

Ref: AIL/EC/EHS/2024-25/47

Dated: 29/11/2024

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 01.04.2024 to 30.09.2024 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 CB, Haibqrgaon, Nagon, Assam — 782002

Alsthom Industries Limited

Subsidiary of Dalmia Cement (Bharat) Limited

District- Morigaon - 782411(Assam) India

W: www.dalmiacement.com GIN: U26100AS2016PLC017668

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

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A Dalmia Bharat Group company, www.dalmiabharat.com

**SIX MONTHLY COMPLIANCE
REPORT
(April - 2024 TO Sep-2024)**

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: April 2024 to Sep 2024)

**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 - Jagibhakat, Dist. – Morigaon, Assam – 782410

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

Period of Compliance –April 2024 to Sep 2024

EC to 1540TPD Cement Grinding Unit at Vill - Baghjap, PO - Jagibhakat, 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 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 in 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.</p>	<p>Complied</p> <ul style="list-style-type: none"> ➤ Installed 12 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.

Pneumatic system shall be used for fly ash handling.

➤ Covered sheds for storage of raw materials
- Clinker, Fly ash & gypsum is provided.

➤ Cement are stored in silos.




5.

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.

Complied


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.



		
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.	Complied <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.	Complied 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.
9.	Asphalting/ concreting of roads and water spray all around the critical areas prone to air pollution and having high levels of SPM and RPM shall be ensured.	Complied
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	Complied 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

	by the unit, the unit shall be immediately put out of operation and shall not be restated until the desired efficiency has been achieved.	pollution control system.
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"> ➤ Captive power plant is not constructed yet. We are running the plant through APDCL Power. DG as a standby for lighting power only. ➤ 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	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

	Board.	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 Pozollona 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/ afforestation/ 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>Till Now we have planted approx. 1320 Plants with an area of 8700 Sq Mtr</p>  <p>New Bamboo Plantation</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.	<p>The project authority should strictly comply with the provisions made in Manufacture, Storage & Import of</p>	<p>Complying</p>

	Hazardous Chemicals Rules 1989 as amended and the Public Liability Insurance Act for hazardous chemicals etc.	
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) 80 lacs budgetary provision has been made which is subject to revision based on various need base study. Under CSR Activity we have set up one Diksha Centre in Jagiroad Town which facilitate 3-Technical Courses Viz Computer, Electrical & Solar and thus continuous effort is made for improvement of livelihood. Moreover, Villagers are trained in Bamboo Cultivations & Training is imparted to Village women for making different Jewelry from Bamboo for making earnings.
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 maximum ground level concentration of PM ₁₀ , PM _{2.5} , SO ₂ and NO _x are anticipated in consultation with the Pollution Control Board. Data or 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>Complied</p> <p>Plant commenced production on 19th 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.	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>Complied</p> <p>As our process is dry process, we are not discharging any industrial waste water.</p>
5.	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 confirm to the standards prescribed under Environmental (Protection) Act, 1986 Rules, 1989 viz. 75 dBA (night time).	<p>Complied</p> <p>Noise Monitoring report is attached as Annexure-I</p>
6.	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>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.	The company shall undertake Eco-development measures including	<p>Complied</p> <p>In spite of the restrictions faced during the</p>

	community welfare measures in the project area.	<p>second wave, several initiatives were undertaken to help local communities. We also continued our broader CSR programmes focused on areas of education, skill development, health and the environment. Our overarching endeavor through these 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. 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,	<p>Complied</p> <p>Criteria pollutant levels namely: SPM, RSPM (PM₁₀/ PM_{2.5}), SO₂, NOX (ambient levels as</p>

	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 (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	well as stack emissions) or critical sectorial parameters, indicated are being monitored and displayed at near the main gate of the company in the public domain. Kindly find 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 (Prevention and the control of Pollution) Act, 1986 and the Public Liability Insurance Act, 1991 along with their amendments and rules.	Noted for Compliance

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





Annux - III

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>	103
Grand Total		1320 Nos (8700 Sq Mtr)

Format No.: ENV/R/TR/19/AA-01

Rev. No.: 00

AMBIENT AIR TEST REPORT

ULR No.	NA		
Report No.	ENV/TR/AIL/24-25/A-05	Issue Date	07/10/2024
Order No.	4560001322/288	Order Date	05/09/2024
Report Issued To	ALSTHOM INDUSTRIES LIMITED Village: Baghjap, P. O.: Jagibhakat, Dist.: Morigaon, Assam- 782410		

Sample Ref. No.:	AIL/A-240925/01	Sample Source#:	Near MRSS (Lat- 26.1684N, Long- 92.21498E)	Sample Type#:	Ambient Air
Date of Sampling:	25.09.2024	Sample Receipt Date:	28.09.2024	Instrument Used:	ENV/AS/01, ENV/RDS/01, ENV/GSA/01
Analysis Start Date:	30.09.2024	Analysis End Date:	04.10.2024	Sampled By:	Bidyut Kalita, Envirocon
Environmental conditions during sampling:	T-35°C & RH-79%	Sampling Plan/Sapling Method:		ENV/SOP/A-01	

TEST RESULTS

Sl. No.	Parameters	Test Method	Results	Units	Limits*
1.	Particulate Matter (size less than 2.5 µm) or PM _{2.5}	IS 5182 (Part 24)	19.2	µg/m ³	60 (24 Hours Average)
2.	Particulate Matter (size less than 10 µm) or PM ₁₀	IS 5182 (Part 23)	47.6	µg/m ³	100 (24 Hours Average)
3.	Sulphur Dioxide (as SO ₂)	IS 5182 (Part 2)	7.2	µg/m ³	80 (24 Hours Average)
4.	Nitrogen Dioxide (as NO ₂)	IS 5182 (Part 6)	8.3	µg/m ³	80 (24 Hours Average)

NA: Not Applicable, BDL: Below Detectable Limit, MDL: Minimum Detectable Limit

Information provided by the customer for which laboratory has no control.

* Limits as per G.S.R. 826(E), 16.11.2009

*****End of Report*****



Authorised Signatory: Mr. Pankaj Baroi (Director)

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.
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Format No.: ENV/R/TR/19/AA-01

Rev. No.: 00

AMBIENT AIR TEST REPORT

ULR No.	NA		
Report No.	ENV/TR/AIL/24-25/A-06	Issue Date	07/10/2024
Order No.	4560001322/288	Order Date	05/09/2024
Report Issued To	ALSTHOM INDUSTRIES LIMITED Village: Baghjap, P. O.: Jagibhakat, Dist.: Morigaon, Assam- 782410		

Sample Ref. No.:	AIL/A-240925/02	Sample Source#:	Near Compressor House (Lat- 26.16802N, Long- 92.21422E)	Sample Type#:	Ambient Air
Date of Sampling:	25.09.2024	Sample Receipt Date:	28.09.2024	Instrument Used:	ENV/AS/02, ENV/RDS/02, ENV/GSA/02
Analysis Start Date:	30.09.2024	Analysis End Date:	04.10.2024	Sampled By:	Bidyut Kalita, Envirocon
Environmental conditions during sampling:	T-35°C & RH-79%	Sampling Plan/Sapling Method:		ENV/SOP/A-01	

TEST RESULTS

Sl. No.	Parameters	Test Method	Results	Units	Limits*
1.	Particulate Matter (size less than 2.5 µm) or PM _{2.5}	IS 5182 (Part 24)	21.5	µg/m ³	60 (24 Hours Average)
2.	Particulate Matter (size less than 10 µm) or PM ₁₀	IS 5182 (Part 23)	49.6	µg/m ³	100 (24 Hours Average)
3.	Sulphur Dioxide (as SO ₂)	IS 5182 (Part 2)	7.9	µg/m ³	80 (24 Hours Average)
4.	Nitrogen Dioxide (as NO ₂)	IS 5182 (Part 6)	9.2	µg/m ³	80 (24 Hours Average)

NA: Not Applicable, BDL: Below Detectable Limit, MDL: Minimum Detectable Limit

Information provided by the customer for which laboratory has no control.

* Limits as per G.S.R. 826(E), 16.11.2009

*****End of Report*****



Authorised Signatory: Mr. Pankaj Baroi (Director)

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.

Format No.: ENV/R/TR/19/AA-01

Rev. No.: 00

AMBIENT AIR TEST REPORT

ULR No.	NA		
Report No.	ENV/TR/AIL/24-25/A-07	Issue Date	07/10/2024
Order No.	4560001322/288	Order Date	05/09/2024
Report Issued To	ALSTHOM INDUSTRIES LIMITED Village: Baghjap, P. O.: Jagibhakat, Dist.: Morigaon, Assam- 782410		

Sample Ref. No.:	AIL/A-240926/01	Sample Source#:	Near Packing Area (Lat- 26.16856N, Long- 92.21414E)	Sample Type#:	Ambient Air
Date of Sampling:	26.09.2024	Sample Receipt Date:	28.09.2024	Instrument Used:	ENV/AS/02, ENV/RDS/02, ENV/GSA/02
Analysis Start Date:	30.09.2024	Analysis End Date:	04.10.2024	Sampled By:	Bidyut Kalita, Envirocon
Environmental conditions during sampling:	T-34°C & RH-78%	Sampling Plan/Sapling Method:			ENV/SOP/A-01

TEST RESULTS

Sl. No.	Parameters	Test Method	Results	Units	Limits*
1.	Particulate Matter (size less than 2.5 µm) or PM _{2.5}	IS 5182 (Part 24)	24.7	µg/m ³	60 (24 Hours Average)
2.	Particulate Matter (size less than 10 µm) or PM ₁₀	IS 5182 (Part 23)	53.5	µg/m ³	100 (24 Hours Average)
3.	Sulphur Dioxide (as SO ₂)	IS 5182 (Part 2)	7.7	µg/m ³	80 (24 Hours Average)
4.	Nitrogen Dioxide (as NO ₂)	IS 5182 (Part 6)	8.9	µg/m ³	80 (24 Hours Average)

NA: Not Applicable, BDL: Below Detectable Limit, MDL: Minimum Detectable Limit

Information provided by the customer for which laboratory has no control.

