANTATION

Sl No	Name of the Tree	Total Qty
1	<i>Mango</i>	141
2	<i>Amara</i>	4
3	<i>Jamun</i>	77
4	<i>Neem</i>	66
5	<i>Arjun</i>	77
6	<i>Bakul</i>	58
7	<i>Krishnachura</i>	55
8	<i>Pipal</i>	8
9	<i>Hartuki</i>	20
10	<i>Simalu</i>	23
11	<i>Amla</i>	22
12	<i>Ashoka</i>	32
13	<i>Goava</i>	31
14	<i>Orange</i>	108
15	<i>Litchi</i>	15
16	<i>Papaya</i>	6

17	<i>Jackfruit</i>	146
18	<i>Tick</i>	1
19	<i>chalta</i>	2
20	<i>Amra</i>	2
21	<i>Eucalyptus</i>	9
22	<i>Raintree</i>	23
23	<i>Jalpai</i>	48
24	<i>Kadam</i>	7
25	<i>Coconut</i>	49
26	<i>Betel Nut</i>	40
27	<i>Leteku</i>	27
28	<i>Agaru</i>	7
29	<i>Kamini Kanchan</i>	22
30	<i>Nahor</i>	11
31	<i>Bhomora</i>	13
32	<i>Lemon</i>	20
33	<i>Powder Puff</i>	20
34	<i>Hilikha</i>	3
35	<i>Debodaru</i>	24
36	<i>Bamboo</i>	26
Grand Total		1243 Nos (8670 Sq Mtr)

Report No.: ENV/AIL/EM/22-23/AA-03/01

Date : 27/03/2023

Order No.: 4560000764/311

Date : 21/09/2022

Report Issued To : **ALSTHOM INDUSTRIES LIMITED**

Village: Baghjap, P. O.: Jagibhakat, Dist.: Morigaon, Assam- 782410

AMBIENT AIR QUALITY TEST RESULTS

Sl. No.	LOCATION(S) ↓	Date of Sampling	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 ₂ ($\mu\text{g}/\text{m}^3$)
	LIMIT(S) →		---	60	100	80
01	Near MRSS (26.1684, 92.21498)	17.03.2023	29.6	47.8	6.2	7.4
02	Near Compressor House (26.16802, 92.21422)	17.03.2023	24.3	43.4	5.2	6.5
03	Near Packing Area (26.16856, 92.21414)	18.03.2023	31.9	50.8	6.6	8.1
04	Near Water Pump House (26.16867, 92.21515)	18.03.2023	24.7	45.3	5.9	7.1

Analysis Protocol: IS 5182



Checked By: Mr. Pankaj Barol, ENVIROCON

- NOTE:**
1. Results reported are valid at the time of and under the prevailing conditions of measurement.
 2. Results refer only to the particular parameters tested.
 3. This test report shall not be reproduced except in full, without the written permission of ENVIROCON, I.O.C.L (AOD) New Market, Digboi – 786171, Assam.

Core Services: Environmental Monitoring & Data Generation, EIA & EMP, Environmental Audit & Allied Environmental Management jobs
Associate Services: Certification by Competent Person (CIF), NDT, Hydraulic Testing, Chartered Engineer Services etc.

Report No.: ENV/AIL/EM/22-23/N-03/01

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Report Issued To: **ALSTHOM INDUSTRIES LIMITED**

Village: Baghjap, P. O.: Jagibhakat, Dist.: Morigaon, Assam- 782410

AMBIENT NOISE LEVEL MEASUREMENT RESULTS

Sl. No.	Location(s)	Date Of Measurement	Day Time	Night Time
			L_{eq} (dB-A)	L_{eq} (dB-A)
1	MRSS	17.03.2023	62.4	43.1
2	Main Gate	17.03.2023	55.7	41.6
3	Near Pump House	17.03.2023	72.8	66.1
4	Near Cement Mill	17.03.2023	74.3	69.1
5	Near Compressor	17.03.2023	73.5	68.5
6	Near Packing Area	17.03.2023	71.6	63.8
7	Engineering Store Area	17.03.2023	53.6	44.2
8	Fly Ash Area	17.03.2023	73.9	67.2

Limit: - Day Time- 75 dB-A, Night Time- 70 dB-A, as per G. S. R. 1063 (E), Dated- 26.12.1989



Checked By: Mr. Pankaj Baroi, ENVIROCON

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Report Issued To : **ALSTHOM INDUSTRIES LIMITED**
Village: Baghjap, P. O.: Jagibhakat, Dist.: Morigaon, Assam- 782410

STACK EMISSION TEST RESULTS

Sample No.	AIL/22-23/SE-03/01				
Date of Sampling	17.03.2023				
Sample Collected From	Stack Attached To Cement Mill				
PHYSICAL INSPECTION REPORT OF THE STACK					
Material of Construction	M. S.				
Height of the Stack (measured from ground level)	35.0 m				
Stack Diameter (at sampling point)	1.0 m				
Fuel Used	--				
RESULTS OF STACK MONITORING					
Sl. No.	Parameter(s)	Unit(s)	Result(s)	Limit(s)	Analysis Protocol(s)
1.	Flue Gas Temperature	°C	62	--	IS 11255; Part 3
2.	Flue Gas Velocity	m/sec	6.3	--	IS 11255; Part 3
3.	Particulate Matter	mg/Nm ³	12.7	30	IS 11255; Part 1
4.	Oxides of Sulfur (as SO ₂)	mg/Nm ³	BDL	1000	Flue Gas Analyser
5.	Oxides of Nitrogen (as NO _x)	mg/Nm ³	BDL	800	Flue Gas Analyser
BDL: Below Detectable Limit					



