

Ref: AIL/EC/EHS/2023-24/40

Dated: 30/11/2023

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 01.04.2023 to 30.09.2023 is submitted herewith for your kind perusal.

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, Haibargaon, Nagaon, Assam – 782002

Alsthom Industries Limited

Subsidiary of Dalmia Cement (Bharat) Limited
Village-Baghjap, Po-Jagibhakat Gaon, District- Morigaon -782411 (Assam) India
W www.dalmiacement.com CIN : U26100AS2016PLC017688
Registered Office : 3rd & 4th Floor, Anil Plaza II, ABC G.S. Road, Guwahati-781005 (Assam) India
T 91 361 7156700 F 91 361 7156707 Toll Free 1800 2020
A Dalmia Bharat Group Company, www.dalmiabharat.com

**SIX MONTHLY COMPLIANCE
REPORT
(April - 2023 TO Sep-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: April 2023 to Sep 2023)

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

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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 2023 to Sep 2023

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 par the CPCB guidelines to control gaseous emission below 30mg/Nm ³ . Stake of adequate height shall also be provided to DG sets.	Complied <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.	Complied <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 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</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.

	<p>system shall be used for fly ash handling.</p>	<ul style="list-style-type: none"> ➤ Covered sheds for storage of raw materials - Clinker, Fly ash & gypsum is provided. ➤ Cement are stored in silos.  
<p>5.</p>	<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.	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 <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 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 by the unit, the unit shall be immediately put out of operation and shall not be restated until the desired efficiency has been achieved.	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 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.	Complied ➤ 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.	Complied ➤ 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),	Complied ➤ The plant commences its production from 19th Feb'2017.

	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 .	<ul style="list-style-type: none"> ➤ Ground water quality monitoring has been carried out through 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.	<p>Complied</p> <p>As our process is dry process, Zero Liquid Discharge is practiced.</p>
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.	<p>Complied</p> <p>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.</p>
18.	Effort shall be made to use low grade lime, more fly ash and solid waste in the cement manufacturing.	<p>Complied</p> <p>Efforts are being made.</p>
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).	<p>Complied</p> <p>Being followed</p>
20.	Rain water collected from the roof top shall be injected in to the ground through	<p>Complied</p>

	injection wells to recharge the ground water table.	
21.	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/ aforesation/ Green belt development etc., shall be prepared and submitted to the SEIAA, Assam and Regional Office of MOEF Shillong.	<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.	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>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.	Requisites on site & off site emergency plan shall be prepared in consultation with concerned authorities and implemented	<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) 35 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
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 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>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 conform 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 community welfare measures in the project area.	<p>Complied</p> <p>In spite of the restrictions faced during the second wave, several initiatives were undertaken to help local communities. We</p>

		<p>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.	Complied Laboratory facilities are limited as Environmental monitoring is carried out by third party laboratory approved by SPCB, Assam.
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.	Complied The date of commencing the land development work – 4th April 2015 and the date of financial closure – 23rd March 2017.
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	Complied Criteria pollutant levels namely: SPM, RSPM (PM ₁₀ / PM _{2.5}), SO ₂ , NOX (ambient levels as well as stack emissions) or critical sectoral parameters, indicated are being monitored and

	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	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	Noted for Compliance

	satisfactory.	
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



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)

Annexure I



Envirocon Building, I.O.C.L (AOD) New Market
P.O.: Digboi, Dist.: Tinsukia, Assam - 786 171
Ph: 03751-264414, 9436008657, 8876028672
E-mail: envirocon@rediffmail.com

ISO 9001:2015 Certified
ISO 45001:2018 Certified

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

Rev. No.: 00

WASTE WATER TEST REPORT

ULR No.	NA		
Report No.	ENV/TR/AIL/23-24/WW-02	Issue Date	20/09/2023
Order No.	4560001004/311	Order Date	23/08/2023
Report Issued To	ALSTHOM INDUSTRIES LIMITED Village: Baghjap, P. O.: Jagibhakat, Dist.: Morigaon, Assam- 782410		

Sample Ref. No.:	AIL/2023/WW-0809/02	Sample Source:	STP - II Outlet	Sample Type:	STP Treated Water
Date of Sampling:	08.09.2023	Sample Receipt Date:	11.09.2023	Sample Quantity:	2 L
Analysis Start Date:	12.09.2023	Analysis End Date:	16.09.2023	Sampled By:	Bidyut Kalita, Envirocon

TEST RESULTS

Sl. No.	Parameters	Test Method	Results	Units	Limits*
1.	pH	IS 3025 (Part 11)	7.21	-	6.5 - 9.0
2.	Total Suspended Solids	IS 3025 (Part 17)	26	mg/l	100
3.	Biochemical Oxygen Demand	IS 3025 (Part 44)	16	mg/l	30
4.	Fecal Coliform	CPCB Guidelines	637	MPN/100ml	1000

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

*Limits as per G.S.R. 1265(E), 13.10.2017

*****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/WW-01

Rev. No.: 00

WASTE WATER TEST REPORT

ULR No.	NA		
Report No.	ENV/TR/AIL/23-24/WW-01	Issue Date	20/09/2023
Order No.	4560001004/311	Order Date	23/08/2023
Report Issued To	ALSTHOM INDUSTRIES LIMITED Village: Baghjap, P. O.: Jagibhakat, Dist.: Morigaon, Assam- 782410		

Sample Ref. No.:	AIL/2023/WW-0809/01	Sample Source:	STP - I Outlet	Sample Type:	STP Treated Water
Date of Sampling:	08.09.2023	Sample Receipt Date:	11.09.2023	Sample Quantity:	2 L
Analysis Start Date:	12.09.2023	Analysis End Date:	16.09.2023	Sampled By:	Bidyut Kalita, Envirocon

TEST RESULTS

Sl. No.	Parameters	Test Method	Results	Units	Limits*
1.	pH	IS 3025 (Part 11)	7.26	-	6.5 - 9.0
2.	Total Suspended Solids	IS 3025 (Part 17)	19	mg/l	100
3.	Biochemical Oxygen Demand	IS 3025 (Part 44)	18	mg/l	30
4.	Fecal Coliform	CPCB Guidelines	632	MPN/100ml	1000

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

*Limits as per G.S.R. 1265(E), 13.10.2017

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



Authorised Signatory: Mr. Pankaj Baroi (Director)

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

Rev. No.: 00

WASTE WATER TEST REPORT

ULR No.	NA		
Report No.	ENV/TR/AIL/23-24/WW-03	Issue Date	20/09/2023
Order No.	4560001004/311	Order Date	23/08/2023
Report Issued To	ALSTHOM INDUSTRIES LIMITED Village: Baghjap, P. O.: Jagibhakat, Dist.: Morigaon, Assam- 782410		

Sample Ref. No.:	AIL/2023/WW-0809/03	Sample Source:	Cooling Water Reservoir	Sample Type:	Cooling Service Water
Date of Sampling:	08.09.2023	Sample Receipt Date:	11.09.2023	Sample Quantity:	2 L
Analysis Start Date:	12.09.2023	Analysis End Date:	16.09.2023	Sampled By:	Bidyut Kalita, Envirocon

TEST RESULTS

Sl. No.	Parameters	Test Method	Results	Units	Limits*
1.	pH	IS 3025 (Part 11)	6.76	-	6.5 - 9.0
2.	Temperature	IS 3025 (Part 09)	26.3	°C	40
3.	Suspended Solids	IS 3025 (Part 17)	7.4	mg/l	100
4.	Oil & Grease	IS 3025 (Part 39)	BDL [MDL: 4.0]	mg/l	30
5.	Legionella Bacteria	CPCB Guidelines	Absent	CFU/ml	Absent
6.	Total Bacteria	CPCB Guidelines	Absent	CFU/ml	-

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

*Limits as per CPCB norms.