* Limits as per G.S.R. 826(E), 16.11.2009

*****End of Report*****



Authorised Signatory: Mr. Pankaj Baroi (Director)

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Format No.: ENV/R/TR/19/AA-01

Rev. No.: 00

AMBIENT AIR TEST REPORT

ULR No.	NA		
Report No.	ENV/TR/AIL/24-25/A-08	Issue Date	07/10/2024
Order No.	4560001322/288	Order Date	05/09/2024
Report Issued To	ALSTHOM INDUSTRIES LIMITED Village: Baghjap, P. O.: Jagibhakat, Dist.: Morigaon, Assam- 782410		

Sample Ref. No.:	AIL/A-240926/02	Sample Source#:	Near Water Pump House (Lat- 26.16867N, Long- 92.21515E)	Sample Type#:	Ambient Air
Date of Sampling:	26.09.2024	Sample Receipt Date:	28.09.2024	Instrument Used:	ENV/AS/01, ENV/RDS/01, ENV/GSA/01
Analysis Start Date:	30.09.2024	Analysis End Date:	04.10.2024	Sampled By:	Bidyut Kalita, Envirocon
Environmental conditions during sampling:	T-34°C & RH-78%	Sampling Plan/Sapling Method:		ENV/SOP/A-01	

TEST RESULTS

Sl. No.	Parameters	Test Method	Results	Units	Limits*
1.	Particulate Matter (size less than 2.5 µm) or PM _{2.5}	IS 5182 (Part 24)	22.1	µg/m ³	60 (24 Hours Average)
2.	Particulate Matter (size less than 10 µm) or PM ₁₀	IS 5182 (Part 23)	49.8	µg/m ³	100 (24 Hours Average)
3.	Sulphur Dioxide (as SO ₂)	IS 5182 (Part 2)	7.1	µg/m ³	80 (24 Hours Average)
4.	Nitrogen Dioxide (as NO ₂)	IS 5182 (Part 6)	7.9	µg/m ³	80 (24 Hours Average)

NA: Not Applicable, BDL: Below Detectable Limit, MDL: Minimum Detectable Limit

Information provided by the customer for which laboratory has no control.

* Limits as per G.S.R. 826(E), 16.11.2009

*****End of Report*****



Authorised Signatory: Mr. Pankaj Baroi (Director)

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Format No.: ENV/R/TR/19/FE-01

Rev. No.: 00

FUGITIVE EMISSION TEST REPORT

ULR No.	NA		
Report No.	ENV/TR/AIL/24-25/FE-03	Issue Date	07/10/2024
Order No.	4560001322/288	Order Date	05/09/2024
Report Issued To	ALSTHOM INDUSTRIES LIMITED Village: Baghjap, P. O.: Jagibhakat, Dist.: Morigaon, Assam- 782410		

Sample Ref. No.:	AIL/FE-240925/01	Sample Source#:	Raw Material Handling	Sample Type#:	Fugitive Air
Date of Sampling:	25.09.2024	Sample Receipt Date:	28.09.2024	Instrument Used:	ENV/RDS/03
Analysis Start Date:	30.09.2024	Analysis End Date:	02.10.2024	Sampled By:	Bidyut Kalita, Envirocon
Environmental conditions during sampling:	T-35°C & RH-79%	Sampling Plan/Sapling Method:	ENV/SOP/A-01		

TEST RESULTS

Sl. No.	Parameters	Test Method	Results	Units	Limits*
1.	Suspended Particulate Matter or SPM	IS 5182 (Part 4)	296	µg/m ³	2000 (24 Hours Average)

NA: Not Applicable, BDL: Below Detectable Limit, MDL: Minimum Detectable Limit

Information provided by the customer for which laboratory has no control.

* Limits as per CPCPB norms.

*****End of Report*****



Authorised Signatory: Mr. Pankaj Baroi (Director)

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Format No.: ENV/R/TR/19/FE-01

Rev. No.: 00

FUGITIVE EMISSION TEST REPORT

ULR No.	NA		
Report No.	ENV/TR/AIL/24-25/FE-04	Issue Date	07/10/2024
Order No.	4560001322/288	Order Date	05/09/2024
Report Issued To	ALSTHOM INDUSTRIES LIMITED Village: Baghjap, P. O.: Jagibhakat, Dist.: Morigaon, Assam- 782410		

Sample Ref. No.:	AIL/FE-240926/02	Sample Source#:	Fly Ash Storage Area	Sample Type#:	Fugitive Air
Date of Sampling:	26.09.2024	Sample Receipt Date:	28.09.2024	Instrument Used:	ENV/RDS/03
Analysis Start Date:	30.09.2024	Analysis End Date:	02.10.2024	Sampled By:	Bidyut Kalita, Envirocon
Environmental conditions during sampling:	T-35°C & RH-79%	Sampling Plan/Sapling Method:		ENV/SOP/A-01	

TEST RESULTS

Sl. No.	Parameters	Test Method	Results	Units	Limits*
1.	Suspended Particulate Matter or SPM	IS 5182 (Part 4)	642	µg/m ³	5000 (24 Hours Average)

NA: Not Applicable, BDL: Below Detectable Limit, MDL: Minimum Detectable Limit

Information provided by the customer for which laboratory has no control.

* Limits as per CPCB norms.

*****End of Report*****



Authorised Signatory: Mr. Pankaj Baroi (Director)

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Format No.: ENV/R/TR/19/N-01

Rev. No.: 00

NOISE LEVEL TEST REPORT

ULR No.	NA		
Report No.	ENV/TR/AIL/24-25/N-04	Issue Date	07/10/2024
Order No.	4560001322/288	Order Date	05/09/2024
Report Issued To	ALSTHOM INDUSTRIES LIMITED Village: Baghjap, P. O.: Jagibhakat, Dist.: Morigaon, Assam- 782410		

Sample Type#:	Ambient Noise	Category of Area/Zone#:	Industrial Area	Date of Monitoring:	25.09.2024
Sound Meter Used:	SL-4030/Lutron	Sampled By:	Bidyut Kalita, Envirocon		

TEST RESULTS

Sl. No.	Locations	Time Duration	Test Method	Result Leq dB (A)
1.	MRSS	Day Time	IS 9989 (RA 2020)	64.2
2.	Main Gate	Day Time	IS 9989 (RA 2020)	59.6
3.	Near Pump House	Day Time	IS 9989 (RA 2020)	72.4
4.	Near Cement Mill	Day Time	IS 9989 (RA 2020)	80.6
5.	Near Compressor	Day Time	IS 9989 (RA 2020)	69.5
6.	Near Packing Area	Day Time	IS 9989 (RA 2020)	72.9
7.	Near Mechanical Workshop	Day Time	IS 9989 (RA 2020)	64.6
8.	Fly Ash Area	Day Time	IS 9989 (RA 2020)	55.8

NA: Not Applicable

Information provided by the customer for which laboratory has no control.

Limit :

Category of Area/ Zone	Limit in dB (A) L_{eq}	
	Day Time	Night Time
Industrial Area	75	70
Commercial Area	65	55
Residential Area	55	45
Silence Zone	50	40

*****End of Report*****



Authorised Signatory: Mr. Pankaj Baroi (Director)

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Format No.: ENV/R/TR/19/N-01

Rev. No.: 00

NOISE LEVEL TEST REPORT

ULR No.	NA		
Report No.	ENV/TR/AIL/24-25/N-05	Issue Date	07/10/2024
Order No.	4560001322/288	Order Date	05/09/2024
Report Issued To	ALSTHOM INDUSTRIES LIMITED Village: Baghjap, P. O.: Jagibhakat, Dist.: Morigaon, Assam- 782410		

Sample Type#:	Ambient Noise	Category of Area/Zone#:	Industrial Area	Date of Monitoring:	26.09.2024
Sound Meter Used:	SL-4030/Lutron	Sampled By:	Bidyut Kalita, Envirocon		

TEST RESULTS

Sl. No.	Locations	Time Duration	Test Method	Result Leq dB (A)
1.	MRSS	Night Time	IS 9989 (RA 2020)	53.1
2.	Main Gate	Night Time	IS 9989 (RA 2020)	48.6
3.	Near Pump House	Night Time	IS 9989 (RA 2020)	67.2
4.	Near Cement Mill	Night Time	IS 9989 (RA 2020)	78.9
5.	Near Compressor	Night Time	IS 9989 (RA 2020)	64.8
6.	Near Packing Area	Night Time	IS 9989 (RA 2020)	67.8
7.	Near Mechanical Workshop	Night Time	IS 9989 (RA 2020)	58.3
8.	Fly Ash Area	Night Time	IS 9989 (RA 2020)	46.5

NA: Not Applicable

Information provided by the customer for which laboratory has no control.

Limit:

Category of Area/ Zone	Limit in dB (A) L_{eq}	
	Day Time	Night Time
Industrial Area	75	70
Commercial Area	65	55
Residential Area	55	45
Silence Zone	50	40

*****End of Report*****



Authorised Signatory: Mr. Pankaj Baroi (Director)

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Format No.: ENV/R/TR/19/N-01

Rev. No.: 00

NOISE LEVEL TEST REPORT

ULR No.	NA		
Report No.	ENV/TR/AIL/24-25/N-06	Issue Date	07/10/2024
Order No.	4560001322/288	Order Date	05/09/2024
Report Issued To	ALSTHOM INDUSTRIES LIMITED Village: Baghjap, P. O.: Jagibhakat, Dist.: Morigaon, Assam- 782410		

Sample Type#:	Genset Noise	Category of Area/Zone#:	DG Set	Date of Monitoring:	26.09.2024
Sound Meter Used:	SL-4030/Lutron	Sampled By:	Bidyut Kalita, Envirocon		

TEST RESULTS

Sl. No.	Locations	Time Duration	Test Method	Result Leq, dB (A)
1.	D.G. Set- 380 KVA/304 KW	Day Time	IS 9989 (RA 2020)	74.1

NA: Not Applicable

Information provided by the customer for which laboratory has no control.

Limit : 75 db(A) at 1 meter distance as per CPCB norms.