Checked By: Mr. Pankaj Baroi, ENVIROCON ASSAM

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Report No.: ENV/AIL/EM/22-23/DG-03/01

Date : 27/03/2023

Order No.: 4560000764/311

Date : 21/09/2022

Report Issued To : **ALSTHOM INDUSTRIES LIMITED**

Village: Baghjap, P. O.: Jagibhakat, Dist.: Morigaon, Assam- 782410

D. G. STACK EMISSION TEST RESULTS

Sample No.	AIL/22-23/DG-03/01				
Date of Sampling	17.03.2023				
Sample Collected From	Stack attached to D.G. Set- 380 KVA/304 KW				
PHYSICAL INSPECTION REPORT OF THE STACK					
Material of Construction	M. S.				
Height of the Stack (measured from ground level)	7.0 m				
Fuel Used	H. S. D				
RESULTS OF STACK MONITORING					
Sl. No.	Parameter(s)	Unit(s)	Result(s)	Limit(s)	Analysis Protocol(s)
1	Flue Gas Temperature, °C	°C	121	--	IS 11255; Part 3
2	PM	g/kW-hr	0.031	≤0.3	IS 11255; Part 1
3	NO _x + HC	g/kW-hr	1.13	≤4.0	Flue Gas Analyser
4	CO	g/kW-hr	0.92	≤3.5	Flue Gas Analyser
PM : Particulate Matter NO _x : Oxides of Nitrogen HC : Hydrocarbon CO : Carbon Monoxide					


ENVIROCON
DIGBOI, ASSAM

Checked By: Mr. Pankaj Baroi, ENVIROCON

- NOTE:**
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 2. Results refer only to the particular parameters tested.
 3. This test report shall not be reproduced except in full, without the written permission of ENVIROCON, I.O.C.L (AOD) New Market, Digboi – 786171, Assam.

Report No.: ENV/AIL/EM/22-23/SW-03/01

Date : 27/03/2023

Order No.: 4560000764/311

Date : 21/09/2022

Report Issued To: **ALSTHOM INDUSTRIES LIMITED**

Village: Baghjap, P. O.: Jagibhakat, Dist.: Morigaon, Assam- 782410

SERVICE WATER ANALYSIS RESULTS

Sample Ref. No. : AIL/2023/SW-1803/01

Sample Source : Alsthom Industries Ltd.

Sample Type : Cooling Service Water

Collected On : 18-03-2023

Received On : 20-03-2023

Collected By : ENVIROCON Representative

Sl. No.	Parameters	Results	Limit
1.	pH	6.63	6.5 – 8.5
2.	Temperature, °C	25.4	Not more than 5°C higher than the intake water temperature
3.	Suspended Solids, mg/l	7.1	100
4.	Oil & Grease, mg/l	<4.0	10
5.	Legionella Bacteria, CFU/ml	Absent	Absent
6.	Total Bacteria, CFU/ ml	28	--


Checked By: Mr. Pankaj Baroi, ENVIROCON

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Report No.: ENV/AIL/EM/22-23/FE-03/01
Date : 27/03/2023

Order No.: 4560000764/311
Date : 21/09/2022

Report Issued To: **ALSTHOM INDUSTRIES LIMITED**
Village: Baghjap, P. O.: Jagibhakat, Dist.: Morigaon, Assam- 782410

FUGITIVE EMISSION TEST RESULTS

Date	Locations	Fugitive Emission Results for SPM ($\mu\text{g}/\text{m}^3$)	Limits ($\mu\text{g}/\text{m}^3$)
17.03.2023	Raw Material Handling	362	2000
18.03.2023	Fly Ash Area	923	5000

Analysis Protocol: IS 5182


Checked By: Mr. Pankaj Baroi, ENVIROCON

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Report No.: ENV/AIL/EM/22-23/WW-03/01

Date : 27/03/2023

Order No.: 4560000764/311

Date : 21/09/2022

Report Issued To : **ALSTHOM INDUSTRIES LIMITED**

Village: Baghjap, P. O.: Jagibhakat, Dist.: Morigaon, Assam- 782410

STP WATER ANALYSIS RESULTS

Sample Ref. No. : AIL/2023/STP-1803/01

Sample Source : STP-I

Sample Type : STP Treated Water

Collected On : 18-03-2023

Received On : 20-03-2023

Collected By : ENVIROCON Representative

Sl. No.	Parameters	Results	Limit [G.S.R. 1265 (E), 2017]
1	pH	7.29	6.5 – 9.0
2	Biochemical Oxygen Demand (as BOD), mg/l	21	30
3	Total Suspended Solids (as TSS), mg/l	33	<100
4	Fecal Coliform (as FC), MPN/100 ml	782	<1000