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



Authorised Signatory: Mr. Pankaj Baroi (Director)

NOTE:

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Annexure I



Envirocon Building, I.O.C.L (AOD) New Market
P.O.: Digboi, Dist.: Tinsukia, Assam – 786 171
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ISO 9001:2015 Certified
ISO 45001:2018 Certified

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

Rev. No.: 00

FUGITIVE EMISSION TEST REPORT

ULR No.	NA		
Report No.	ENV/TR/AIL/23-24/FE-01	Issue Date	20/09/2023
Order No.	4560001004/311	Order Date	23/08/2023
Report Issued To	ALSTHOM INDUSTRIES LIMITED Village: Baghjap, P. O.: Jagbhakat, Dist.: Morigaon, Assam- 782410		

Sample Ref. No.:	AIL/2023/FE-0709/01	Sample Source:	Raw Material Handling	Weather Condition:	Clear & Calm
Date of Sampling:	07.09.2023	Sample Receipt Date:	11.09.2023	Instrument Used:	RDS
Analysis Start Date:	12.09.2023	Analysis End Date:	13.09.2023	Sampled By:	Bidyut Kalita, Envirocon

TEST RESULTS

Sl. No.	Parameters	Test Method	Results	Units	Limits
1.	Suspended Particulate Matter or SPM	IS 5182 (Part 4)	437	µg/m ³	2000 (24 Hours Average)

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

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



Authorised Signatory: Mr. Pankaj Baroi (Director)

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Annexure I

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

Rev. No.: 00

FUGITIVE EMISSION TEST REPORT

ULR No.	NA		
Report No.	ENV/TR/AIL/23-24/FE-02	Issue Date	20/09/2023
Order No.	4560001004/311	Order Date	23/08/2023
Report Issued To	ALSTHOM INDUSTRIES LIMITED Village: Baghjap, P. O.: Jagibhakat, Dist.: Morigaon, Assam- 782410		

Sample Ref. No.:	AIL/2023/FE-0809/01	Sample Source:	Fly Ash Storage Area	Weather Condition:	Clear & Calm
Date of Sampling:	08.09.2023	Sample Receipt Date:	11.09.2023	Instrument Used:	RDS
Analysis Start Date:	12.09.2023	Analysis End Date:	13.09.2023	Sampled By:	Bidyut Kalita, Envirocon

TEST RESULTS

Sl. No.	Parameters	Test Method	Results	Units	Limits
1.	Suspended Particulate Matter or SPM	IS 5182 (Part 4)	1524	µg/m ³	5000 (24 Hours Average)

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

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



Authorised Signatory: Mr. Pankaj Baroi (Director)

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Annexure I

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

Rev. No.: 00

STACK EMISSION TEST REPORT

ULR No.	NA		
Report No.	ENV/TR/AIL/23-24/SE-01	Issue Date	20/09/2023
Order No.	4560001004/311	Order Date	23/08/2023
Report Issued To	ALSTHOM INDUSTRIES LIMITED Village: Baghjap, P. O.: Jagibhakat, Dist.: Morigaon, Assam- 782410		

Sample Ref. No.:	AIL/2023/DG-0709/01	Sample Source:	D.G. Set- 380 KVA/304 KW	Material of Construction:	M. S.
Shape of Stack:	Circular	Height of Stack:	7.0 Meter	Fuel Used:	H. S. D
Sampling Date:	08.09.2023	Sample Receipt Date:	11.09.2023	Instrument Used:	Stack Kit & Flue Gas Analyser
Analysis Start Date:	12.09.2023	Analysis End Date:	13.09.2023	Sampled By:	Bidyut Kalita, Envirocon

TEST RESULTS

Sl. No.	Parameters	Test Method	Results	Units	Limits*
1.	Stack Gas Temperature	IS 11255 (Part 3)	135	°C	-
2.	Stack Gas Velocity	IS 11255 (Part 3)	19.4	m/s	-
3.	Stack Gas Flow Rate	IS 11255 (Part 3)	414	Nm ³ /hr	-
4.	Particulate Matter	IS 11255 (Part 1)	0.069	g/kW-hr	0.3
5.	NO _x + HC	Electrochemical Sensor	0.72	g/kW-hr	4.0
6.	Carbon Monoxide	Electrochemical Sensor	0.62	g/kW-hr	3.5

NA: Not Applicable, NO_x: Oxides of Nitrogen, HC: Hydrocarbon

* Limits as per CPCB norms.

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



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Annexure I

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

Rev. No.: 00

STACK EMISSION TEST REPORT

ULR No.	NA		
Report No.	ENV/TR/AIL/23-24/SE-02	Issue Date	20/09/2023
Order No.	4560001004/311	Order Date	23/08/2023
Report Issued To	ALSTHOM INDUSTRIES LIMITED Village: Baghjap, P. O.: Jagibhakat, Dist.: Morigaon, Assam- 782410		

Sample Ref. No.:	AIL/2023/SE-0709/01	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:	08.09.2023	Sample Receipt Date:	11.09.2023	Instrument Used:	Stack Kit & Flue Gas Analyser
Analysis Start Date:	12.09.2023	Analysis End Date:	14.09.2023	Sampled By:	Bidyut Kalita, Envirocon

TEST RESULTS

Sl. No.	Parameters	Test Method	Results	Units	Limits*
1.	Stack Gas Temperature	IS 11255 (Part 3)	82	°C	-
2.	Stack Gas Velocity	IS 11255 (Part 3)	6.9	m/s	-
3.	Stack Gas Flow Rate	IS 11255 (Part 3)	16378	Nm ³ /hr	-
4.	Particulate Matter	IS 11255 (Part 1)	15.9	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	Electrochemical Sensor	13.8	%V/V	-

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/N-01

Rev. No.: 00

NOISE LEVEL TEST REPORT

ULR No.	NA		
Report No.	ENV/TR/AIL/23-24/N-01	Issue Date	20/09/2023
Order No.	4560001004/311	Order Date	23/08/2023
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:	07.09.2023
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)	61.5
2.	Main Gate	Day Time	IS 9989 (RA 2020)	65.4
3.	Near Pump House	Day Time	IS 9989 (RA 2020)	70.2
4.	Near Cement Mill	Day Time	IS 9989 (RA 2020)	85.4
5.	Near Compressor	Day Time	IS 9989 (RA 2020)	70.4
6.	Near Packing Area	Day Time	IS 9989 (RA 2020)	74.6
7.	Near Mechanical Workshop	Day Time	IS 9989 (RA 2020)	68.9
8.	Fly Ash Area	Day Time	IS 9989 (RA 2020)	61.4

NA: Not Applicable

Limit :

Category of Area/ Zone	Limit in dB (A) Leq	
	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/23-24/N-02	Issue Date	20/09/2023
Order No.	4560001004/311	Order Date	23/08/2023
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:	09.09.2023
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)	58.7
2.	Main Gate	Night Time	IS 9989 (RA 2020)	59.3
3.	Near Pump House	Night Time	IS 9989 (RA 2020)	68.9
4.	Near Cement Mill	Night Time	IS 9989 (RA 2020)	83.1
5.	Near Compressor	Night Time	IS 9989 (RA 2020)	68.5
6.	Near Packing Area	Night Time	IS 9989 (RA 2020)	71.6
7.	Near Mechanical Workshop	Night Time	IS 9989 (RA 2020)	65.4
8.	Fly Ash Area	Night Time	IS 9989 (RA 2020)	56.2

NA: Not Applicable

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*****



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Rev. No.: 00

NOISE LEVEL TEST REPORT

ULR No.	NA		
Report No.	ENV/TR/AIL/23-24/N-03	Issue Date	20/09/2023
Order No.	4560001004/311	Order Date	23/08/2023
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:	07.09.2023
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)	74.2

NA: Not Applicable

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

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



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Rev. No.: 00

AMBIENT AIR QUALITY TEST REPORT

ULR No.	NA		
Report No.	ENV/TR/AIL/23-24/A-04	Issue Date	20/09/2023
Order No.	4560001004/311	Order Date	23/08/2023
Report Issued To	ALSTHOM INDUSTRIES LIMITED Village: Baghjap, P. O.: Jagibhakat, Dist.: Morigaon, Assam- 782410		

Sample Ref. No.:	AIL/2023/A-0809/02	Sample Source:	Near Water Pump House (GPS- 26.16867°N, 92.21515°E)	Weather Condition:	Clear & Calm
Date of Sampling:	08.09.2023	Sample Receipt Date:	11.09.2023	Instrument Used:	FPS, RDS & Gaseous Attachment
Analysis Start Date:	12.09.2023	Analysis End Date:	13.09.2023	Sampled By:	Bidyut Kalita, Envirocon

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)	17.4	µg/m ³	60 (24 Hours Average)
2.	Particulate Matter (size less than 10 µm) or PM ₁₀	IS 5182 (Part 23)	35.4	µg/m ³	100 (24 Hours Average)
3.	Sulphur Dioxide (as SO ₂)	IS 5182 (Part 2)	6.1	µg/m ³	80 (24 Hours Average)
4.	Nitrogen Dioxide (as NO ₂)	IS 5182 (Part 6)	7.3	µg/m ³	80 (24 Hours Average)

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

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

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



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Rev. No.: 00

AMBIENT AIR QUALITY TEST REPORT

ULR No.	NA		
Report No.	ENV/TR/AIL/23-24/A-02	Issue Date	20/09/2023
Order No.	4560001004/311	Order Date	23/08/2023
Report Issued To	ALSTHOM INDUSTRIES LIMITED Village: Baghjap, P. O.: Jagibhakat, Dist.: Morigaon, Assam- 782410		

Sample Ref. No.:	AIL/2023/A-0709/02	Sample Source:	Near Compressor House (GPS- 26.16802°N, 92.21422°E)	Weather Condition:	Clear & Calm
Date of Sampling:	07.09.2023	Sample Receipt Date:	11.09.2023	Instrument Used:	FPS, RDS & Gaseous Attachment
Analysis Start Date:	12.09.2023	Analysis End Date:	13.09.2023	Sampled By:	Bidyut Kalita, Envirocon