*****End of Report*****



Authorised Signatory: Mr. Pankaj Baroi (Director)

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Format No.: ENV/R/TR/19/SE-01

Rev. No.: 00

STACK EMISSION TEST REPORT

ULR No.	NA		
Report No.	ENV/TR/AIL/24-25/SE-03	Issue Date	07/10/2024
Order No.	4560001322/288	Order Date	05/09/2024
Report Issued To	ALSTHOM INDUSTRIES LIMITED Village: Baghjap, P. O.: Jagibhakat, Dist.: Morigaon, Assam- 782410		

Sample Ref. No.:	AIL/SE-240925/01	Sample Source:	D.G. Set- 380 KVA/304 KW	Material of Construction:	M. S.
Shape of Stack:	Circular	Stack Height & Diameter:	7.0 m & 8.0 inch	Fuel Used:	H. S. D
Sampling Date:	25.09.2024	Sample Receipt Date:	28.09.2024	Instrument Used:	ENV/SMK/01 & ENV/GA/01
Analysis Start Date:	30.09.2024	Analysis End Date:	04.10.2024	Sampled By:	Bidyut Kalita, Envirocon

TEST RESULTS

Sl. No.	Parameters	Test Method	Results	Units	Limits*
1.	Stack Gas Temperature	IS 11255 (Part 3)	187	°C	NA
2.	Stack Gas Velocity	IS 11255 (Part 3)	16.2	m/s	NA
3.	Stack Gas Flow Rate	IS 11255 (Part 3)	1226	Nm ³ /hr	NA
4.	Particulate Matter	IS 11255 (Part 1)	0.016	g/kW-hr	0.02
5.	Sulphur Dioxide (as SO ₂)	Electrochemical Sensor	4	ppmv	NA
6.	Oxides of Nitrogen (as NO _x)	Electrochemical Sensor	0.32	g/kW-hr	0.40
7.	Carbon Monoxide (as CO)	Electrochemical Sensor	1.83	g/kW-hr	3.5
8.	Oxygen (as O ₂)	Electrochemical Sensor	13.9	%	NA
9.	Carbon Dioxide (as CO ₂)	Electrochemical Sensor	6.5	%	NA

NA: Not Applicable, BDL: Below Detectable Limit, MDL: Minimum Detectable Limit

* Limits as per G.S.R. 804(E), Dated: 03.11.2022

*****End of Report*****



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Format No.: ENV/R/TR/19/SE-01

Rev. No.: 00

STACK EMISSION TEST REPORT

ULR No.	NA		
Report No.	ENV/TR/AIL/24-25/SE-04	Issue Date	07/10/2024
Order No.	4560001322/288	Order Date	05/09/2024
Report Issued To	ALSTHOM INDUSTRIES LIMITED Village: Baghchap, P. O.: Jagibhakat, Dist.: Morigaon, Assam- 782410		

Sample Ref. No.:	AIL/SE-240925/02	Sample Source:	Cement Mill	Material of Construction:	M. S.
Shape of Stack:	Circular	Stack Height & Diameter:	32 m & 1.0 m	Fuel Used:	NA
Sampling Date:	25.09.2024	Sample Receipt Date:	28.09.2024	Instrument Used:	ENV/SMK/01 & ENV/GA/01
Analysis Start Date:	30.09.2024	Analysis End Date:	04.10.2024	Sampled By:	Bidyut Kalita, Envirocon

TEST RESULTS

Sl. No.	Parameters	Test Method	Results	Units	Limits*
1.	Stack Gas Temperature	IS 11255 (Part 3)	74	°C	NA
2.	Stack Gas Velocity	IS 11255 (Part 3)	4.7	m/s	NA
3.	Stack Gas Flow Rate	IS 11255 (Part 3)	11414	Nm ³ /hr	NA
4.	Particulate Matter	IS 11255 (Part 1)	12.6	mg/Nm ³	30
5.	Oxides of Sulphur (as SO ₂)	IS 11255 (Part 2)	BDL [MDL=5.0]	mg/Nm ³	1000
6.	Oxides of Nitrogen (as NO _x)	IS 11255 (Part 7)	BDL [MDL=5.0]	mg/Nm ³	800
7.	Oxygen (as O ₂)	Electrochemical Sensor	13.4	%	NA

NA: Not Applicable, BDL: Below Detectable Limit, MDL: Minimum Detection Limit

* Limits as per CPCB norms.

*****End of Report*****



Authorised Signatory: Mr. Pankaj Baroi (Director)

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Format No.: ENV/R/TR/19/RW-01

Rev. No.: 00

RAW WATER TEST REPORT

ULR No.	NA		
Report No.	ENV/TR/AIL/24-25/RW-02	Issue Date	07/10/2024
Order No.	4560001322/288	Order Date	05/09/2024
Report Issued To	ALSTHOM INDUSTRIES LIMITED Village: Baghjap, P. O.: Jagibhakat, Dist.: Morigaon, Assam- 782410		

Sample Ref. No. :	AIL/RW-240926/01	Sample Type# :	Raw Water/Ground Water
Sample Source# :	Bore-well	Sample Quantity :	2000 ml
Date & Time of Sampling:	26.09.2024, 6:00 PM	Date & Time of Sample Receipt :	28.09.2024, 10:00 AM
Environmental Conditions During Sampling :	T-35°C & RH-79%	Sampling Plan/Sampling Method :	ENV/SOP/W-01
Instrument Used for Sampling :	PE Bottle	Sampled By :	Bidyut Kalita, Envirocon
Analysis Start Date :	28.10.2024	Analysis End Date :	05.10.2024

TEST RESULTS

Sl. No.	Parameters	Test Method	Results	Units	Acceptable Limit*	Permissible Limit* in the Absence of Alternate Source
1.	Colour	IS 3025 (Part 4)	6	PCU	5	15
2.	Odour	IS 3025 (Part 05)	Odourless	-	Agreeable	Agreeable
3.	Taste	IS 3025 (Part 07)	Tasteless	-	Agreeable	Agreeable
4.	Turbidity	IS 3025 (Part 10)	1.32	NTU	1	5
5.	pH	IS 3025 (Part 11)	6.76 at 25.4°C	-	6.5 – 8.5	No Relaxation
6.	Total Dissolved Solids	IS 3025 (Part 16)	82	mg/l	500	2000
7.	Aluminium (as Al)	IS 3025 (Part 55)	BDL[MDL=0.001]	mg/l	0.03	0.2
8.	Boron (as B)	IS 3025 (Part 57)	BDL[MDL=0.001]	mg/l	0.5	1.0
9.	Calcium (as Ca)	IS 3025 (Part 40)	39	mg/l	75	200
10.	Chloride (as Cl)	IS 3025 (Part 32)	6.1	mg/l	250	1000
11.	Copper (as Cu)	IS 3025 (Part 42)	BDL[MDL=0.001]	mg/l	0.05	1.5
12.	Fluorides (as F)	IS 3025 (Part 60)	0.5	mg/l	1.0	1.5
13.	Free Residual Chlorine	IS 3025 (Part 26)	BDL[MDL=0.01]	mg/l	0.2	1
14.	Iron (as Fe)	IS 3025 (Part 53)	0.22	mg/l	0.3	No Relaxation
15.	Magnesium (as Mg)	IS 3025 (Part 46)	10	mg/l	30	100
16.	Manganese (as Mn)	IS 3025 (Part 59)	BDL[MDL=0.001]	mg/l	0.1	0.3
17.	Zinc (as Zn)	IS 3025 (Part 49)	BDL[MDL=0.01]	mg/l	5.0	15
18.	Nitrate (as NO ₃)	IS 3025 (Part 34)	BDL[MDL=0.1]	mg/l	45	No Relaxation
19.	Phenolic Compound (as C ₆ H ₅ OH)	IS 3025 (Part 43)	BDL[MDL=0.001]	mg/l	0.001	0.002
20.	Sulfate (as SO ₄)	IS 3025 (Part 24)	21	mg/l	200	400



Authorised Signatory: Mr. Pankaj Baroi (Director)