Analysis Protocol: IS 3025

MPN: Most Probable Number



Checked By: Mr. Pankaj Baroi, ENVIROCON

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Report No.: ENV/AIL/EM/22-23/WW-03/02
Date : 27/03/2023

Order No.: 4560000764/311
Date : 21/09/2022

Report Issued To : **ALSTHOM INDUSTRIES LIMITED**
Village: Baghjap, P. O.: Jagbhakat, Dist.: Morigaon, Assam- 782410

STP WATER ANALYSIS RESULTS

Sample Ref. No. : AIL/2023/STP-1803/02
Collected On : 18-03-2023

Sample Source : STP-II
Received On : 20-03-2023

Sample Type : STP Treated Water
Collected By : ENVIROCON Representative

Sl. No.	Parameters	Results	Limit [G.S.R. 1265 (E), 2017]
1	pH	7.25	6.5 – 9.0
2	Biochemical Oxygen Demand (as BOD), mg/l	19	30
3	Total Suspended Solids (as TSS), mg/l	24	<100
4	Fecal Coliform (as FC), MPN/100 ml	728	<1000

Analysis Protocol: IS 3025

MPN: Most Probable Number




Checked By: Mr. Pankaj Baroi, ENVIROCON, ASSAM

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Report No.: ENV/AIL/EM/22-23/N-03/01

Date : 27/03/2023

Order No.: 4560000764/311

Date : 21/09/2022

Report Issued To: **ALSTHOM INDUSTRIES LIMITED**

Village: Baghjap, P. O.: Jagibhakat, Dist.: Morigaon, Assam- 782410

D. G. SET NOISE LEVEL MEASUREMENT RESULTS

Sl. No.	Location(s)	Date Of Measurement	Result (dB-A)
1	D.G. Set- 380 KVA/304 KW	17.03.2023	73.9

Limit: - 75 dB-A (at 1 meter distance), as per G. S. R. 371 (E), Dated- 17.05.2002.



Checked By: Mr. Pankaj Baroi, ENVIROCON

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Report No.: ENV/AIL/EM/22-23/RW-03/01
Date : 27/03/2023

Order No.: 4560000764/311
Date : 21/09/2022

Report Issued To: **ALSTHOM INDUSTRIES LIMITED**
Village: Baghjap, P. O.: Jagibhakat, Dist.: Morigaon, Assam- 782410

RAW WATER ANALYSIS RESULTS

Sample Ref. No. : AIL/2023/RW-1803/01 Sample Source : Alsthom Industries Ltd. Sample Type : Raw Water/Ground Water
Collected On : 18-03-2023 Received On : 20-03-2023 Collected By : ENVIROCON Representative

Sl. No.	Parameters	Results	Acceptable Limit*	Permissible Limit* in the Absence of Alternate Source
01	Colour , Hazen Units, Max	4	5	15
02	Odour	Odourless	Agreeable	Agreeable
03	Taste	Acceptable	Agreeable	Agreeable
04	Turbidity, NTU, Max	0.6	1.0	5
05	pH	6.64	6.5 – 8.5	No Relaxation
06	Total Dissolved Solids, mg/l, Max	98	500	2000
07	Aluminium (as Al), mg/l, Max	<0.01	0.03	0.2
08	Boron (as B), mg/l, Max	<0.01	0.5	1.0
09	Calcium (as Ca), mg/l, Max	19	75	200
10	Chloride (as Cl), mg/l, Max	4.1	250	1000
11	Copper (as Cu), mg/l, Max	<0.001	0.05	1.5
12	Fluorides (as F), mg/l, Max	0.3	1.0	1.5
13	Free Residual Chlorine, mg/l, Min	<0.01	0.2	1
14	Iron (as Fe), mg/l, Max	0.21	0.3	No Relaxation
15	Magnesium (as Mg), mg/l, Max	2	30	100
16	Manganese (as Mn), mg/l, Max	<0.001	0.1	0.3
17	Zinc (as Zn), mg/l, Max	<0.01	5	15
18	Nitrate (as NO ₃), mg/l, Max	1.8	45	No Relaxation
19	Phenolic Compounds (as C ₆ H ₅ OH), mg/l, Max	<0.001	0.001	0.002
20	Sulfate (as SO ₄), mg/l, Max	21	200	400
21	Total Alkalinity(as CaCO ₃) , mg/l, Max	62	200	600
22	Total Hardness, (as CaCO ₃), mg/l, Max	96	200	600
23	Cadmium (as Cd), mg/l, Max	<0.001	0.003	No Relaxation
24	Cyanide (as CN), mg/l, Max	<0.001	0.05	No Relaxation
25	Lead (as Pb), mg/l, Max	<0.001	0.01	No Relaxation
26	Mercury (as Hg), mg/l, Max	<0.001	0.001	No Relaxation
27	Total Arsenic (as As), mg/l, Max	<0.001	0.01	0.05
28	Total Chromium, (as Cr), mg/l, Max	<0.001	0.05	No Relaxation
29	E. Coli / 100 ml	Absent	Absent	Absent

*Limits as per IS 10500:2012

Analysis Protocol: IS 3025



Checked By: Mr. Pankaj Baroi, ENVIROCON

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Core Services: Environmental Monitoring & Data Generation, EIA & EMP, Environmental Audit & Allied Environmental Management jobs
Associate Services: Certification by Competent Person (CIF), NDT, Hydraulic Testing, Chartered Engineer Services etc.