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)	18.3	µg/m ³	60 (24 Hours Average)
2.	Particulate Matter (size less than 10 µm) or PM ₁₀	IS 5182 (Part 23)	39.6	µg/m ³	100 (24 Hours Average)
3.	Sulphur Dioxide (as SO ₂)	IS 5182 (Part 2)	6.6	µg/m ³	80 (24 Hours Average)
4.	Nitrogen Dioxide (as NO ₂)	IS 5182 (Part 6)	9.1	µg/m ³	80 (24 Hours Average)

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

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

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



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Rev. No.: 00

AMBIENT AIR QUALITY TEST REPORT

ULR No.	NA		
Report No.	ENV/TR/AIL/23-24/A-01	Issue Date	20/09/2023
Order No.	4560001004/311	Order Date	23/08/2023
Report Issued To	ALSTHOM INDUSTRIES LIMITED Village: Baghjap, P. O.: Jagibhakat, Dist.: Morigaon, Assam- 782410		

Sample Ref. No.:	AIL/2023/A-0709/01	Sample Source:	Near MRSS (GPS- 26.1684°N, 92.21498°E)	Weather Condition:	Clear & Calm
Date of Sampling:	07.09.2023	Sample Receipt Date:	11.09.2023	Instrument Used:	FPS, RDS & Gaseous Attachment
Analysis Start Date:	12.09.2023	Analysis End Date:	13.09.2023	Sampled By:	Bidyut Kalita, Envirocon

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)	41.7	µg/m ³	100 (24 Hours Average)
3.	Sulphur Dioxide (as SO ₂)	IS 5182 (Part 2)	6.6	µg/m ³	80 (24 Hours Average)
4.	Nitrogen Dioxide (as NO ₂)	IS 5182 (Part 6)	9.5	µg/m ³	80 (24 Hours Average)

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

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

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



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

Rev. No.: 00

AMBIENT AIR QUALITY TEST REPORT

ULR No.	NA		
Report No.	ENV/TR/AIL/23-24/A-03	Issue Date	20/09/2023
Order No.	4560001004/311	Order Date	23/08/2023
Report Issued To	ALSTHOM INDUSTRIES LIMITED Village: Baghjap, P. O.: Jagibhakat, Dist.: Morigaon, Assam- 782410		

Sample Ref. No.:	AIL/2023/A-0809/01	Sample Source:	Near Packing Area (GPS- 26.16856°N, 92.21414°E)	Weather Condition:	Clear & Calm
Date of Sampling:	08.09.2023	Sample Receipt Date:	11.09.2023	Instrument Used:	FPS, RDS & Gaseous Attachment
Analysis Start Date:	12.09.2023	Analysis End Date:	13.09.2023	Sampled By:	Bidyut Kalita, Envirocon

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)	26.4	µg/m ³	60 (24 Hours Average)
2.	Particulate Matter (size less than 10 µm) or PM ₁₀	IS 5182 (Part 23)	48.3	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)	11.4	µg/m ³	80 (24 Hours Average)

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

* 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/RW-01

Rev. No.: 00

RAW WATER TEST REPORT

ULR No.	NA	Issue Date	20/09/2023
Report No.	ENV/TR/AIL/23-24/RW-01	Order Date	23/08/2023
Order No.	4560001004/311	Report Issued To	
ALSTHOM INDUSTRIES LIMITED		Village: Baghjap, P. O.: Jagibhakat, Dist.: Morigaon, Assam- 782410	

Sample Ref. No.:	AIL/2023/RW-0809/01	Sample Source:	Bore-well	Sample Type:	Raw Water/Ground Water
Date of Sampling:	08.09.2023	Sample Receipt Date:	11.09.2023	Sample Quantity:	2 L
Analysis Start Date:	12.09.2023	Analysis End Date:	16.09.2023	Sampled By:	Bidyut Kalita, Envirocon

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)	0.61	NTU	1	5
5.	pH	IS 3025 (Part 11)	6.74		6.5 – 8.5	No Relaxation
6.	Total Dissolved Solids	IS 3025 (Part 16)	96	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)	32	mg/l	75	200
10.	Chloride (as Cl)	IS 3025 (Part 32)	3.5	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)	0.1	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)	0.25	mg/l	0.3	No Relaxation
15.	Magnesium (as Mg)	IS 3025 (Part 46)	BDL[MDL:1.0]	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)	15	mg/l	200	400

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

* Limits as per IS 10500:2012



Authorised Signatory: Mr. Pankaj Baroi (Director)

Page 1 of 2

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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/23-24/RW-01	Issue Date	20/09/2023
Order No.	4560001004/311	Order Date	23/08/2023
Report Issued To	ALSTHOM INDUSTRIES LIMITED Village: Baghjap, P. O.: Jagibhakat, Dist.: Morigaon, Assam- 782410		

TEST RESULTS

Sl. No.	Parameters	Test Method	Results	Units	Acceptable Limit*	Permissible Limit* in the Absence of Alternate Source
21.	Total Alkalinity (as CaCO ₃)	IS 3025 (Part 23)	96	mg/l	200	600
22.	Total Hardness, (as CaCO ₃)	IS 3025 (Part 21)	131	mg/l	200	600
23.	Cadmium (as Cd)	IS 3025 (Part 41)	BDL[MDL:0.001]	mg/l	0.003	No Relaxation
24.	Cyanide (as CN)	IS 3025 (Part 27)	BDL[MDL:0.001]	mg/l	0.05	No Relaxation
25.	Lead (Pb)	IS 3025 (Part 47)	BDL[MDL:0.001]	mg/l	0.01	No Relaxation
26.	Mercury (Hg)	IS 3025 (Part 48)	BDL[MDL:0.001]	mg/l	0.001	No Relaxation
27.	Nickel (as Ni)	IS 3025 (Part 54)	BDL[MDL:0.001]	mg/l	0.02	No Relaxation
28.	Total Arsenic (as As)	IS 3025 (Part 37)	BDL[MDL:0.001]	mg/l	0.01	0.05
29.	Total Chromium, (as Cr)	IS 3025 (Part 52)	BDL[MDL:0.001]	mg/l	0.05	No Relaxation
30.	Total Coliform Bacteria	CPCB Guidelines	Absent	MPN/100 ml	Absent	Absent
31.	E. Coll	CPCB Guidelines	Absent	MPN/100 ml	Absent	Absent

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

* Limits as per IS 10500:2012

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



Signature of Pankaj Baroi, Director, Digboi, Assam.

Authorised Signatory: Mr. Pankaj Baroi (Director)

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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.