Page 1 of 2

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Annexure : III

DATALOGGER ID	DATE/TIME	BATTERY V	WATER LEVEL (mWC)	TEMPERATURE (degC)	BAROMETRIC (hPa)
BE1424	4/1/2024 6:00	7.16	-8.24E+00	25.5	995.5
BE1424	4/1/2024 18:00	7.17	-8.27E+00	25.5	993.3
BE1424	4/2/2024 6:00	7.16	-8.21E+00	25.5	995.9
BE1424	4/2/2024 18:00	7.17	-8.26E+00	25.5	994
BE1424	4/3/2024 6:00	7.16	-8.21E+00	25.5	998.2
BE1424	4/3/2024 18:00	7.17	-8.26E+00	25.5	996.9
BE1424	4/4/2024 6:00	7.16	-8.21E+00	25.5	998
BE1424	4/4/2024 18:00	7.17	-8.30E+00	25.5	997.1
BE1424	4/5/2024 6:00	7.16	-8.25E+00	25.5	998.5
BE1424	4/5/2024 18:00	7.17	-8.30E+00	25.5	995.5
BE1424	4/6/2024 6:00	7.16	-8.28E+00	25.5	997.3
BE1424	4/6/2024 18:00	7.17	-8.33E+00	25.5	993.9
BE1424	4/7/2024 6:00	7.17	-8.30E+00	25.5	995.3
BE1424	4/7/2024 18:00	7.17	-8.38E+00	25.5	993.6
BE1424	4/8/2024 6:00	7.16	-8.31E+00	25.5	998.6
BE1424	4/8/2024 18:00	7.17	-8.37E+00	25.5	1000
BE1424	4/9/2024 6:00	7.17	-8.35E+00	25.5	1000.9
BE1424	4/9/2024 18:00	7.17	-8.44E+00	25.5	999.8
BE1424	4/10/2024 6:00	7.17	-8.40E+00	25.5	1002.1
BE1424	4/10/2024 18:00	7.17	-8.46E+00	25.5	1000.3
BE1424	4/11/2024 6:00	7.17	-8.41E+00	25.5	1004.2
BE1424	4/11/2024 18:00	7.17	-8.41E+00	25.5	1001.2
BE1424	4/12/2024 6:00	7.16	-8.32E+00	25.5	1003.4
BE1424	4/12/2024 18:00	7.17	-8.33E+00	25.5	1000.4
BE1424	4/13/2024 6:00	7.17	-8.25E+00	25.5	1003
BE1424	4/13/2024 18:00	7.17	-8.34E+00	25.5	1000
BE1424	4/14/2024 6:00	7.17	-8.28E+00	25.5	1002.2
BE1424	4/14/2024 18:00	7.18	-8.38E+00	25.5	1000.2
BE1424	4/15/2024 6:00	7.17	-8.30E+00	25.5	1001.6
BE1424	4/15/2024 18:00	7.17	-8.37E+00	25.5	998.6
BE1424	4/16/2024 6:00	7.17	-8.32E+00	25.5	1000.1
BE1424	4/16/2024 18:00	7.17	-8.40E+00	25.5	997.1
BE1424	4/17/2024 6:00	7.16	-8.38E+00	25.5	998
BE1424	4/17/2024 18:00	7.17	-8.46E+00	25.5	994.8
BE1424	4/18/2024 6:00	7.16	-8.40E+00	25.5	998.2
BE1424	4/18/2024 18:00	7.17	-8.50E+00	25.5	995.7
BE1424	4/19/2024 6:00	7.17	-8.44E+00	25.5	994.7
BE1424	4/19/2024 18:00	7.18	-8.50E+00	25.5	992.2
BE1424	4/20/2024 6:00	7.17	-8.42E+00	25.5	993.8
BE1424	4/20/2024 18:00	7.17	-8.38E+00	25.5	990.9
BE1424	4/21/2024 6:00	7.16	-8.31E+00	25.5	994.2
BE1424	4/21/2024 18:00	7.18	-8.35E+00	25.5	991.4
BE1424	4/22/2024 6:00	7.16	-8.29E+00	25.5	995.8
BE1424	4/22/2024 18:00	7.18	-8.32E+00	25.5	994.1
BE1424	4/23/2024 6:00	7.17	-8.29E+00	25.5	994.4
BE1424	4/23/2024 18:00	7.17	-8.34E+00	25.5	993.1
BE1424	4/24/2024 6:00	7.17	-8.27E+00	25.5	993
BE1424	4/24/2024 18:00	7.18	-8.31E+00	25.5	991.1

BE1424	4/25/2024 6:00	7.17	-8.25E+00	25.5	995.4
BE1424	4/25/2024 18:00	7.17	-8.37E+00	25.5	993.6
BE1424	4/26/2024 6:00	7.17	-8.30E+00	25.5	996.3
BE1424	4/26/2024 18:00	7.17	-8.40E+00	25.5	994.2
BE1424	4/27/2024 6:00	7.17	-8.32E+00	25.5	997.7
BE1424	4/27/2024 18:00	7.18	-8.40E+00	25.5	994.6
BE1424	4/28/2024 6:00	7.16	-8.19E+00	25.5	995
BE1424	4/28/2024 18:00	7.17	-8.15E+00	25.5	992.6
BE1424	4/29/2024 6:00	7.16	-8.03E+00	25.5	997.4
BE1424	4/29/2024 18:00	7.17	-8.06E+00	25.5	993.9
BE1424	4/30/2024 6:00	7.17	-8.00E+00	25.5	994
BE1424	4/30/2024 18:00	7.17	-8.05E+00	25.5	989.2
BE1424	5/1/2024 6:00	7.16	-8.02E+00	25.5	991.8
BE1424	5/1/2024 18:00	7.17	-8.09E+00	25.5	988.9
BE1424	5/2/2024 6:00	7.17	-8.05E+00	25.5	990.7
BE1424	5/2/2024 18:00	7.17	-8.13E+00	25.5	988.9
BE1424	5/3/2024 6:00	7.17	-8.05E+00	25.5	995.7
BE1424	5/3/2024 18:00	7.18	-8.12E+00	25.5	996.9
BE1424	5/4/2024 6:00	7.17	-8.03E+00	25.5	998.6
BE1424	5/4/2024 18:00	7.17	-8.08E+00	25.5	995.5
BE1424	5/5/2024 6:00	7.16	-7.86E+00	25.5	994.2
BE1424	5/5/2024 18:00	7.16	-7.74E+00	25.5	995.1
BE1424	5/6/2024 6:00	7.16	-7.65E+00	25.5	1000
BE1424	5/6/2024 18:00	7.16	-7.63E+00	25.5	1000.6
BE1424	5/7/2024 6:00	7.16	-7.54E+00	25.5	1003.3
BE1424	5/7/2024 18:00	7.16	-7.55E+00	25.5	1002.6
BE1424	5/8/2024 6:00	7.15	-7.52E+00	25.5	1002.4
BE1424	5/8/2024 18:00	7.17	-7.54E+00	25.5	999.1
BE1424	5/9/2024 6:00	7.16	-7.46E+00	25.5	1000.8
BE1424	5/9/2024 18:00	7.17	-7.56E+00	25.5	999
BE1424	5/10/2024 6:00	7.16	-7.36E+00	25.5	1002.1
BE1424	5/10/2024 18:00	7.17	-7.43E+00	25.5	999.3
BE1424	5/11/2024 6:00	7.16	-7.34E+00	25.5	1003.2
BE1424	5/11/2024 18:00	7.17	-7.48E+00	25.5	999.4
BE1424	5/12/2024 6:00	7.16	-7.38E+00	25.5	1002.8
BE1424	5/12/2024 18:00	7.17	-7.51E+00	25.5	998.9
BE1424	5/13/2024 6:00	7.16	-7.40E+00	25.5	1001.6
BE1424	5/13/2024 18:00	7.17	-7.49E+00	25.5	998.5
BE1424	5/14/2024 6:00	7.16	-7.46E+00	25.5	1001
BE1424	5/14/2024 18:00	7.17	-7.62E+00	25.5	997.8
BE1424	5/15/2024 6:00	7.17	-7.48E+00	25.5	1001.1
BE1424	5/15/2024 18:00	7.18	-7.67E+00	25.5	999.4
BE1424	5/16/2024 6:00	7.17	-7.51E+00	25.5	1001
BE1424	5/16/2024 18:00	7.18	-7.66E+00	25.5	996.9
BE1424	5/17/2024 6:00	7.17	-7.54E+00	25.5	999
BE1424	5/17/2024 18:00	7.17	-7.69E+00	25.5	993.6
BE1424	5/18/2024 6:00	7.17	-7.57E+00	25.5	997.9
BE1424	5/18/2024 18:00	7.17	-7.69E+00	25.5	995.4
BE1424	5/19/2024 6:00	7.17	-7.58E+00	25.5	997.1
BE1424	5/19/2024 18:00	7.17	-7.68E+00	25.5	993.2

BE1424	5/20/2024 6:00	7.16	-7.55E+00	25.5	997.4
BE1424	5/20/2024 18:00	7.17	-7.57E+00	25.5	994.4
BE1424	5/21/2024 6:00	7.16	-7.54E+00	25.5	998.2
BE1424	5/21/2024 18:00	7.17	-7.57E+00	25.5	993.6
BE1424	5/22/2024 6:00	7.17	-7.51E+00	25.5	998.2
BE1424	5/22/2024 18:00	7.17	-7.54E+00	25.5	993.7
BE1424	5/23/2024 6:00	7.17	-7.50E+00	25.5	996.9
BE1424	5/23/2024 18:00	7.17	-7.54E+00	25.5	991.3
BE1424	5/24/2024 6:00	7.17	-7.52E+00	25.5	995.1
BE1424	5/24/2024 18:00	7.17	-7.57E+00	25.5	989.6
BE1424	5/25/2024 6:00	7.17	-7.55E+00	25.5	993.2
BE1424	5/25/2024 18:00	7.18	-7.64E+00	25.5	987.4
BE1424	5/26/2024 6:00	7.17	-7.56E+00	25.5	992
BE1424	5/26/2024 18:00	7.17	-7.60E+00	25.5	987.3
BE1424	5/27/2024 6:00	7.17	-7.51E+00	25.5	992.2
BE1424	5/27/2024 18:00	7.17	-7.52E+00	25.5	989.6
BE1424	5/28/2024 6:00	7.17	-7.41E+00	25.5	985.6
BE1424	5/28/2024 18:00	7.16	-7.34E+00	25.5	988
BE1424	5/29/2024 6:00	7.16	-7.06E+00	25.5	989.6
BE1424	5/29/2024 18:00	7.17	-6.61E+00	25.5	989.5
BE1424	5/30/2024 6:00	7.16	-6.21E+00	25.5	993.8
BE1424	5/30/2024 18:00	7.17	-6.00E+00	25.5	993.4
BE1424	5/31/2024 6:00	7.16	-5.75E+00	25.5	995.6
BE1424	5/31/2024 18:00	7.17	-5.61E+00	25.5	994.2
BE1424	6/1/2024 6:00	7.16	-5.40E+00	25.5	996.1
BE1424	6/1/2024 18:00	7.17	-5.35E+00	25.5	994.8
BE1424	6/2/2024 6:00	7.16	-5.10E+00	25.5	997.4
BE1424	6/2/2024 18:00	7.17	-5.01E+00	25.5	995.5
BE1424	6/3/2024 6:00	7.16	-4.78E+00	25.5	995.8
BE1424	6/3/2024 18:00	7.16	-4.65E+00	25.5	994.2
BE1424	6/4/2024 6:00	7.16	-4.44E+00	25.5	997.1
BE1424	6/4/2024 18:00	7.16	-4.37E+00	25.5	995.6
BE1424	6/5/2024 6:00	7.16	-4.22E+00	25.5	997.2
BE1424	6/5/2024 18:00	7.16	-4.18E+00	25.5	995.6
BE1424	6/6/2024 6:00	7.16	-4.01E+00	25.5	997.3
BE1424	6/6/2024 18:00	7.16	-3.99E+00	25.5	994.4
BE1424	6/7/2024 6:00	7.16	-3.87E+00	25.5	994.8
BE1424	6/7/2024 18:00	7.17	-3.95E+00	25.5	991
BE1424	6/8/2024 6:00	7.16	-3.80E+00	25.5	993.4
BE1424	6/8/2024 18:00	7.16	-3.90E+00	25.5	991.3
BE1424	6/9/2024 6:00	7.16	-3.77E+00	25.5	992.3
BE1424	6/9/2024 18:00	7.17	-3.88E+00	25.5	991.8
BE1424	6/10/2024 6:00	7.16	-3.82E+00	25.5	993.4
BE1424	6/10/2024 18:00	7.17	-3.95E+00	25.5	991
BE1424	6/11/2024 6:00	7.16	-3.90E+00	25.5	994.4
BE1424	6/11/2024 18:00	7.17	-4.01E+00	25.5	992.6
BE1424	6/12/2024 6:00	7.16	-3.95E+00	25.5	993.8
BE1424	6/12/2024 18:00	7.17	-4.07E+00	25.5	991.5
BE1424	6/13/2024 6:00	7.16	-4.03E+00	25.5	993.2
BE1424	6/13/2024 18:00	7.16	-4.14E+00	25.5	991.8