DATALOGGER ID	DATE/TIME	BATTERY VOLTAGE (V)	WATER LEVEL (mWC)	TEMPERATURE (degC)	BAROMETRIC (hPa)
BE1424	04-10-2022 06:00	7.24	-6.88E+00	25.5	1001.5
BE1424	04-10-2022 18:00	7.24	-6.86E+00	25.5	997.4
BE1424	04-11-2022 06:00	7.23	-6.83E+00	25.5	999.6
BE1424	04-11-2022 18:00	7.24	-6.84E+00	25.5	997.2
BE1424	04-12-2022 06:00	7.24	-6.83E+00	25.5	1000.2
BE1424	04-12-2022 18:00	7.24	-6.86E+00	25.5	995.5
BE1424	05-10-2022 06:00	7.23	-6.37E+00	25.5	998.4
BE1424	05-10-2022 18:00	7.23	-6.45E+00	25.5	995.5
BE1424	05-11-2022 06:00	7.23	-6.45E+00	25.5	997
BE1424	05-11-2022 18:00	7.23	-6.49E+00	25.5	993.7
BE1424	05-12-2022 06:00	7.23	-6.52E+00	25.5	996
BE1424	05-12-2022 18:00	7.23	-6.64E+00	25.5	992.5
BE1424	06-10-2022 06:00	7.24	-3.04E+00	25.5	992.8
BE1424	06-10-2022 18:00	7.23	-3.04E+00	25.5	991.2
BE1424	06-11-2022 06:00	7.23	-3.06E+00	25.5	993.5
BE1424	06-11-2022 18:00	7.23	-3.08E+00	25.5	991.6
BE1424	06-12-2022 06:00	7.23	-3.00E+00	25.5	993.8
BE1424	06-12-2022 18:00	7.23	-3.02E+00	25.5	993.6
BE1424	07-10-2022 06:00	7.23	-1.53E+00	25.5	992.5
BE1424	07-10-2022 18:00	7.24	-1.64E+00	25.5	989
BE1424	07-11-2022 06:00	7.24	-1.63E+00	25.5	994.1
BE1424	07-11-2022 18:00	7.24	-1.71E+00	25.5	989.5
BE1424	07-12-2022 06:00	7.24	-1.70E+00	25.5	994.6
BE1424	07-12-2022 18:00	7.24	-1.86E+00	25.5	989.6
BE1424	08-10-2022 06:00	7.24	-3.21E+00	25.5	992.8
BE1424	08-10-2022 18:00	7.24	-3.33E+00	25.5	991.7
BE1424	08-11-2022 06:00	7.24	-3.31E+00	25.5	994
BE1424	08-11-2022 18:00	7.24	-3.49E+00	25.5	990.4
BE1424	08-12-2022 06:00	7.25	-3.47E+00	25.5	993.3
BE1424	08-12-2022 18:00	7.24	-3.69E+00	25.5	989
BE1424	09-10-2022 06:00	7.25	-3.61E+00	25.5	999.8
BE1424	09-10-2022 18:00	7.24	-3.67E+00	25.4	995.5
BE1424	09-11-2022 06:00	7.25	-3.62E+00	25.5	998.4
BE1424	09-11-2022 18:00	7.24	-3.67E+00	25.4	993.9
BE1424	09-12-2022 06:00	7.25	-3.64E+00	25.5	998
BE1424	09-12-2022 18:00	7.24	-3.69E+00	25.4	995.5
BE1424	10-10-2022 06:00	7.25	-3.75E+00	25.4	1003.2
BE1424	10-10-2022 18:00	7.24	-3.74E+00	25.4	999.1
BE1424	10-11-2022 06:00	7.25	-3.66E+00	25.4	1001.4
BE1424	10-11-2022 18:00	7.25	-3.66E+00	25.4	999.1
BE1424	10-12-2022 06:00	7.25	-3.58E+00	25.4	1000.3
BE1424	10-12-2022 18:00	7.25	-3.58E+00	25.4	1000.6
BE1424	11-10-2022 06:00	7.24	-4.78E+00	25.4	1006.5
BE1424	11-10-2022 18:00	7.24	-4.80E+00	25.4	1000.8
BE1424	11-11-2022 06:00	7.24	-4.84E+00	25.5	1005.5
BE1424	11-11-2022 18:00	7.24	-4.93E+00	25.4	1001.6
BE1424	11-12-2022 06:00	7.24	-4.94E+00	25.5	1005.2
BE1424	11-12-2022 18:00	7.24	-5.02E+00	25.4	1001.4
BE1424	12-10-2022 06:00	7.23	-6.38E+00	25.5	1004.3
BE1424	12-10-2022 18:00	7.23	-6.43E+00	25.5	1000.3
BE1424	12-11-2022 06:00	7.23	-6.41E+00	25.5	1005.2
BE1424	12-11-2022 18:00	7.23	-6.48E+00	25.4	1001
BE1424	12-12-2022 06:00	7.22	-6.42E+00	25.5	1003.6
BE1424	12-12-2022 18:00	7.23	-6.49E+00	25.5	1000.5
BE1424	01-04-2023 06:00	7.21	-7.02E+00	25.5	1009.8
BE1424	01-04-2023 18:00	7.23	-7.10E+00	25.5	1005.5