Annexure - III

DATALOGGER ID	DATE/TIME	VOLTAGE (V)	WATER LEVEL (mWC)	TEMPERATURE (degC)	BAROMETRIC (hPa)	INSTANT RAIN (mm)	DAILY RAIN (mm)
BE1424	04-01-2023 06:00	7.24	-7.95E+00	25.5	1000.1	0	0
BE1424	04-01-2023 18:00	7.24	-8.00E+00	25.5	998.4	0	0
BE1424	04-02-2023 06:00	7.24	-7.98E+00	25.5	998.7	0	0
BE1424	04-02-2023 18:00	7.24	-7.99E+00	25.5	993	0	0
BE1424	04-03-2023 06:00	7.24	-7.96E+00	25.5	996.8	0	0
BE1424	04-03-2023 18:00	7.24	-7.97E+00	25.5	996.6	0	0
BE1424	04-04-2023 06:00	7.24	-7.89E+00	25.5	999.8	0	0
BE1424	04-04-2023 18:00	7.23	-7.87E+00	25.5	996.8	0	0
BE1424	04-05-2023 06:00	7.23	-7.84E+00	25.5	997.7	0	0
BE1424	04-05-2023 18:00	7.23	-7.88E+00	25.5	995.8	0	0
BE1424	04-06-2023 06:00	7.23	-7.83E+00	25.5	1000.8	0	0
BE1424	04-06-2023 18:00	7.24	-7.84E+00	25.5	998.1	0	0
BE1424	04-07-2023 06:00	7.24	-7.82E+00	25.5	1002.6	0	0
BE1424	04-07-2023 18:00	7.23	-7.88E+00	25.5	1000.4	0	0
BE1424	04-08-2023 06:00	7.24	-7.84E+00	25.5	1004.1	0	0
BE1424	04-08-2023 18:00	7.23	-7.91E+00	25.5	1000.6	0	0
BE1424	04-09-2023 06:00	7.24	-7.86E+00	25.5	1003.7	0	0
BE1424	04-09-2023 18:00	7.23	-8.00E+00	25.5	999.3	0	0
BE1424	04-10-2023 06:00	7.24	-7.90E+00	25.5	1000.4	0	0
BE1424	04-10-2023 18:00	7.23	-8.02E+00	25.5	996.8	0	0
BE1424	04-11-2023 06:00	7.24	-7.94E+00	25.5	1000.9	0	0
BE1424	04-11-2023 18:00	7.23	-8.08E+00	25.5	998	0	0
BE1424	04-12-2023 06:00	7.24	-7.98E+00	25.5	1001.4	0	0
BE1424	04-12-2023 18:00	7.23	-8.06E+00	25.5	996.8	0	0
BE1424	4/13/2023 6:00	7.24	-8.01E+00	25.5	999.2	0	0
BE1424	4/13/2023 18:00	7.23	-8.11E+00	25.5	994.7	0	0
BE1424	4/14/2023 6:00	7.24	-8.07E+00	25.5	999.2	0	0
BE1424	4/14/2023 18:00	7.23	-8.18E+00	25.5	995.6	0	0
BE1424	4/15/2023 6:00	7.24	-8.13E+00	25.5	999.3	0	0
BE1424	4/15/2023 18:00	7.23	-8.18E+00	25.5	995.3	0	0
BE1424	4/16/2023 6:00	7.24	-8.15E+00	25.5	997.1	0	0
BE1424	4/16/2023 18:00	7.23	-8.23E+00	25.5	992.6	0	0
BE1424	4/17/2023 6:00	7.24	-8.17E+00	25.5	995.8	0	0
BE1424	4/17/2023 18:00	7.23	-8.25E+00	25.5	995	0	0
BE1424	4/18/2023 6:00	7.24	-8.23E+00	25.5	998.9	0	0
BE1424	4/18/2023 18:00	7.23	-8.32E+00	25.5	995.3	0	0
BE1424	4/19/2023 6:00	7.24	-8.29E+00	25.5	996.4	0	0
BE1424	4/19/2023 18:00	7.23	-8.31E+00	25.5	990.6	0	0
BE1424	4/20/2023 6:00	7.24	-8.25E+00	25.5	996.3	0	0
BE1424	4/20/2023 18:00	7.24	-8.30E+00	25.5	989.2	0	0
BE1424	4/21/2023 6:00	7.24	-8.24E+00	25.5	994.6	0	0
BE1424	4/21/2023 18:00	7.24	-8.29E+00	25.5	991.4	0	0
BE1424	4/22/2023 6:00	7.24	-8.23E+00	25.5	995.6	0	0
BE1424	4/22/2023 18:00	7.24	-8.25E+00	25.5	994.8	0	0
BE1424	4/23/2023 6:00	7.25	-8.21E+00	25.5	998.7	0	0
BE1424	4/23/2023 18:00	7.24	-8.23E+00	25.5	1001	0	0
BE1424	4/24/2023 6:00	7.24	-8.19E+00	25.5	1003.1	0	0
BE1424	4/24/2023 18:00	7.24	-8.21E+00	25.5	1000.1	0	0
BE1424	4/25/2023 6:00	7.25	-8.17E+00	25.5	1002.9	0	0
BE1424	4/25/2023 18:00	7.24	-8.19E+00	25.5	999.9	0	0
BE1424	4/26/2023 6:00	7.24	-8.11E+00	25.5	1001	0	0
BE1424	4/26/2023 18:00	7.24	-8.17E+00	25.5	997.3	0	0
BE1424	4/27/2023 6:00	7.24	-8.07E+00	25.5	1000.2	0	0
BE1424	4/27/2023 18:00	7.24	-8.07E+00	25.5	997.8	0	0
BE1424	4/28/2023 6:00	7.25	-8.00E+00	25.5	1001.2	0	0
BE1424	4/28/2023 18:00	7.24	-8.05E+00	25.5	997.1	0	0
BE1424	4/29/2023 6:00	7.25	-7.98E+00	25.5	1001.2	0	0
BE1424	4/29/2023 18:00	7.24	-8.05E+00	25.5	997.3	0	0
BE1424	4/30/2023 6:00	7.24	-8.01E+00	25.5	1001.1	0	0
BE1424	4/30/2023 18:00	7.24	-8.07E+00	25.5	996	0	0
BE1424	05-01-2023 06:00	7.24	-8.00E+00	25.5	999.8	0	0
BE1424	05-01-2023 18:00	7.24	-8.02E+00	25.5	996.9	0	0
BE1424	05-02-2023 06:00	7.24	-7.97E+00	25.5	999.8	0	0
BE1424	05-02-2023 18:00	7.24	-8.01E+00	25.5	996.5	0	0
BE1424	05-03-2023 06:00	7.25	-7.94E+00	25.5	1001.2	0	0
BE1424	05-03-2023 18:00	7.24	-7.92E+00	25.5	998.6	0	0
BE1424	05-04-2023 06:00	7.24	-7.83E+00	25.5	1001.6	0	0
BE1424	05-04-2023 18:00	7.24	-7.81E+00	25.5	997.7	0	0

BE1424	05-05-2023 06:00	7.25	-7.76E+00	25.5	998.1	0	0
BE1424	05-05-2023 18:00	7.24	-7.81E+00	25.5	992.5	0	0
BE1424	05-06-2023 06:00	7.25	-7.72E+00	25.5	995.2	0	0
BE1424	05-06-2023 18:00	7.23	-7.74E+00	25.5	991.4	0	0
BE1424	05-07-2023 06:00	7.25	-7.66E+00	25.5	997.1	0	0
BE1424	05-07-2023 18:00	7.24	-7.72E+00	25.5	993.2	0	0
BE1424	05-08-2023 06:00	7.24	-7.58E+00	25.5	996.7	0	0
BE1424	05-08-2023 18:00	7.24	-7.55E+00	25.5	994.2	0	0
BE1424	05-09-2023 06:00	7.24	-7.50E+00	25.5	996.5	0	0
BE1424	05-09-2023 18:00	7.24	-7.54E+00	25.5	992	0	0
BE1424	05-10-2023 06:00	7.25	-7.49E+00	25.5	995.8	0	0
BE1424	05-10-2023 18:00	7.24	-7.51E+00	25.5	993.2	0	0
BE1424	05-11-2023 06:00	7.24	-7.45E+00	25.5	999.2	0	0
BE1424	05-11-2023 18:00	7.24	-7.50E+00	25.5	995.6	0	0
BE1424	05-12-2023 06:00	7.25	-7.47E+00	25.5	1000.5	0	0
BE1424	05-12-2023 18:00	7.24	-7.53E+00	25.5	996	0	0
BE1424	5/13/2023 6:00	7.25	-7.52E+00	25.5	999.3	0	0
BE1424	5/13/2023 18:00	7.23	-7.58E+00	25.5	994.3	0	0
BE1424	5/14/2023 6:00	7.25	-7.53E+00	25.5	994.9	0	0
BE1424	5/14/2023 18:00	7.24	-7.58E+00	25.5	992	0	0
BE1424	5/15/2023 6:00	7.25	-7.57E+00	25.5	994.4	0	0
BE1424	5/15/2023 18:00	7.24	-7.67E+00	25.5	993.5	0	0
BE1424	5/16/2023 6:00	7.24	-7.61E+00	25.5	997.1	0	0
BE1424	5/16/2023 18:00	7.24	-7.67E+00	25.5	995.8	0	0
BE1424	5/17/2023 6:00	7.24	-7.62E+00	25.5	1000.2	0	0
BE1424	5/17/2023 18:00	7.24	-7.65E+00	25.5	999.8	0	0
BE1424	5/18/2023 6:00	7.24	-7.64E+00	25.5	1002.1	0	0
BE1424	5/18/2023 18:00	7.24	-7.71E+00	25.5	999.4	0	0
BE1424	5/19/2023 6:00	7.24	-7.67E+00	25.5	999.4	0	0
BE1424	5/19/2023 18:00	7.25	-7.70E+00	25.5	996.8	0	0
BE1424	5/20/2023 6:00	7.25	-7.68E+00	25.5	996.4	0	0
BE1424	5/20/2023 18:00	7.24	-7.73E+00	25.5	995.7	0	0
BE1424	5/21/2023 6:00	7.25	-7.70E+00	25.5	998.8	0	0
BE1424	5/21/2023 18:00	7.24	-7.73E+00	25.5	998.2	0	0
BE1424	5/22/2023 6:00	7.24	-7.68E+00	25.5	1000.7	0	0
BE1424	5/22/2023 18:00	7.24	-7.69E+00	25.5	999.6	0	0
BE1424	5/23/2023 6:00	7.25	-7.66E+00	25.5	1001.2	0	0
BE1424	5/23/2023 18:00	7.24	-7.67E+00	25.5	996.6	0	0
BE1424	5/24/2023 6:00	7.25	-7.63E+00	25.5	998.4	0	0
BE1424	5/24/2023 18:00	7.24	-7.66E+00	25.5	996.2	0	0
BE1424	5/25/2023 6:00	7.25	-7.57E+00	25.5	998.4	0	0
BE1424	5/25/2023 18:00	7.24	-7.59E+00	25.5	995.1	0	0
BE1424	5/26/2023 6:00	7.25	-7.48E+00	25.5	997.8	0	0
BE1424	5/26/2023 18:00	7.24	-7.48E+00	25.5	996.4	0	0
BE1424	5/27/2023 6:00	7.25	-7.44E+00	25.5	996.9	0	0
BE1424	5/27/2023 18:00	7.24	-7.48E+00	25.5	997.6	0	0
BE1424	5/28/2023 6:00	7.25	-7.44E+00	25.5	999.1	0	0
BE1424	5/28/2023 18:00	7.24	-7.54E+00	25.5	997	0	0
BE1424	5/29/2023 6:00	7.25	-7.43E+00	25.5	999.7	0	0
BE1424	5/29/2023 18:00	7.24	-7.48E+00	25.5	997	0	0
BE1424	5/30/2023 6:00	7.25	-7.42E+00	25.5	999	0	0
BE1424	5/30/2023 18:00	7.24	-7.47E+00	25.5	994.8	0	0
BE1424	5/31/2023 6:00	7.25	-7.40E+00	25.5	997	0	0
BE1424	5/31/2023 18:00	7.24	-7.45E+00	25.5	992.5	0	0
BE1424	06-01-2023 06:00	7.25	-7.41E+00	25.5	994.6	0	0
BE1424	06-01-2023 18:00	7.24	-7.48E+00	25.5	992	0	0
BE1424	06-02-2023 06:00	7.25	-7.43E+00	25.5	994.2	0	0
BE1424	06-02-2023 18:00	7.23	-7.48E+00	25.5	990.7	0	0
BE1424	06-03-2023 06:00	7.25	-7.50E+00	25.5	995.4	0	0
BE1424	06-03-2023 18:00	7.24	-7.60E+00	25.5	993.7	0	0
BE1424	06-04-2023 06:00	7.25	-7.55E+00	25.5	997.2	0	0
BE1424	06-04-2023 18:00	7.24	-7.64E+00	25.5	992.8	0	0
BE1424	06-05-2023 06:00	7.25	-7.59E+00	25.5	995.9	0	0
BE1424	06-05-2023 18:00	7.24	-7.63E+00	25.5	991.4	0	0
BE1424	06-06-2023 06:00	7.25	-7.58E+00	25.5	994.2	0	0
BE1424	06-06-2023 18:00	7.24	-7.61E+00	25.5	989.8	0	0
BE1424	06-07-2023 06:00	7.25	-7.53E+00	25.5	993.2	0	0
BE1424	06-07-2023 18:00	7.24	-7.58E+00	25.5	990.8	0	0
BE1424	06-08-2023 06:00	7.25	-7.52E+00	25.5	993.6	0	0
BE1424	06-08-2023 18:00	7.24	-7.56E+00	25.5	989.9	0	0
BE1424	06-09-2023 06:00	7.25	-7.51E+00	25.5	993	0	0
BE1424	06-09-2023 18:00	7.24	-7.46E+00	25.5	990.4	0	0