BE1424	6/14/2024 6:00	7.16	-4.09E+00	25.5	991.8
BE1424	6/14/2024 18:00	7.16	-4.18E+00	25.5	991.3
BE1424	6/15/2024 6:00	7.16	-4.19E+00	25.5	991.9
BE1424	6/15/2024 18:00	7.16	-4.26E+00	25.5	991.9
BE1424	6/16/2024 6:00	7.16	-4.12E+00	25.5	993.8
BE1424	6/16/2024 18:00	7.16	-4.19E+00	25.5	993.7
BE1424	6/17/2024 6:00	7.16	-3.91E+00	25.5	994
BE1424	6/17/2024 18:00	7.16	-3.75E+00	25.5	992.8
BE1424	6/18/2024 6:00	7.16	-3.54E+00	25.5	991.8
BE1424	6/18/2024 18:00	7.15	-3.46E+00	25.5	990
BE1424	6/19/2024 6:00	7.15	-3.34E+00	25.5	990.8
BE1424	6/19/2024 18:00	7.15	-3.32E+00	25.5	991.2
BE1424	6/20/2024 6:00	7.15	-3.11E+00	25.5	992.2
BE1424	6/20/2024 18:00	7.16	-3.03E+00	25.5	990.8
BE1424	6/21/2024 6:00	7.15	-2.93E+00	25.5	994.2
BE1424	6/21/2024 18:00	7.16	-2.92E+00	25.5	990.9
BE1424	6/22/2024 6:00	7.16	-2.83E+00	25.5	992.8
BE1424	6/22/2024 18:00	7.16	-2.84E+00	25.5	991.3
BE1424	6/23/2024 6:00	7.15	-2.77E+00	25.5	993.6
BE1424	6/23/2024 18:00	7.16	-2.81E+00	25.5	990.2
BE1424	6/24/2024 6:00	7.16	-2.72E+00	25.5	993.1
BE1424	6/24/2024 18:00	7.16	-2.72E+00	25.5	989.4
BE1424	6/25/2024 6:00	7.16	-2.68E+00	25.5	992
BE1424	6/25/2024 18:00	7.16	-2.74E+00	25.5	990.7
BE1424	6/26/2024 6:00	7.16	-2.67E+00	25.5	993.3
BE1424	6/26/2024 18:00	7.16	-2.75E+00	25.5	990.8
BE1424	6/27/2024 6:00	7.16	-2.70E+00	25.5	994.3
BE1424	6/27/2024 18:00	7.16	-2.78E+00	25.5	993.1
BE1424	6/28/2024 6:00	7.16	-2.71E+00	25.5	993.9
BE1424	6/28/2024 18:00	7.16	-2.80E+00	25.5	991.8
BE1424	6/29/2024 6:00	7.16	-2.73E+00	25.5	992.1
BE1424	6/29/2024 18:00	7.16	-2.78E+00	25.5	991.3
BE1424	6/30/2024 6:00	7.16	-2.76E+00	25.5	992.3
BE1424	6/30/2024 18:00	7.15	-2.83E+00	25.5	990
BE1424	7/1/2024 6:00	7.15	-2.71E+00	25.5	990.7
BE1424	7/1/2024 18:00	7.15	-2.60E+00	25.5	989.4
BE1424	7/2/2024 6:00	7.15	-2.45E+00	25.5	990.2
BE1424	7/2/2024 18:00	7.15	-2.29E+00	25.5	989.5
BE1424	7/3/2024 6:00	7.15	-2.08E+00	25.5	991.6
BE1424	7/3/2024 18:00	7.16	-1.94E+00	25.5	991.3
BE1424	7/4/2024 6:00	7.15	-1.76E+00	25.5	993.8
BE1424	7/4/2024 18:00	7.16	-1.71E+00	25.5	992.1
BE1424	7/5/2024 6:00	7.15	-1.60E+00	25.5	994.2
BE1424	7/5/2024 18:00	7.15	-1.57E+00	25.5	992
BE1424	7/6/2024 6:00	7.15	-1.53E+00	25.5	993
BE1424	7/6/2024 18:00	7.15	-1.58E+00	25.5	992.7
BE1424	7/7/2024 6:00	7.15	-1.53E+00	25.5	994.4
BE1424	7/7/2024 18:00	7.15	-1.60E+00	25.5	993.1
BE1424	7/8/2024 6:00	7.15	-1.54E+00	25.5	994.4
BE1424	7/8/2024 18:00	7.15	-1.51E+00	25.5	990.6

BE1424	7/9/2024 6:00	7.15	-1.45E+00	25.5	995
BE1424	7/9/2024 18:00	7.16	-1.43E+00	25.5	991.5
BE1424	7/10/2024 6:00	7.15	-1.43E+00	25.5	996
BE1424	7/10/2024 18:00	7.15	-1.49E+00	25.5	994
BE1424	7/11/2024 6:00	7.14	-1.47E+00	25.5	993.3
BE1424	7/11/2024 18:00	7.15	-1.53E+00	25.5	991.1
BE1424	7/12/2024 6:00	7.14	-1.51E+00	25.5	991.1
BE1424	7/12/2024 18:00	7.15	-1.61E+00	25.5	990
BE1424	7/13/2024 6:00	7.14	-1.59E+00	25.5	990.7
BE1424	7/13/2024 18:00	7.14	-1.59E+00	25.5	987.6
BE1424	7/14/2024 6:00	7.14	-1.60E+00	25.5	990.3
BE1424	7/14/2024 18:00	7.15	-1.66E+00	25.5	988.4
BE1424	7/15/2024 6:00	7.14	-1.63E+00	25.5	993.2
BE1424	7/15/2024 18:00	7.14	-1.66E+00	25.5	990.6
BE1424	7/16/2024 6:00	7.14	-1.64E+00	25.5	994.5
BE1424	7/16/2024 18:00	7.14	-1.71E+00	25.5	993.4
BE1424	7/17/2024 6:00	7.14	-1.73E+00	25.5	993.9
BE1424	7/17/2024 18:00	7.14	-1.81E+00	25.5	990.2
BE1424	7/18/2024 6:00	7.14	-1.78E+00	25.5	993.2
BE1424	7/18/2024 18:00	7.14	-1.85E+00	25.5	990.1
BE1424	7/19/2024 6:00	7.14	-1.83E+00	25.5	991.7
BE1424	7/19/2024 18:00	7.14	-1.92E+00	25.5	987.8
BE1424	7/20/2024 6:00	7.14	-1.92E+00	25.5	991.3
BE1424	7/20/2024 18:00	7.14	-2.02E+00	25.5	990.7
BE1424	7/21/2024 6:00	7.14	-1.99E+00	25.5	992.7
BE1424	7/21/2024 18:00	7.14	-2.07E+00	25.5	990.3
BE1424	7/22/2024 6:00	7.14	-2.03E+00	25.5	993
BE1424	7/22/2024 18:00	7.14	-2.04E+00	25.5	991.4
BE1424	7/23/2024 6:00	7.13	-2.01E+00	25.5	993
BE1424	7/23/2024 18:00	7.14	-2.07E+00	25.5	988.8
BE1424	7/24/2024 6:00	7.13	-2.06E+00	25.5	988.4
BE1424	7/24/2024 18:00	7.14	-2.19E+00	25.5	984.6
BE1424	7/25/2024 6:00	7.14	-2.15E+00	25.5	986
BE1424	7/25/2024 18:00	7.14	-2.25E+00	25.5	983.6
BE1424	7/26/2024 6:00	7.14	-2.23E+00	25.5	985.9
BE1424	7/26/2024 18:00	7.14	-2.42E+00	25.5	983.9
BE1424	7/27/2024 6:00	7.13	-2.32E+00	25.5	988.5
BE1424	7/27/2024 18:00	7.14	-2.53E+00	25.5	986.7
BE1424	7/28/2024 6:00	7.13	-2.42E+00	25.5	991.2
BE1424	7/28/2024 18:00	7.14	-2.60E+00	25.5	987.7
BE1424	7/29/2024 6:00	7.14	-2.52E+00	25.5	989.5
BE1424	7/29/2024 18:00	7.13	-2.62E+00	25.5	990.1
BE1424	7/30/2024 6:00	7.13	-2.55E+00	25.5	990.9
BE1424	7/30/2024 18:00	7.13	-2.50E+00	25.5	992.8
BE1424	7/31/2024 6:00	7.13	-2.47E+00	25.5	993.2
BE1424	7/31/2024 18:00	7.14	-2.59E+00	25.5	989.3
BE1424	8/1/2024 6:00	7.13	-2.61E+00	25.5	990.6
BE1424	8/1/2024 18:00	7.13	-2.67E+00	25.5	991.6
BE1424	8/2/2024 6:00	7.12	-2.69E+00	25.5	992.2
BE1424	8/2/2024 18:00	7.12	-2.74E+00	25.5	992.1