Annexure : III

BE1424	01-05-2023 06:00	7.22	-7.03E+00	25.5	1010.1
BE1424	01-05-2023 18:00	7.23	-7.12E+00	25.5	1005.8
BE1424	01-06-2023 06:00	7.21	-7.06E+00	25.5	1009.6
BE1424	01-06-2023 18:00	7.23	-7.24E+00	25.5	1005
BE1424	01-07-2023 06:00	7.21	-7.19E+00	25.5	1008.4
BE1424	01-07-2023 18:00	7.23	-7.25E+00	25.5	1002.7
BE1424	01-08-2023 06:00	7.21	-7.21E+00	25.5	1007
BE1424	01-08-2023 18:00	7.23	-7.29E+00	25.5	1004.3
BE1424	01-09-2023 06:00	7.21	-7.15E+00	25.5	1008.4
BE1424	01-09-2023 18:00	7.23	-7.26E+00	25.5	1004.8
BE1424	01-10-2023 06:00	7.21	-7.17E+00	25.5	1008
BE1424	01-10-2023 18:00	7.23	-7.25E+00	25.5	1002.4
BE1424	01-11-2023 06:00	7.22	-7.18E+00	25.5	1005.4
BE1424	01-11-2023 18:00	7.23	-7.22E+00	25.5	1000.9
BE1424	01-12-2023 06:00	7.22	-7.20E+00	25.5	1003.4
BE1424	01-12-2023 18:00	7.23	-7.31E+00	25.5	999.9
BE1424	02-04-2023 06:00	7.22	-7.65E+00	25.5	1002.2
BE1424	02-04-2023 18:00	7.22	-7.83E+00	25.5	997.4
BE1424	02-05-2023 06:00	7.22	-7.68E+00	25.5	1001.2
BE1424	02-05-2023 18:00	7.23	-7.82E+00	25.5	999.1
BE1424	02-06-2023 06:00	7.22	-7.69E+00	25.5	1002.6
BE1424	02-06-2023 18:00	7.23	-7.74E+00	25.5	998.8
BE1424	02-07-2023 06:00	7.22	-7.67E+00	25.5	999.7
BE1424	02-07-2023 18:00	7.23	-7.78E+00	25.5	999.8
BE1424	02-08-2023 06:00	7.22	-7.70E+00	25.5	1003.1
BE1424	02-08-2023 18:00	7.22	-7.77E+00	25.5	1002
BE1424	02-09-2023 06:00	7.22	-7.69E+00	25.5	1003.8
BE1424	02-09-2023 18:00	7.23	-7.79E+00	25.5	1003.1
BE1424	02-10-2023 06:00	7.21	-7.71E+00	25.5	1004.3
BE1424	02-10-2023 18:00	7.22	-7.85E+00	25.5	1001.3
BE1424	02-11-2023 06:00	7.22	-7.75E+00	25.5	1003.6
BE1424	02-11-2023 18:00	7.23	-7.86E+00	25.5	1001.2
BE1424	02-12-2023 06:00	7.22	-7.78E+00	25.5	1002.2
BE1424	02-12-2023 18:00	7.23	-7.90E+00	25.5	1000
BE1424	03-04-2023 06:00	7.23	-8.03E+00	25.5	1008.2
BE1424	03-04-2023 18:00	7.23	-8.15E+00	25.4	1002.9
BE1424	03-05-2023 06:00	7.23	-8.08E+00	25.5	1006.2
BE1424	03-05-2023 18:00	7.23	-8.18E+00	25.5	1001.6
BE1424	03-06-2023 06:00	7.24	-8.08E+00	25.5	1004.8
BE1424	03-06-2023 18:00	7.23	-8.17E+00	25.4	1001.2
BE1424	03-07-2023 06:00	7.23	-8.09E+00	25.5	1005.2
BE1424	03-07-2023 18:00	7.23	-8.25E+00	25.4	1002.6
BE1424	03-08-2023 06:00	7.23	-8.08E+00	25.5	1007.2
BE1424	03-08-2023 18:00	7.23	-8.20E+00	25.4	1003.5
BE1424	03-09-2023 06:00	7.23	-8.10E+00	25.5	1005.6
BE1424	03-09-2023 18:00	7.23	-8.31E+00	25.4	1001.5
BE1424	03-10-2023 06:00	7.24	-8.12E+00	25.5	1004.6
BE1424	03-10-2023 18:00	7.23	-8.27E+00	25.4	1001.7
BE1424	03-11-2023 06:00	7.24	-8.16E+00	25.5	1005.5
BE1424	03-11-2023 18:00	7.23	-8.22E+00	25.4	1001.7
BE1424	03-12-2023 06:00	7.24	-8.18E+00	25.5	1006
BE1424	03-12-2023 18:00	7.23	-8.28E+00	25.4	1001.9

63

DR. L. C. BAISHYA, MBBS

RETD. CASUALTY OFFICER

MOB. : 9435047646

CUM I/C DEPUTY SUPERINTENDENT, GMCH

Regd. No. : 9542 (AMC)

Ref. :

Date :

17/3/23

Patient Name : Lankeshwar Bordoloi

Age : 43 yrs. Sex : m

O/E :

Weight : 55 kg

Height : 5 ft

BP : 120/80

Puls : 72/min

Eye Sight :

Colour blindness : N

R 6/6

Distant :

L 6/6

Chest : Clear

CVS : NAD

CNS : NAD

P/A : Soft NAD

He / She examined by me and found him/her both physically and mentally fit/ unfit to do any hard work .