BE1424	06-10-2023 06:00	7.25	-7.41E+00	25.5	991.6	0	0
BE1424	06-10-2023 18:00	7.24	-7.41E+00	25.5	989.5	0	0
BE1424	06-11-2023 06:00	7.25	-7.31E+00	25.5	990.7	0	0
BE1424	06-11-2023 18:00	7.25	-7.27E+00	25.5	990.1	0	0
BE1424	06-12-2023 06:00	7.25	-7.15E+00	25.5	992	0	0
BE1424	06-12-2023 18:00	7.24	-7.11E+00	25.5	988.9	0	0
BE1424	6/13/2023 6:00	7.25	-7.01E+00	25.5	991.5	0	0
BE1424	6/13/2023 18:00	7.25	-6.86E+00	25.5	984.2	0	0
BE1424	6/14/2023 6:00	7.25	-6.76E+00	25.5	990.2	0	0
BE1424	6/14/2023 18:00	7.25	-6.65E+00	25.5	990.5	0	0
BE1424	6/15/2023 6:00	7.25	-6.50E+00	25.5	992.7	0	0
BE1424	6/15/2023 18:00	7.25	-6.38E+00	25.5	991.5	0	0
BE1424	6/16/2023 6:00	7.25	-6.06E+00	25.5	992.3	0	0
BE1424	6/16/2023 18:00	7.25	-5.84E+00	25.5	990.6	0	0
BE1424	6/17/2023 6:00	7.25	-5.58E+00	25.5	994.4	0	0
BE1424	6/17/2023 18:00	7.25	-5.33E+00	25.5	991.8	0	0
BE1424	6/18/2023 6:00	7.25	-5.12E+00	25.5	996.4	0	0
BE1424	6/18/2023 18:00	7.25	-4.99E+00	25.5	993.1	0	0
BE1424	6/19/2023 6:00	7.24	-4.80E+00	25.5	995	0	0
BE1424	6/19/2023 18:00	7.24	-4.74E+00	25.5	994	0	0
BE1424	6/20/2023 6:00	7.25	-4.59E+00	25.5	994	0	0
BE1424	6/20/2023 18:00	7.24	-4.54E+00	25.5	993	0	0
BE1424	6/21/2023 6:00	7.25	-4.41E+00	25.5	995.4	0	0
BE1424	6/21/2023 18:00	7.24	-4.42E+00	25.5	993.6	0	0
BE1424	6/22/2023 6:00	7.24	-4.34E+00	25.5	995.7	0	0
BE1424	6/22/2023 18:00	7.24	-4.34E+00	25.5	993.4	0	0
BE1424	6/23/2023 6:00	7.25	-4.26E+00	25.5	995.9	0	0
BE1424	6/23/2023 18:00	7.24	-4.29E+00	25.5	992.5	0	0
BE1424	6/24/2023 6:00	7.25	-4.21E+00	25.5	994.5	0	0
BE1424	6/24/2023 18:00	7.24	-4.27E+00	25.5	991.7	0	0
BE1424	6/25/2023 6:00	7.24	-4.15E+00	25.5	994	0	0
BE1424	6/25/2023 18:00	7.24	-4.24E+00	25.5	991.3	0	0
BE1424	6/26/2023 6:00	7.24	-4.14E+00	25.5	996.1	0	0
BE1424	6/26/2023 18:00	7.24	-4.21E+00	25.5	990.5	0	0
BE1424	6/27/2023 6:00	7.24	-4.21E+00	25.5	994.1	0	0
BE1424	6/27/2023 18:00	7.24	-4.29E+00	25.5	994	0	0
BE1424	6/28/2023 6:00	7.24	-4.26E+00	25.5	997	0	0
BE1424	6/28/2023 18:00	7.24	-4.43E+00	25.5	996.1	0	0
BE1424	6/29/2023 6:00	7.24	-4.49E+00	25.5	996.3	0	0
BE1424	6/29/2023 18:00	7.24	-4.58E+00	25.5	994.3	0	0
BE1424	6/30/2023 6:00	7.24	-4.60E+00	25.5	995.7	0	0
BE1424	6/30/2023 18:00	7.24	-4.60E+00	25.5	993.2	0	0
BE1424	07-01-2023 06:00	7.24	-4.49E+00	25.5	994.2	0	0
BE1424	07-01-2023 18:00	7.24	-4.42E+00	25.5	994.1	0	0
BE1424	07-02-2023 06:00	7.24	-4.28E+00	25.5	994.1	0	0
BE1424	07-02-2023 18:00	7.24	-4.32E+00	25.5	993.2	0	0
BE1424	07-03-2023 06:00	7.24	-4.25E+00	25.5	994.3	0	0
BE1424	07-03-2023 18:00	7.24	-4.30E+00	25.5	992.6	0	0
BE1424	07-04-2023 06:00	7.24	-4.19E+00	25.5	994.4	0	0
BE1424	07-04-2023 18:00	7.24	-4.09E+00	25.5	992.5	0	0
BE1424	07-05-2023 06:00	7.24	-4.00E+00	25.5	993.7	0	0
BE1424	07-05-2023 18:00	7.24	-4.00E+00	25.5	990.6	0	0
BE1424	07-06-2023 06:00	7.24	-3.93E+00	25.5	994.6	0	0
BE1424	07-06-2023 18:00	7.24	-3.90E+00	25.5	993.4	0	0
BE1424	07-07-2023 06:00	7.24	-3.88E+00	25.5	996.3	0	0
BE1424	07-07-2023 18:00	7.24	-3.92E+00	25.5	995	0	0
BE1424	07-08-2023 06:00	7.24	-3.89E+00	25.5	997.3	0	0
BE1424	07-08-2023 18:00	7.24	-3.90E+00	25.5	995.7	0	0
BE1424	07-09-2023 06:00	7.24	-3.85E+00	25.5	996.3	0	0
BE1424	07-09-2023 18:00	7.24	-3.88E+00	25.5	994	0	0
BE1424	07-10-2023 06:00	7.24	-3.79E+00	25.5	995.5	0	0
BE1424	07-10-2023 18:00	7.24	-3.84E+00	25.5	993.9	0	0
BE1424	07-11-2023 06:00	7.24	-3.79E+00	25.5	994.7	0	0
BE1424	07-11-2023 18:00	7.24	-3.78E+00	25.5	992.9	0	0
BE1424	07-12-2023 06:00	7.24	-3.70E+00	25.5	994.3	0	0
BE1424	07-12-2023 18:00	7.24	-3.65E+00	25.5	994	0	0
BE1424	7/13/2023 6:00	7.24	-3.52E+00	25.5	994	0	0
BE1424	7/13/2023 18:00	7.24	-3.43E+00	25.5	993.3	0	0
BE1424	7/14/2023 6:00	7.24	-3.36E+00	25.5	996	0	0
BE1424	7/14/2023 18:00	7.24	-3.39E+00	25.5	993.4	0	0
BE1424	7/15/2023 6:00	7.24	-3.31E+00	25.5	995.3	0	0
BE1424	7/15/2023 18:00	7.24	-3.30E+00	25.5	992.8	0	0