BE1424	8/3/2024 6:00	7.13	-2.75E+00	25.5	995.3
BE1424	8/3/2024 18:00	7.13	-2.78E+00	25.5	995.7
BE1424	8/4/2024 6:00	7.12	-2.80E+00	25.5	996.5
BE1424	8/4/2024 18:00	7.12	-2.86E+00	25.5	993.4
BE1424	8/5/2024 6:00	7.12	-2.90E+00	25.5	995.7
BE1424	8/5/2024 18:00	7.13	-2.96E+00	25.5	993.4
BE1424	8/6/2024 6:00	7.12	-2.94E+00	25.5	995.7
BE1424	8/6/2024 18:00	7.12	-2.97E+00	25.5	993.6
BE1424	8/7/2024 6:00	7.12	-2.98E+00	25.5	995.3
BE1424	8/7/2024 18:00	7.12	-3.05E+00	25.5	993.4
BE1424	8/8/2024 6:00	7.12	-2.94E+00	25.5	995.8
BE1424	8/8/2024 18:00	7.13	-2.79E+00	25.5	992.2
BE1424	8/9/2024 6:00	7.11	-2.73E+00	25.5	997.4
BE1424	8/9/2024 18:00	7.12	-2.71E+00	25.5	994.2
BE1424	8/10/2024 6:00	7.12	-2.67E+00	25.5	996.3
BE1424	8/10/2024 18:00	7.12	-2.65E+00	25.5	995
BE1424	8/11/2024 6:00	7.12	-2.63E+00	25.5	994.6
BE1424	8/11/2024 18:00	7.12	-2.65E+00	25.5	993.4
BE1424	8/12/2024 6:00	7.12	-2.67E+00	25.5	994.9
BE1424	8/12/2024 18:00	7.12	-2.59E+00	25.5	993.6
BE1424	8/13/2024 6:00	7.12	-2.51E+00	25.5	996
BE1424	8/13/2024 18:00	7.12	-2.53E+00	25.5	993.6
BE1424	8/14/2024 6:00	7.12	-2.49E+00	25.5	996.1
BE1424	8/14/2024 18:00	7.12	-2.52E+00	25.5	992.1
BE1424	8/15/2024 6:00	7.12	-2.51E+00	25.5	995.2
BE1424	8/15/2024 18:00	7.12	-2.59E+00	25.5	993.5
BE1424	8/16/2024 6:00	7.11	-2.62E+00	25.5	995
BE1424	8/16/2024 18:00	7.12	-2.75E+00	25.5	992.3
BE1424	8/17/2024 6:00	7.12	-2.77E+00	25.5	994.7
BE1424	8/17/2024 18:00	7.12	-2.95E+00	25.5	993.2
BE1424	8/18/2024 6:00	7.12	-3.06E+00	25.5	995.5
BE1424	8/18/2024 18:00	7.12	-3.02E+00	25.5	994.3
BE1424	8/19/2024 6:00	7.11	-3.10E+00	25.5	995.6
BE1424	8/19/2024 18:00	7.11	-3.07E+00	25.5	994.1
BE1424	8/20/2024 6:00	7.11	-3.08E+00	25.5	996
BE1424	8/20/2024 18:00	7.1	-3.07E+00	25.5	997.3
BE1424	8/21/2024 6:00	7.1	-2.94E+00	25.5	997.2
BE1424	8/21/2024 18:00	7.11	-2.73E+00	25.5	994.2
BE1424	8/22/2024 6:00	7.1	-2.51E+00	25.5	996.2
BE1424	8/22/2024 18:00	7.11	-2.54E+00	25.5	993.7
BE1424	8/23/2024 6:00	7.1	-2.37E+00	25.5	997.7
BE1424	8/23/2024 18:00	7.11	-2.33E+00	25.5	995
BE1424	8/24/2024 6:00	7.11	-2.31E+00	25.5	997.6
BE1424	8/24/2024 18:00	7.1	-2.24E+00	25.5	995.7
BE1424	8/25/2024 6:00	7.1	-2.23E+00	25.5	995.9
BE1424	8/25/2024 18:00	7.11	-2.28E+00	25.5	990.2
BE1424	8/26/2024 6:00	7.1	-2.31E+00	25.5	995
BE1424	8/26/2024 18:00	7.11	-2.37E+00	25.5	994
BE1424	8/27/2024 6:00	7.1	-2.38E+00	25.5	996.6
BE1424	8/27/2024 18:00	7.11	-2.44E+00	25.5	993.6

BE1424	8/28/2024 6:00	7.09	-2.46E+00	25.5	996.8
BE1424	8/28/2024 18:00	7.1	-2.57E+00	25.5	993.7
BE1424	8/29/2024 6:00	7.1	-2.58E+00	25.5	995.7
BE1424	8/29/2024 18:00	7.1	-2.66E+00	25.5	993.7
BE1424	8/30/2024 6:00	7.1	-2.69E+00	25.5	996
BE1424	8/30/2024 18:00	7.11	-2.80E+00	25.5	992.5
BE1424	8/31/2024 6:00	7.09	-2.80E+00	25.5	995.6
BE1424	8/31/2024 18:00	7.1	-2.96E+00	25.5	995
BE1424	9/1/2024 6:00	7.09	-2.95E+00	25.5	998.3
BE1424	9/1/2024 18:00	7.09	-2.96E+00	25.5	997.7
BE1424	9/2/2024 6:00	7.08	-2.83E+00	25.5	998.7
BE1424	9/2/2024 18:00	7.09	-2.90E+00	25.5	994.6
BE1424	9/3/2024 6:00	7.07	-2.84E+00	25.5	997.6
BE1424	9/3/2024 18:00	7.07	-2.84E+00	25.5	996.1
BE1424	9/4/2024 6:00	7.06	-2.78E+00	25.5	997
BE1424	9/4/2024 18:00	7.07	-2.84E+00	25.5	992
BE1424	9/5/2024 6:00	7.05	-2.84E+00	25.5	995
BE1424	9/5/2024 18:00	7.07	-2.92E+00	25.5	992.8
BE1424	9/6/2024 6:00	7.06	-2.94E+00	25.5	996.4
BE1424	9/6/2024 18:00	7.06	-3.00E+00	25.5	992
BE1424	9/7/2024 6:00	7.06	-3.01E+00	25.5	994.9
BE1424	9/7/2024 18:00	7.07	-3.10E+00	25.5	991.3
BE1424	9/8/2024 6:00	7.03	-3.13E+00	25.5	995.3
BE1424	9/8/2024 18:00	7.04	-3.31E+00	25.5	991.3
BE1424	9/9/2024 6:00	7.02	-3.37E+00	25.5	993.9
BE1424	9/9/2024 18:00	7.03	-3.38E+00	25.5	990.9
BE1424	9/10/2024 6:00	7	-3.38E+00	25.5	994.1
BE1424	9/10/2024 18:00	7.01	-3.40E+00	25.5	991.7
BE1424	9/11/2024 6:00	7	-3.41E+00	25.5	994.6
BE1424	9/11/2024 18:00	6.99	-3.47E+00	25.5	994.2
BE1424	9/12/2024 6:00	6.99	-3.43E+00	25.5	994.1
BE1424	9/12/2024 18:00	6.93	-3.54E+00	25.5	991.3
BE1424	9/13/2024 6:00	6.93	-3.55E+00	25.5	991.8
BE1424	9/13/2024 18:00	6.93	-3.63E+00	25.5	989.1
BE1424	9/14/2024 6:00	6.91	-3.68E+00	25.5	991
BE1424	9/14/2024 18:00	6.88	-3.84E+00	25.5	990.2
BE1424	9/15/2024 6:00	6.83	-3.87E+00	25.5	991.6
BE1424	9/15/2024 18:00	6.84	-4.01E+00	25.5	991.7
BE1424	9/16/2024 18:00	6.68	-4.15E+00	25.5	993
BE1424	9/17/2024 18:00	6.52	-4.35E+00	25.5	994.8

59/

Patient Name : Chikun Deha

Date : _____

Age : 38 Gender : M

Vm $\left\{ \begin{array}{l} \text{BLG INB} \\ \text{BLG Wc} \end{array} \right.$

TLB \leftarrow WNL

CV - - WNL

Diag - - WNL



Next appointment on :

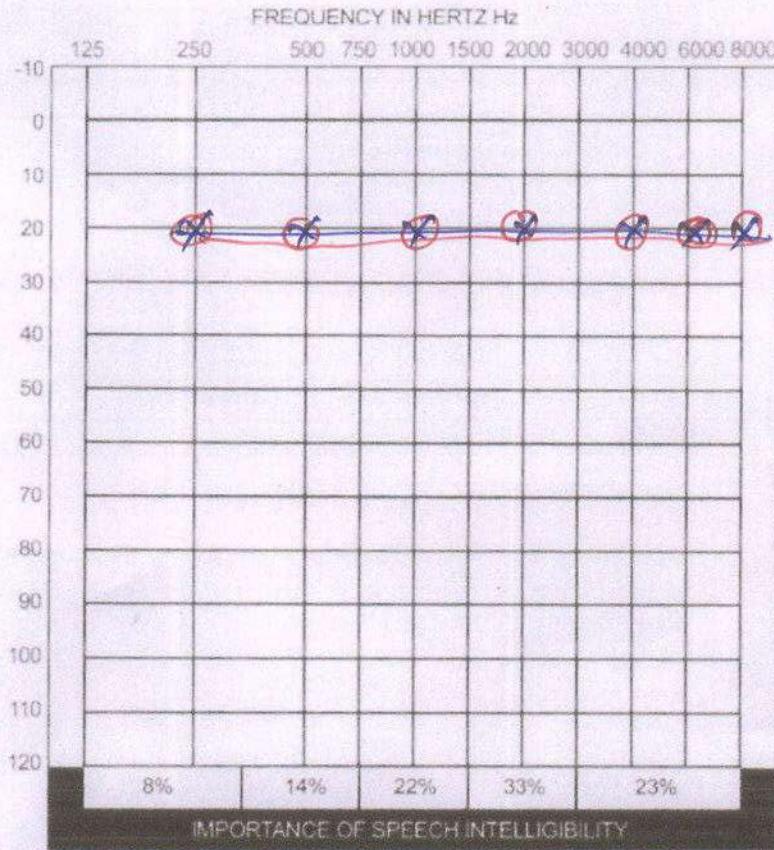
59

AUDIOGRAM

Doctor / Audiologist

Name: Shikami Deka Age 38 Sex M

Address: _____ Date 17.9.24



NORMAL / MINIMAL HEARING LOSS
Ability to understand speech

MILD HEARING LOSS
No significant difficulty with faint speech

MODERATE HEARING LOSS
Difficulty only with faint speech
Amplification needed

MODERATELY SEVERE HEARING LOSS
Frequent difficulty with normal speech

SEVERE HEARING LOSS
Frequent difficulty with loud speech
Understand only shouted or amplified speech