Seal and Signature of Medical Officer

Dr. Lohit Ch. Baishya
M.B.B.S.
Retd. Casualty Officer cum
In-charge Dy. Supdt. (GMCH)
Regd. No-9542 (AMC)

Annexure : IV

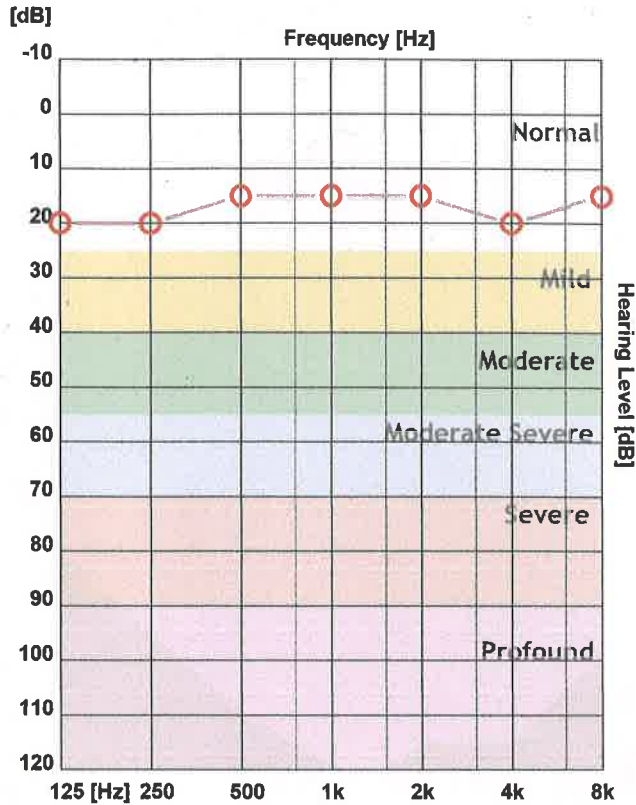
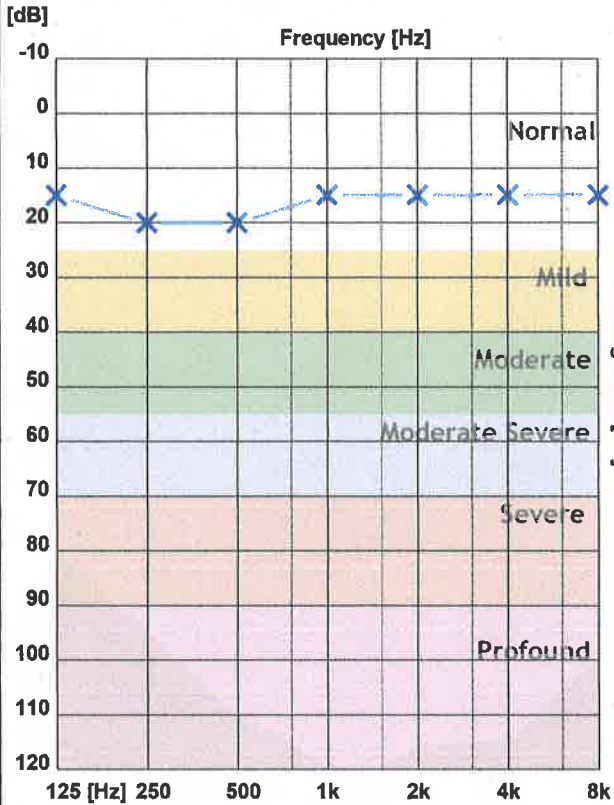


ULTRACARE DIAGNOSTIC CENTRE

BELTOLA, SURVEY GUWAHATI

Patient ID : 0095
 Name : LANKESHWAR BORDALI
 CR Number : 20230317172453
 Registration Date : 17-Mar-2023

Age : 43
 Gender : Male
 Operator : ultracare survey



	125 Hz	250 Hz	500 Hz	750 Hz	1000 Hz	1500 Hz	2000 Hz	3000 Hz	4000 Hz	6000 Hz	8000 Hz
X - Air Left	15	20	20		15		15		15		15
O - Air Right	20	20	15		15		15		20		15
> - Bone Left											
< - Bone Right											

	Average	High	Mid	Low
AIR Left	N.A	N.A	N.A	N.A
AIR Right	N.A	N.A	N.A	N.A

Clinical Notes :