BE1424	7/16/2023 6:00	7.24	-3.19E+00	25.5	994	0	0
BE1424	7/16/2023 18:00	7.24	-3.21E+00	25.5	993.3	0	0
BE1424	7/17/2023 6:00	7.24	-3.12E+00	25.5	994.6	0	0
BE1424	7/17/2023 18:00	7.24	-3.14E+00	25.5	993.1	0	0
BE1424	7/18/2023 6:00	7.24	-3.12E+00	25.5	994.3	0	0
BE1424	7/18/2023 18:00	7.23	-3.27E+00	25.5	989.1	0	0
BE1424	7/19/2023 6:00	7.24	-3.20E+00	25.5	992.7	0	0
BE1424	7/19/2023 18:00	7.24	-3.36E+00	25.5	988.8	0	0
BE1424	7/20/2023 6:00	7.24	-3.26E+00	25.5	991.6	0	0
BE1424	7/20/2023 18:00	7.23	-3.43E+00	25.5	989.6	0	0
BE1424	7/21/2023 6:00	7.24	-3.31E+00	25.5	996	0	0
BE1424	7/21/2023 18:00	7.24	-3.32E+00	25.5	994.9	0	0
BE1424	7/22/2023 6:00	7.24	-3.30E+00	25.5	998.5	0	0
BE1424	7/22/2023 18:00	7.24	-3.40E+00	25.5	996.3	0	0
BE1424	7/23/2023 6:00	7.24	-3.42E+00	25.5	999.6	0	0
BE1424	7/23/2023 18:00	7.24	-3.50E+00	25.5	994	0	0
BE1424	7/24/2023 6:00	7.24	-3.48E+00	25.5	996	0	0
BE1424	7/24/2023 18:00	7.24	-3.52E+00	25.5	992.6	0	0
BE1424	7/25/2023 6:00	7.24	-3.50E+00	25.5	996.3	0	0
BE1424	7/25/2023 18:00	7.24	-3.54E+00	25.5	993.5	0	0
BE1424	7/26/2023 6:00	7.24	-3.55E+00	25.5	996.3	0	0
BE1424	7/26/2023 18:00	7.24	-3.61E+00	25.5	995.4	0	0
BE1424	7/27/2023 6:00	7.24	-3.61E+00	25.5	995.8	0	0
BE1424	7/27/2023 18:00	7.24	-3.65E+00	25.5	990.8	0	0
BE1424	7/28/2023 6:00	7.24	-3.59E+00	25.5	993	0	0
BE1424	7/28/2023 18:00	7.24	-3.62E+00	25.5	990.7	0	0
BE1424	7/29/2023 6:00	7.24	-3.58E+00	25.5	991.9	0	0
BE1424	7/29/2023 18:00	7.24	-3.66E+00	25.5	990.1	0	0
BE1424	7/30/2023 6:00	7.24	-3.63E+00	25.5	991.5	0	0
BE1424	7/30/2023 18:00	7.24	-3.66E+00	25.5	987.7	0	0
BE1424	7/31/2023 6:00	7.24	-3.61E+00	25.5	989.1	0	0
BE1424	7/31/2023 18:00	7.23	-3.73E+00	25.5	986.5	0	0
BE1424	08-01-2023 06:00	7.24	-3.64E+00	25.5	987.5	0	0
BE1424	08-01-2023 18:00	7.24	-3.73E+00	25.5	984.6	0	0
BE1424	08-02-2023 06:00	7.24	-3.67E+00	25.5	988.9	0	0
BE1424	08-02-2023 18:00	7.24	-3.76E+00	25.5	988.2	0	0
BE1424	08-03-2023 06:00	7.24	-3.72E+00	25.5	992.1	0	0
BE1424	08-03-2023 18:00	7.24	-3.78E+00	25.5	990	0	0
BE1424	08-04-2023 06:00	7.24	-3.77E+00	25.5	994	0	0
BE1424	08-04-2023 18:00	7.24	-3.82E+00	25.5	993.2	0	0
BE1424	08-05-2023 06:00	7.24	-3.79E+00	25.5	995.3	0	0
BE1424	08-05-2023 18:00	7.24	-3.84E+00	25.5	991.8	0	0
BE1424	08-06-2023 06:00	7.24	-3.81E+00	25.5	992.2	0	0
BE1424	08-06-2023 18:00	7.24	-3.87E+00	25.5	989	0	0
BE1424	08-07-2023 06:00	7.24	-3.82E+00	25.5	989.2	0	0
BE1424	08-07-2023 18:00	7.24	-3.80E+00	25.5	984.8	0	0
BE1424	08-08-2023 06:00	7.24	-3.74E+00	25.5	988.9	0	0
BE1424	08-08-2023 18:00	7.24	-3.77E+00	25.5	989.1	0	0
BE1424	08-09-2023 06:00	7.24	-3.65E+00	25.5	994.6	0	0
BE1424	08-09-2023 18:00	7.24	-3.63E+00	25.5	994.2	0	0
BE1424	08-10-2023 06:00	7.24	-3.49E+00	25.5	995.2	0	0
BE1424	08-10-2023 18:00	7.24	-3.44E+00	25.5	995	0	0
BE1424	08-11-2023 06:00	7.24	-3.33E+00	25.5	995.8	0	0
BE1424	08-11-2023 18:00	7.23	-3.36E+00	25.5	992.8	0	0
BE1424	08-12-2023 06:00	7.24	-3.29E+00	25.5	993.1	0	0
BE1424	08-12-2023 18:00	7.24	-3.33E+00	25.5	987.9	0	0
BE1424	8/13/2023 6:00	7.24	-3.27E+00	25.5	992	0	0
BE1424	8/13/2023 18:00	7.24	-3.34E+00	25.5	993.5	0	0
BE1424	8/14/2023 6:00	7.24	-3.27E+00	25.5	995.8	0	0
BE1424	8/14/2023 18:00	7.24	-3.29E+00	25.5	991.6	0	0
BE1424	8/15/2023 6:00	7.24	-3.22E+00	25.5	994.6	0	0
BE1424	8/15/2023 18:00	7.24	-3.27E+00	25.5	992.2	0	0
BE1424	8/16/2023 6:00	7.24	-3.27E+00	25.5	994.8	0	0
BE1424	8/16/2023 18:00	7.24	-3.22E+00	25.5	992.6	0	0
BE1424	8/17/2023 6:00	7.24	-3.14E+00	25.5	995	0	0
BE1424	8/17/2023 18:00	7.23	-3.21E+00	25.5	991.1	0	0
BE1424	8/18/2023 6:00	7.24	-3.11E+00	25.5	995.2	0	0
BE1424	8/18/2023 18:00	7.24	-3.10E+00	25.5	992.2	0	0
BE1424	8/19/2023 6:00	7.24	-3.06E+00	25.5	996.2	0	0
BE1424	8/19/2023 18:00	7.24	-3.15E+00	25.5	995.2	0	0
BE1424	8/20/2023 6:00	7.24	-3.12E+00	25.5	997.1	0	0
BE1424	8/20/2023 18:00	7.24	-3.23E+00	25.5	994.2	0	0