PROFOUND HEARING LOSS
May not understand every amplified speech

<Value List Missing>

SPEECH RESULT				
Speech Reception Threshold (SRT)	Most Comfortable Level (MCL)	Un Comfortable Level (UCL)	Word Discrimination Percentage	Discrimination Level (dB)
Right				
Left				
Binaural				
Unaided Soundfield				
Aided Soundfield				

AUDIOGRAM KEY									
	L	R	NRL	NRR		L	R	NRL	NRR
Air Conduction	X	O	X↘	O↘	Bone Conduction Forehead	V	V	V↘	V↘
Air Conduction Masked	□	△	□↘	△↘	Bone Conduction Forehead Mask	Γ	Γ	Γ↘	Γ↘
Bone Conduction	>	<	∩	∪	Threshold of Discomfort Pure	●	●	●↘	●↘
Bone Conduction Masked]	[]	[

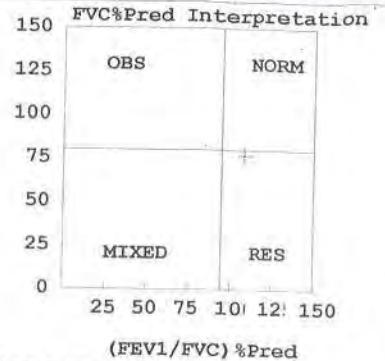
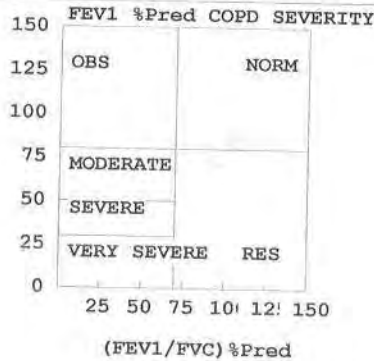
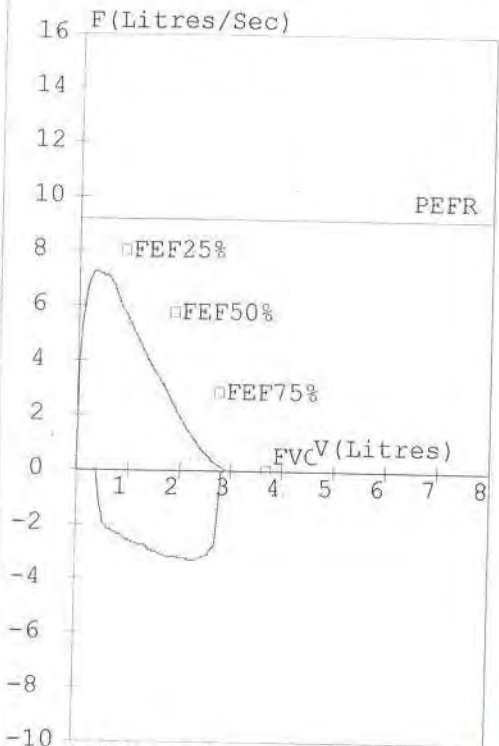
COMMENTS

Blk normal hearing loss.

Patient: Shikun deka
 Refd. By: SELF
 Pred Egm: RECORDERS
 Date: 21-Sep-2024 06:02 PM

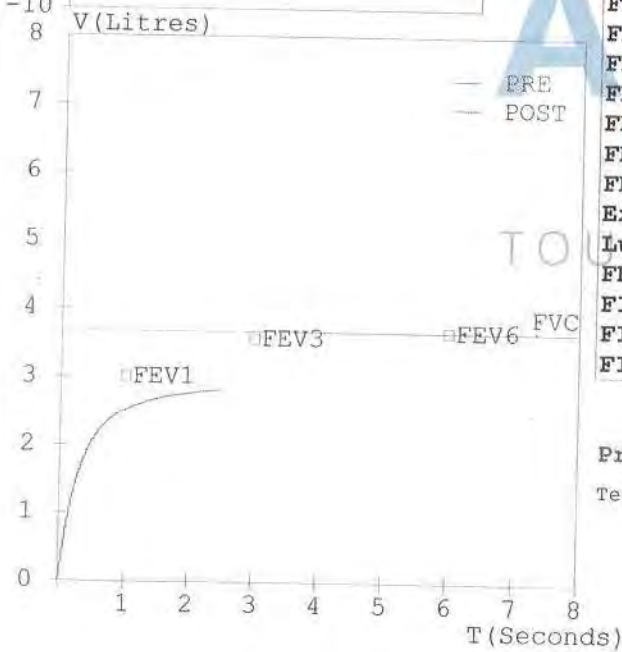
Age: 38 Years
 Height: 174 Cms
 Weight: 64 Kgs
 ID: 0059

Gender: Male
 Smoker: No
 Eth. Corr: 100
 Temp:



Spirometry (FVC Results)

Parameter	Pred	M. Pre	%Pred	M. Post	%Pred	%Imp
FVC (L)	03.68	02.85	077	----	---	---
FEV1 (L)	03.03	02.54	084	----	---	---
FEV1/FVC (%)	82.34	89.12	108	----	---	---
FEF25-75 (L/s)	04.11	03.27	080	----	---	---
PEFR (L/s)	09.20	07.21	078	----	---	---
FIVC (L)	----	02.52	---	----	---	---
FEV.5 (L)	----	02.09	---	----	---	---
FEV3 (L)	03.57	02.85	080	----	---	---
PIFR (L/s)	----	03.27	---	----	---	---
FEF75-85 (L/s)	----	01.00	---	----	---	---
FEF.2-1.2 (L/s)	07.23	06.13	085	----	---	---
FEF 25% (L/s)	08.06	06.50	081	----	---	---
FEF 50% (L/s)	05.78	03.82	066	----	---	---
FEF 75% (L/s)	02.86	01.48	052	----	---	---
FEV.5/FVC (%)	----	73.33	---	----	---	---
FEV3/FVC (%)	97.01	100.00	103	----	---	---
FET (Sec)	----	02.78	---	----	---	---
ExplTime (Sec)	----	00.04	---	----	---	---
Lung Age (Yrs)	038	044	116	----	---	---
FEV6 (L)	03.68	----	---	----	---	---
FIF25% (L/s)	----	03.04	---	----	---	---
FIF50% (L/s)	----	03.18	---	----	---	---
FIF75% (L/s)	----	02.74	---	----	---	---



Pre Test COPD Severity
 Test within normal limits

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

R. K. Life Services Pvt Ltd. (CIN. No: U85110AS2002PTC006987)

Apollo Clinic, Kanchan Road, Opp. Bora Service, G. S. Road, Guwahati - 781007
Phone: 9085612000, E-mail: info@apolloclinicguwahati.com



NAME : Mr Chikun Deka
AGE : 38 YRS. **SEX** : MALE.
PROCEDURE : XRay Chest (PA view)

No active lesions noted in lungfields.

Pleural angles are clear and domes of the diaphragm are of normal contour.

Cardio-thoracic ratio is within normal limits.

Aorta appear normal

Hilar shadows are normal.

Bony thorax is intact.

Soft tissue shadows are normal.




Dr. Hony Radiologist

R. K. Life Services Pvt Ltd. (CIN. No: U85110AS2002PTC006987)

Patient Name : Mr. CHINKUDEKA
UHID/MR No : 6085612006/GJW:000215655
Visit Date : 20-09-2024 10:07
Sample Collected on : 20-09-2024 20:22
Sample No : SPU028302
Ref Doctor : SELF
Emp/Auth/TPA ID : 54544
Sponsor Name : DALMIA CEMENT BHARAT LIMITED

Age / Gender : 38Y/Male
OP Visit No : FOLW/OPV386803
Reported on : 21-09-2024 08:53
Specimen : Sputum
Pres Doctor: :



DEPARTMENT OF LABORATORY MEDICINE

AFB SPUTUM

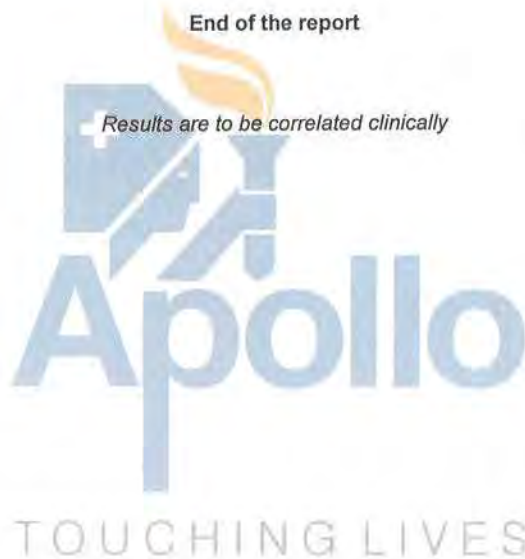
Specimen : Sputum.

Result : No Acid fast bacilli seen in the smear examined.

End of the report

Results are to be correlated clinically

Lab Technician / Technologist
Ruhidas_Choudhury



Dr. AUBREEN R KHAN
MD Microbiologist

If test results are alarming or unacceptable, clients are advised to contact the laboratory immediately for possible remedial action.



PARIVARTAN

Jagiroad

Quarterly Issue (April to June 2024)

Village: 17 | Population: 20,778

Dear All,

Greetings from Dalmia Bharat Foundation.

We trust this note finds you well. It's with great pleasure that Dalmia Bharat Foundation (DBF) Team reflects on the incredible journey undertaken in the first Quarter of FY 25 and we are thrilled to share our collective achievements through the pages of our Quarterly CSR Magazine.