Not Found

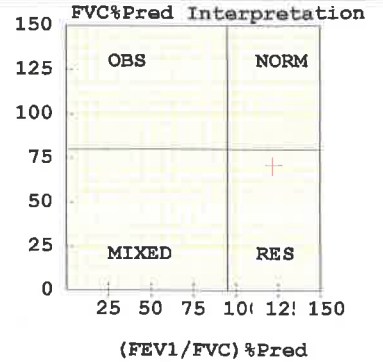
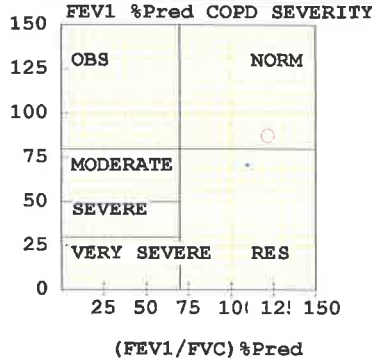
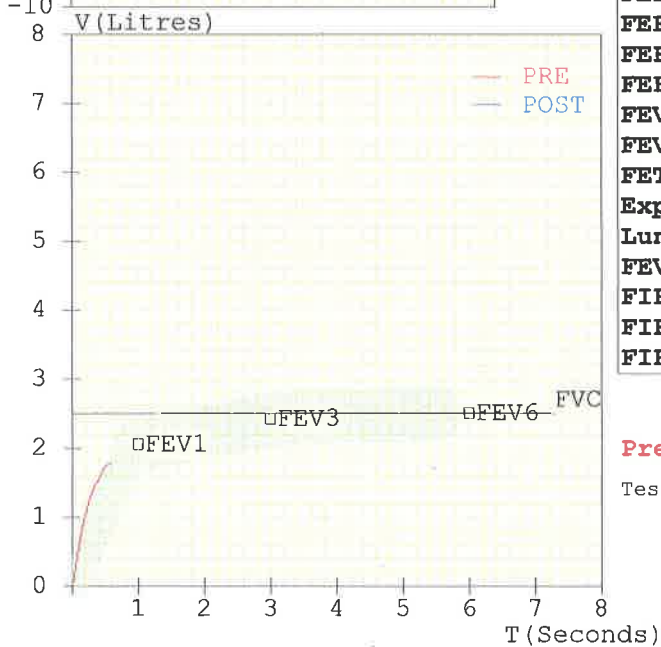
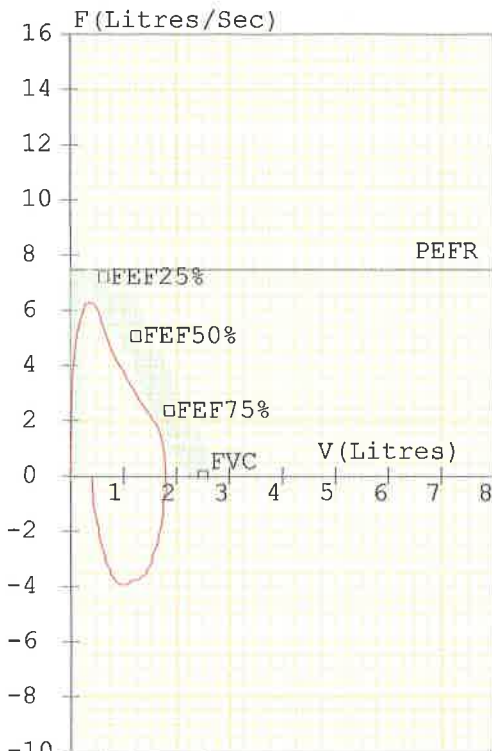
Annexure : IV

Ultracare Diagnostic Centre

Survey, Beltola, Ghy-28

Patient: LANKESHWAR BORDOLOI
 Refd. By: DALMIA
 Pred.Eqns: RECORDERS
 Date : 17-Mar-2023 05:05 PM

Age : 43 Years Gender : Male
 Height : 152 Cms Smoker : No
 Weight : 55 Kgs Eth. Corr: 100
 ID: 4343 3 Temp :



Spirometry (FVC Results)

Parameter	Pred	M. Pre	%Pred	M. Post	%Pred	%Imp
FVC (L)	02.51	01.79	071	---	---	---
FEV1 (L)	02.05	01.79	087	---	---	---
FEV1/FVC (%)	81.67	100.00	122	---	---	---
FEF25-75 (L/s)	03.46	03.93	114	---	---	---
PEFR (L/s)	07.47	06.25	084	---	---	---
FIVC (L)	-----	01.38	---	---	---	---
FEV.5 (L)	-----	01.74	---	---	---	---
FEV3 (L)	02.43	01.79	074	---	---	---
PIFR (L/s)	-----	03.92	---	---	---	---
FEF75-85 (L/s)	-----	02.25	---	---	---	---
FEF.2-1.2 (L/s)	05.77	04.59	080	---	---	---
FEF 25% (L/s)	07.19	06.17	086	---	---	---
FEF 50% (L/s)	05.06	04.08	081	---	---	---
FEF 75% (L/s)	02.34	02.61	112	---	---	---
FEV.5/FVC (%)	-----	97.21	---	---	---	---
FEV3/FVC (%)	96.81	100.00	103	---	---	---
FET (Sec)	-----	00.57	---	---	---	---
ExplTime (Sec)	-----	00.06	---	---	---	---
Lung Age (Yrs)	043	049	114	---	---	---
FEV6 (L)	02.51	-----	---	---	---	---
FIF25% (L/s)	-----	01.26	---	---	---	---
FIF50% (L/s)	-----	03.03	---	---	---	---
FIF75% (L/s)	-----	03.74	---	---	---	---