BE1424	8/21/2023 6:00	7.24	-3.19E+00	25.5	995	0	0
BE1424	8/21/2023 18:00	7.24	-3.33E+00	25.5	993.3	0	0
BE1424	8/22/2023 6:00	7.24	-3.31E+00	25.5	994.4	0	0
BE1424	8/22/2023 18:00	7.24	-3.39E+00	25.5	996.2	0	0
BE1424	8/23/2023 6:00	7.24	-3.35E+00	25.5	996	0	0
BE1424	8/23/2023 18:00	7.24	-3.38E+00	25.5	992.2	0	0
BE1424	8/24/2023 6:00	7.23	-3.30E+00	25.5	992.8	0	0
BE1424	8/24/2023 18:00	7.24	-3.35E+00	25.5	992.1	0	0
BE1424	8/25/2023 6:00	7.24	-3.29E+00	25.5	992	0	0
BE1424	8/25/2023 18:00	7.23	-3.39E+00	25.5	989.3	0	0
BE1424	8/26/2023 6:00	7.23	-3.23E+00	25.5	991.8	0	0
BE1424	8/26/2023 18:00	7.24	-3.23E+00	25.5	991.1	0	0
BE1424	8/27/2023 6:00	7.23	-3.11E+00	25.5	991.8	0	0
BE1424	8/27/2023 18:00	7.23	-3.12E+00	25.5	990.2	0	0
BE1424	8/28/2023 6:00	7.23	-2.98E+00	25.5	992.2	0	0
BE1424	8/28/2023 18:00	7.23	-2.92E+00	25.5	992	0	0
BE1424	8/29/2023 6:00	7.23	-2.79E+00	25.5	995.8	0	0
BE1424	8/29/2023 18:00	7.23	-2.73E+00	25.5	992.9	0	0
BE1424	8/30/2023 6:00	7.23	-2.56E+00	25.5	996.4	0	0
BE1424	8/30/2023 18:00	7.23	-2.50E+00	25.5	992.4	0	0
BE1424	8/31/2023 6:00	7.23	-2.39E+00	25.5	996.8	0	0
BE1424	8/31/2023 18:00	7.23	-2.41E+00	25.5	993.9	0	0
BE1424	09-01-2023 06:00	7.23	-2.30E+00	25.5	995.9	0	0
BE1424	09-01-2023 18:00	7.23	-2.39E+00	25.5	993.6	0	0
BE1424	09-02-2023 06:00	7.23	-2.35E+00	25.5	995.2	0	0
BE1424	09-02-2023 18:00	7.23	-2.46E+00	25.5	991.8	0	0
BE1424	09-03-2023 06:00	7.23	-2.51E+00	25.5	995.6	0	0
BE1424	09-03-2023 18:00	7.23	-2.66E+00	25.5	989.2	0	0
BE1424	09-04-2023 06:00	7.23	-2.71E+00	25.5	993.4	0	0
BE1424	09-04-2023 18:00	7.23	-2.88E+00	25.5	989.6	0	0
BE1424	09-05-2023 06:00	7.23	-2.96E+00	25.5	994.5	0	0
BE1424	09-05-2023 18:00	7.23	-3.10E+00	25.5	991.3	0	0
BE1424	09-06-2023 06:00	7.23	-3.12E+00	25.5	995.3	0	0
BE1424	09-06-2023 18:00	7.22	-3.35E+00	25.5	991.4	0	0
BE1424	09-07-2023 06:00	7.23	-3.42E+00	25.5	996	0	0
BE1424	09-07-2023 18:00	7.23	-3.53E+00	25.5	990.6	0	0
BE1424	09-08-2023 06:00	7.23	-3.37E+00	25.5	998	0	0
BE1424	09-08-2023 18:00	7.23	-3.48E+00	25.5	996.3	0	0
BE1424	09-09-2023 06:00	7.22	-3.50E+00	25.5	997.8	0	0
BE1424	09-09-2023 18:00	7.22	-3.68E+00	25.5	992.8	0	0
BE1424	09-10-2023 06:00	7.22	-3.72E+00	25.5	995.4	0	0
BE1424	09-10-2023 18:00	7.22	-3.87E+00	25.5	991.3	0	0
BE1424	09-11-2023 06:00	7.23	-3.82E+00	25.5	993.5	0	0
BE1424	09-11-2023 18:00	7.22	-3.91E+00	25.5	989.9	0	0
BE1424	09-12-2023 06:00	7.22	-3.83E+00	25.5	994.3	0	0
BE1424	09-12-2023 18:00	7.22	-3.87E+00	25.5	991.1	0	0
BE1424	9/13/2023 6:00	7.22	-3.79E+00	25.5	994	0	0
BE1424	9/13/2023 18:00	7.22	-3.80E+00	25.5	991.5	0	0
BE1424	9/14/2023 6:00	7.22	-3.77E+00	25.5	996.1	0	0
BE1424	9/14/2023 18:00	7.22	-3.85E+00	25.5	992.6	0	0
BE1424	9/15/2023 6:00	7.22	-3.71E+00	25.5	998.1	0	0
BE1424	9/15/2023 18:00	7.22	-3.65E+00	25.5	994.1	0	0
BE1424	9/16/2023 6:00	7.22	-3.62E+00	25.5	996.7	0	0
BE1424	9/16/2023 18:00	7.22	-3.77E+00	25.5	993.8	0	0
BE1424	9/17/2023 6:00	7.21	-3.79E+00	25.5	996.3	0	0
BE1424	9/17/2023 18:00	7.22	-3.96E+00	25.5	990.8	0	0
BE1424	9/18/2023 6:00	7.22	-3.97E+00	25.5	993.4	0	0
BE1424	9/18/2023 18:00	7.22	-4.13E+00	25.5	993.1	0	0
BE1424	9/19/2023 6:00	7.21	-4.17E+00	25.5	998.2	0	0
BE1424	9/19/2023 18:00	7.21	-4.31E+00	25.5	995.7	0	0
BE1424	9/20/2023 6:00	7.21	-4.33E+00	25.5	999.7	0	0
BE1424	9/20/2023 18:00	7.21	-4.34E+00	25.5	995.9	0	0
BE1424	9/21/2023 6:00	7.21	-4.32E+00	25.5	999.6	0	0
BE1424	9/21/2023 18:00	7.21	-4.37E+00	25.5	998.2	0	0
BE1424	9/22/2023 6:00	7.21	-4.28E+00	25.5	1000.2	0	0
BE1424	9/22/2023 18:00	7.21	-4.33E+00	25.5	998.3	0	0
BE1424	9/23/2023 6:00	7.21	-4.30E+00	25.5	999.2	0	0
BE1424	9/23/2023 18:00	7.21	-4.33E+00	25.5	996.7	0	0
BE1424	9/24/2023 6:00	7.21	-4.27E+00	25.5	998.5	0	0
BE1424	9/24/2023 18:00	7.21	-4.26E+00	25.5	995.4	0	0
BE1424	9/25/2023 6:00	7.21	-4.24E+00	25.5	998.9	0	0
BE1424	9/25/2023 18:00	7.21	-4.21E+00	25.5	996.2	0	0