-Team DBF, Jagiroad

Livelihood Initiatives

Backyard Chicken Rearing Unit

- Supported chicks for backyard chicken farming.
- **132 beneficiaries** were benefitted.
- Each beneficiary has the potential to earn an additional annual income of **Rs. 50,000/-**



Poultry Farming

- Individuals were supported for initiating poultry farming for livelihood purposes.
- **20 beneficiaries** were benefitted.
- Each beneficiary has the potential to earn an additional annual income of **Rs. 150,000/-**

GRAM PARIVARTAN PROJECT

(An action towards bringing change)

Introduction

The Gram Parivartan Program was launched with the aim of providing livelihoods that are economically sustainable, ecologically responsible, and socially equitable. The objective is to foster sustainable economic progress within selected communities, where household chosen for participation is expected to achieve an additional annual income of **Rs. 1,00,000**. This can be achieved through individual or group interventions and can function independently or converged with government programs.



1724

Households Mapped



2123

Interventions Planned



1193

Households with Additional Income



4.21 Cr

Additional Income



HH distributed in different Income slabs				
<25K	25K-50K	50K-75K	75K-1L	>1L
453	465	197	28	50

Location Demographic Profile:	Villages: 7
	Households: 1724
	Population: 8247

DALMIA INSTITUTE OF KNOWLEDGE AND SKILL HARNESSING

Nurturing Futures: Empowering Youth Through Skill Development

Skill development of rural youth plays a vital role in unlocking their potential and creating avenues for a brighter future. By providing tailored training programs and workshops, we equip them with the tools to excel in various trades and professions. This not only enhances their employability but also empowers them to contribute effectively to their communities' growth and development.



Highest Placement Data

Trade Name: CRM DOMESTIC NON-VOICE

Name of the Candidate:

BISHAL SAIKIA

Organization: Flipkart
Salary per Annum: 1.18 Lakh

Updates (for FY24-25)

Trades Offered:

1. CRM Domestic Non-Voice
2. Assistant Electrician
3. Solar PV Installer

Trades Offered: **3**
Ongoing Batches: **3**
Youth Trained: **177**

A SUCCESSFUL CASE STUDY UNDER GRAM PARIVARTAN PROJECT

Mrs. Rinku Deuri is a 38-year-old woman from Bangthaigaon. Eri rearing has had a positive impact on Mrs. Deuri's life in several ways. First, it helped her increase her income. Second, rearing made Mrs. Deuri more self-sufficient, reducing her dependence on her husband for money. She can now afford to purchase food, clothes, and other necessities for her family. Mrs. Deuri currently raises over 100 eri silkworms in her rearing house. She feeds them castor leaves, which she grows on her own land. After about 40 days, the eri silkworms begin spinning cocoons. Mrs. Deuri collects these cocoons and boils them in water to kill the pupae. She then rewinds the cocoons into silk yarn. Mrs. Deuri sells her eri silk yarn to local weavers and artisans. Additionally, she crafts some eri silk products herself, such as scarves, shawls, and stoles.

Mrs. Deuri's eri silk rearing business has been very successful. According to her, she engages in eri rearing four times a year, with the income from the second round ranging between Rs. 25,000 to 30,000. In total, she earns about Rs. 50,000 to 60,000 annually. This has significantly improved her family's standard of living.



SOCIAL INFRASTRUCTURE

Tree Plantation Drive

- Organized a tree plantation at Baghgap village.
- **50 participants** were participated and each received **4 fruit saplings**.



World Environment Day

- World Environment Day Observation at Ghunush LP School.
- Organized an art competition, essay competition and extempore speech competition at GCW Plant.
- More than **600 students** participated in this program.

Bamboo Plantation

- Organized an awareness camp on bamboo plantation.
- **1400 beneficiaries** participated in this camp.
- **650 beneficiaries** from **32 villages** received bamboo saplings.



DALMIA CEMENT BHARAT LIMITED

SF No. 605, Thamaraiikulam Village, Ariyalur District- 621705



NEWS LETTER *Of Jagiroad*

Dear All,

Greetings from Dalmia Bharat Foundation.

We trust this note finds you well. It's with great pleasure that Dalmia Bharat Foundation (DBF) Team reflects on the incredible journey undertaken in the Second Quarter of FY 2025, and we are thrilled to share our collective achievements through the pages of our Quarterly CSR Magazine

Team DBF,
Jagiroad

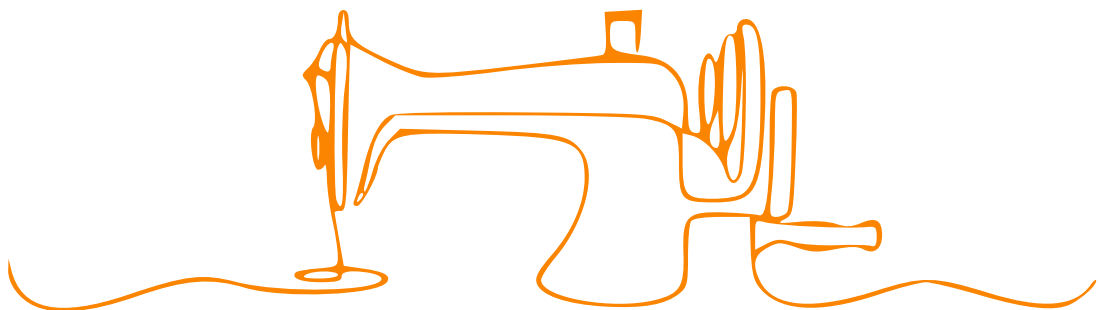


Quarterly Issue (Jul 24 to Sep 24)

PARIVARTAN

17
Villages

20,778
Population



LIVELIHOOD & WATER INITIATIVES



DUCK REARING UNITS



Duck Rearing Units

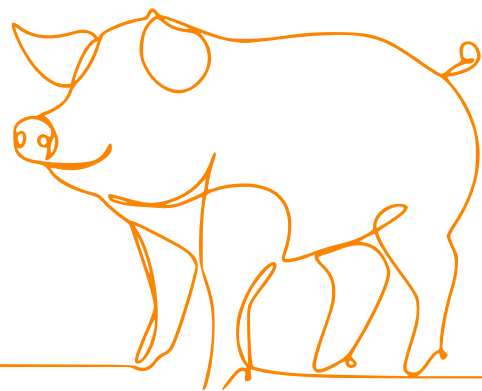
- Ducks were distributed to promote duck farming, a viable and sustainable agricultural practice that provides both meat and egg production as a source of income.
- 250 beneficiaries participated in the program.
- Each beneficiary has the potential to earn an annual income ranging from ₹50,000 to ₹60,000 through duck farming.

PIG FARMING

- Pig farming is a profitable agricultural venture that provides multiple sources of income, including meat production and piglet sales.
- 48 beneficiaries were benefited.
- Each beneficiary has the potential to earn an additional annual income of ₹70,000 to ₹90,000 through this intervention



Pig Farming



GRAM PARIVARTAN

An action towards bringing change



INTRODUCTION



7
Villages

1724
Households

7118
Population

The Gram Parivartan Program was launched with the aim of providing livelihoods that are economically sustainable, ecologically responsible, and socially equitable. The objective is to foster sustainable economic progress within selected communities, where household chosen for participation is expected to achieve an additional annual income of Rs. 1,00,000. This can be achieved through individual or group interventions and can function independently or converged with government programs.

HH DISTRIBUTED IN DIFFERENT INCOME SLABS				
<25K	25K-50K	50K-75K	75K-1L	>1L
302	592	297	146	109

1724

Households
Mapped

2109

Interventions
Planned

1446

Households
with Additional
Income

DALMIA INSTITUTE OF KNOWLEDGE AND SKILL HARNESSING



Nurturing Futures: Empowering Youth Through Skill Development

Skill development of rural youth plays a vital role in unlocking their potential and creating avenues for a brighter future. By providing tailored training programs and workshops, we equip them with the tools to excel in various trades and professions. This not only enhances their employability but also empowers them to contribute effectively to their communities' growth and development.

TRADES OFFERED



Solar PV Installer



Assistant
Electrician



CRM
(Non-Voice)

UPDATES (For FY 2024-25)



3
Trades



3
Ongoing
Batches



257
Youth
Trained



47
Youth
Placed

HIGHEST PLACEMENT



Trade Name:
CRM Non-Voice
Name of the Candidate:
Mr. Suman Deka
Organization:
Arohan Financial Services Ltd, Assam
Salary per Annum:
Rs. 2.10 lakhs



BAMBOO PLANTATION DRIVE



Bamboo Plantation drive



- Distributed bamboo saplings to promote sustainable forestry by cultivating bamboo, which provides environmental benefits and supports local livelihoods.
- 722 beneficiaries received bamboo saplings.

CONVERGENCE TABLE (Apr – Sept 2024)

S.NO	SCHEME NAME	LIVELIHOODS/ WATER/ SOIL/ SOCIAL INFRASTRUCTURE	NO. OF BENEFICIARIES		
			MALE	FEMALE	TOTAL
1	National Food Security Mission	Livelihoods	84	947	1031
2	Jal Jeevan Mission	Livelihoods	276	28	304
3	Assam Orunodoi Scheme	Livelihoods	0	1067	1067
4	Assam Seeds Corporation Limited	Livelihoods	730	0	730
Total			1090	2042	3132

Annexure - VI

Sl.No	Product Manufactured	Details of Hazardous Chemicals used with quantity and purpose	Type of HW generated with category as per NORMA Rules 2016 Schedule-I, Sl. No.
1	Cement	NA	NA

(i) Air Emission

Sl.No.	Source of Air Pollution	Air Pollution Control Devices	Parameter Monitored
1	Cement Mill	Bag Filter	Monitored Data

(ii) Effluent Discharge: Not Applicable

Parameter	APCD	Unit	Current	Limits
Opacity		mg/Nm	12.42	30
PM10_A		ug/m ³	79.97	100
PM2.5		ug/m ³	6.07	60
NOX_AL		ug/m ³	0.82	80
SO2_AL		ug/m ³	1.49	80