Pre Test COPD Severity

Test within normal limits

Pre Medication Report Indicates

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

Scan QR Code to check if your report is changed/tampered

Reports without QR Code is not valid

BEITOLA CENTRE

Survey, Ph. No. : 70020 55506

BASISTHA CHARALI CENTRE

Megha Plaza, Ph. No. : 70990 30599

SIXMILE CENTRE

V.I.P. Road, Ph. No. : 70990 30399

Patient ID : 243044/454695

Name : LANKESHWAR BORDOLOI

Age / Sex : 43 years / Male

Ref. By : Dalmia Cement Bharat Limited

Org : Dalmia Cement Bharat Limited

Bill Date : 18/03/2023, 06:37 PM

Collection Time : 18/03/2023, 06:37 PM

Reporting Time : 24/03/2023, 10:48 AM

Primary Sample : -

X - RAY - CHEST PA VIEW

Lung fields appear clear.

Hila are normal.

Cardiac silhouette appear normal.

Aorta appears normal.

Hemi diaphragms are normal in relative position & contour.

C. P. angles appear clear.

Trachea is central.

Bony thorax appears intact.

****END OF REPORT****


Dr. Anrudh More, DMRD, DNB
(Consultant Radiologist)

Annexure: IV

SEWAR BORDOLOI Male 43 YRS 88 61.5 %
17/03/2023 17:12:42
CARE DIAGNOSTIC CENTRE, BELTOLA, GUWAHATI

Annexure : V



C CORPORATE

S SOCIAL

R RESPONSIBILITY

CSR REPORT

Dalmia Bharat Foundation, Jagiroad

CREATING OPPORTUNITIES, ACHIEVING POTENTIAL

GIVING BACK TO THE SOCIETY

2022-2023

We truly believe in giving back to society and improving communities through sustainable development programmed as a responsible business citizen. Our foundation has been striving to empower people, promote healthcare, education, and environmental sustainability in order to create a better and brighter future for everyone. We are excited to share with you our advancements and successes from the previous year. We believe that this report will help you better understand our dedication to creating a sustainable and inclusive future for everyone.



Refurbishment of Community Hall and Public Facilitation Centre



The renovated hall serves as a waiting area for the public and is a part of a government complex in Morigaon that houses a number of offices. The Morigaon SP office is in charge of maintaining this. Some repairs and renovations have been made as part of the project. This is an old permanent structure, and producing temporary tents, which require higher use of plastic, throwaway binding packaging, or other short-lived supplies, is less environmentally beneficial. The entire neighbourhood benefits from facility improvements. The expense of creating temporary tents for different events will be reduced. The hall was in a terrible state until we took action. The huge public gathering has benefited from the hall's repairs by having a place to wait and relax.



Hand Pump at Jagi Bhakatgaon Public

Rural sanitation has been one of the prime focuses of Dalmia Bharat Foundation. In sync with the Swachh Bharat Mission of the Government of India, various sanitation awareness campaigns and rallies have been organized in the neighboring villages on a regular mode. As a part of the campaign, one public toilet block and a hand pump are planned to construct at Jagi Bhakatgaon Market Chariali, Jagiroad Assam. However, at the same time, they have raised the concern of the water requirement for that particular toilet as there are no water facilities nearby and requested providing one hand pump so that this toilet can maintain cleanliness/hygiene. The overall objective of the project is to promote sanitation and hygiene among the market shopkeepers. Construction of this facility would solve the problem of local people. The facility will be used by the entire community of Jagi Bhakatgaon market people and neighboring villagers.



Renovation Work of Jagi Bhakatgaon Anchalik Sanskritik Bhawan



As a community institution, upgrading the space will be advantageous for the whole neighbourhood. Making temporary tents for various events will result in cost savings for the community. The hall is currently in a terrible state. The Sanskritik Bhawan will be renovated to better accommodate the big public gathering while they wait and engage in cultural events. The local community uses this auditorium, one of the most significant ones nearby, for various cultural training programmes, meetings, workshops, etc. The environment will benefit more from a permanent building. In order to create temporary tents, additional plastic, throwaway packaging, or other transient products are used.



Renovation Work of Baghjap Art and Culture Community Hall



We have provided the roofing work along with required truss for the Baghjap Art & Cultural community hall which is basically used by the near by villagers for different cultural activity



Renovation Work of Rupjyoti Sangha & Puthivaral, Bherber



We have renovated the Rupjyoti Sangha & Puthivaral hall flooring work which is basically used for cultrate activity of near by villagers



Thank You

Annexure :VI

Date : 29-03-2023 TIME : 09:56 PM

parameter	APCD	Unit	Current	Limits
Opacity	-	mg/Nm	12.43	30
PM10_AL	-	ug/m3	57.04	100
PM2.5_AL	-	ug/m3	16.03	60
NOX_AL	-	ug/m3	8.57	80
SO2_AL	-	ug/m3	1.7	60