BE1424	9/26/2023 6:00	7.21	-4.13E+00	25.5	998.3	0	0
BE1424	9/26/2023 18:00	7.21	-4.13E+00	25.5	995.1	0	0
BE1424	9/27/2023 6:00	7.2	-4.08E+00	25.5	998.6	0	0
BE1424	9/27/2023 18:00	7.21	-4.10E+00	25.5	993.8	0	0
BE1424	9/28/2023 6:00	7.2	-4.03E+00	25.5	998	0	0
BE1424	9/28/2023 18:00	7.21	-4.06E+00	25.5	992.4	0	0
BE1424	9/29/2023 6:00	7.2	-4.01E+00	25.5	997	0	0
BE1424	9/29/2023 18:00	7.2	-4.06E+00	25.5	992.8	0	0
BE1424	9/30/2023 6:00	7.2	-4.04E+00	25.5	996.6	0	0
BE1424	9/30/2023 18:00	7.21	-4.11E+00	25.5	993.5	0	0
BE1424	10-01-2023 06:00	7.21	-4.20E+00	25.5	996.6	0	0
BE1424	10-01-2023 18:00	7.2	-4.30E+00	25.5	994.5	0	0
BE1424	10-02-2023 06:00	7.2	-4.37E+00	25.5	997.5	0	0
BE1424	10-02-2023 18:00	7.2	-4.47E+00	25.5	992.6	0	0
BE1424	10-03-2023 06:00	7.2	-4.52E+00	25.5	998.6	0	0
BE1424	10-03-2023 18:00	7.2	-4.60E+00	25.5	996.9	0	0
BE1424	10-04-2023 06:00	7.2	-4.61E+00	25.5	999.5	0	0
BE1424	10-04-2023 18:00	7.2	-4.59E+00	25.5	998.3	0	0
BE1424	10-05-2023 06:00	7.2	-4.52E+00	25.5	999.1	0	0
BE1424	10-05-2023 18:00	7.2	-4.53E+00	25.5	996.9	0	0
BE1424	10-06-2023 06:00	7.19	-4.46E+00	25.5	997.7	0	0
BE1424	10-06-2023 18:00	7.19	-4.47E+00	25.5	997.1	0	0
BE1424	10-07-2023 06:00	7.19	-4.25E+00	25.5	998	0	0
BE1424	10-07-2023 18:00	7.2	-4.11E+00	25.5	997.4	0	0
BE1424	10-08-2023 06:00	7.2	-3.97E+00	25.5	998.7	0	0
BE1424	10-08-2023 18:00	7.2	-3.96E+00	25.5	997.6	0	0
BE1424	10-09-2023 06:00	7.19	-3.87E+00	25.5	999.2	0	0
BE1424	10-09-2023 18:00	7.2	-3.88E+00	25.5	998.2	0	0
BE1424	10-10-2023 06:00	7.19	-3.79E+00	25.5	1002	0	0
BE1424	10-10-2023 18:00	7.2	-3.69E+00	25.5	998.5	0	0
BE1424	10-11-2023 06:00	7.19	-3.51E+00	25.5	1000	0	0
BE1424	10-11-2023 18:00	7.2	-3.46E+00	25.5	998.4	0	0
BE1424	10-12-2023 06:00	7.19	-3.39E+00	25.5	1002	0	0
BE1424	10-12-2023 18:00	7.2	-3.42E+00	25.5	1000.3	0	0
BE1424	10/13/2023 6:00	7.19	-3.32E+00	25.5	1004.1	0	0
BE1424	10/13/2023 18:00	7.2	-3.36E+00	25.5	1001.3	0	0
BE1424	10/14/2023 6:00	7.19	-3.36E+00	25.5	1003.2	0	0
BE1424	10/14/2023 18:00	7.19	-3.47E+00	25.5	1000	0	0
BE1424	10/15/2023 6:00	7.19	-3.50E+00	25.5	1001.9	0	0
BE1424	10/15/2023 18:00	7.2	-3.59E+00	25.5	999	0	0
BE1424	10/16/2023 6:00	7.19	-3.67E+00	25.5	1003.3	0	0
BE1424	10/16/2023 18:00	7.2	-3.78E+00	25.5	1000.4	0	0
BE1424	10/17/2023 6:00	7.19	-3.85E+00	25.5	1003.4	0	0
BE1424	10/17/2023 18:00	7.2	-3.95E+00	25.5	1000.3	0	0
BE1424	10/18/2023 6:00	7.19	-4.04E+00	25.5	1003.5	0	0
BE1424	10/18/2023 18:00	7.19	-4.18E+00	25.5	1001	0	0
BE1424	10/19/2023 6:00	7.19	-4.26E+00	25.5	1004.1	0	0
BE1424	10/19/2023 18:00	7.19	-4.37E+00	25.5	1001.6	0	0
BE1424	10/20/2023 6:00	7.19	-4.43E+00	25.5	1005.2	0	0
BE1424	10/20/2023 18:00	7.2	-4.53E+00	25.5	1001.2	0	0
BE1424	10/21/2023 6:00	7.19	-4.57E+00	25.5	1005.6	0	0
BE1424	10/21/2023 18:00	7.19	-4.68E+00	25.5	1002	0	0
BE1424	10/22/2023 6:00	7.19	-4.72E+00	25.5	1005.9	0	0
BE1424	10/22/2023 18:00	7.19	-4.79E+00	25.5	1001.8	0	0
BE1424	10/23/2023 6:00	7.19	-4.82E+00	25.5	1005.4	0	0
BE1424	10/23/2023 18:00	7.19	-4.89E+00	25.5	1000.8	0	0
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BE1424	10/24/2023 18:00	7.19	-4.98E+00	25.5	1000.5	0	0
BE1424	10/25/2023 6:00	7.19	-5.02E+00	25.5	1003.1	0	0
BE1424	10/25/2023 18:00	7.19	-5.08E+00	25.5	1000.6	0	0
BE1424	10/26/2023 6:00	7.19	-5.09E+00	25.5	1003.2	0	0
BE1424	10/26/2023 18:00	7.19	-5.15E+00	25.5	1000.9	0	0
BE1424	10/27/2023 6:00	7.19	-5.16E+00	25.5	1003.7	0	0
BE1424	10/27/2023 18:00	7.19	-5.22E+00	25.5	1000.4	0	0
BE1424	10/28/2023 6:00	7.19	-5.20E+00	25.5	1004.2	0	0
BE1424	10/28/2023 18:00	7.19	-5.26E+00	25.5	1000.7	0	0
BE1424	10/29/2023 6:00	7.19	-5.28E+00	25.5	1004	0	0
BE1424	10/29/2023 18:00	7.19	-5.33E+00	25.5	1001	0	0
BE1424	10/30/2023 6:00	7.19	-5.29E+00	25.5	1005.1	0	0
BE1424	10/30/2023 18:00	7.19	-5.35E+00	25.5	1001.6	0	0
BE1424	10/31/2023 6:00	7.18	-5.35E+00	25.5	1006.2	0	0
BE1424	10/31/2023 18:00	7.19	-5.42E+00	25.5	1002.7	0	0

BE1424	11-01-2023 06:00	7.19	-5.41E+00	25.5	1006.6	0	0
BE1424	11-01-2023 18:00	7.19	-5.48E+00	25.5	1002.2	0	0
BE1424	11-02-2023 06:00	7.18	-5.46E+00	25.5	1005.1	0	0
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BE1424	11-03-2023 06:00	7.19	-5.52E+00	25.5	1003.4	0	0
BE1424	11-03-2023 18:00	7.19	-5.57E+00	25.5	999.5	0	0
BE1424	11-04-2023 06:00	7.19	-5.56E+00	25.5	1001.8	0	0
BE1424	11-04-2023 18:00	7.19	-5.64E+00	25.5	999.3	0	0
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BE1424	11-05-2023 18:00	7.19	-5.68E+00	25.5	1002.9	0	0
BE1424	11-06-2023 06:00	7.18	-5.65E+00	25.5	1005.7	0	0
BE1424	11-06-2023 18:00	7.19	-5.69E+00	25.5	1001.9	0	0
BE1424	11-07-2023 06:00	7.18	-5.69E+00	25.5	1004.6	0	0
BE1424	11-07-2023 18:00	7.19	-5.72E+00	25.5	1000.2	0	0
BE1424	11-08-2023 06:00	7.18	-5.73E+00	25.5	1003.1	0	0
BE1424	11-08-2023 18:00	7.19	-5.79E+00	25.5	1000.2	0	0
BE1424	11-09-2023 06:00	7.18	-5.76E+00	25.5	1003.8	0	0
BE1424	11-09-2023 18:00	7.19	-5.79E+00	25.5	1001.6	0	0
BE1424	11-10-2023 18:00	7.19	-5.89E+00	25.5	1003.4	0	0
BE1424	11-11-2023 06:00	7.18	-5.88E+00	25.5	1006.7	0	0
BE1424	11-11-2023 18:00	7.19	-5.94E+00	25.5	1003.5	0	0
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BE1424	11/14/2023 6:00	7.18	-6.09E+00	25.5	1007.8	0	0
BE1424	11/14/2023 18:00	7.19	-6.17E+00	25.5	1003.4	0	0
BE1424	11/15/2023 6:00	7.18	-6.16E+00	25.5	1007.1	0	0
BE1424	11/15/2023 18:00	7.19	-6.23E+00	25.5	1004.4	0	0
BE1424	11/16/2023 6:00	7.18	-6.21E+00	25.5	1008	0	0
BE1424	11/16/2023 18:00	7.19	-6.25E+00	25.5	1006.8	0	0
BE1424	11/17/2023 6:00	7.18	-6.21E+00	25.5	1008.4	0	0
BE1424	11/17/2023 18:00	7.18	-6.27E+00	25.5	1005.9	0	0
BE1424	11/18/2023 6:00	7.18	-6.25E+00	25.5	1007.1	0	0
BE1424	11/18/2023 18:00	7.18	-6.29E+00	25.5	1004.3	0	0
BE1424	11/19/2023 6:00	7.17	-6.26E+00	25.5	1008.3	0	0
BE1424	11/19/2023 18:00	7.18	-6.30E+00	25.5	1003.8	0	0
BE1424	11/20/2023 6:00	7.17	-6.24E+00	25.5	1006.6	0	0
BE1424	11/20/2023 18:00	7.19	-6.29E+00	25.5	1003.4	0	0
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BE1424	11/23/2023 18:00	7.19	-6.35E+00	25.5	1001.4	0	0
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BE1424	11/26/2023 18:00	7.19	-6.52E+00	25.5	1005.2	0	0
BE1424	11/27/2023 6:00	7.17	-6.48E+00	25.5	1008.3	0	0
BE1424	11/27/2023 18:00	7.19	-6.58E+00	25.5	1003.8	0	0
BE1424	11/28/2023 6:00	7.17	-6.52E+00	25.5	1005.6	0	0
BE1424	11/28/2023 18:00	7.18	-6.59E+00	25.5	1001.8	0	0
BE1424	11/29/2023 6:00	7.17	-6.55E+00	25.5	1005.5	0	0
BE1424	11/29/2023 18:00	7.18	-6.62E+00	25.5	1004	0	0
BE1424	11/30/2023 6:00	7.17	-6.61E+00	25.5	1007.4	0	0
BE1424	11/30/2023 18:00	7.18	-6.67E+00	25.5	1004.2	0	0
BE1424	12-01-2023 06:00	7.17	-6.62E+00	25.5	1006.8	0	0
BE1424	12-01-2023 18:00	7.18	-6.70E+00	25.5	1001.8	0	0
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BE1424	12-02-2023 18:00	7.18	-6.74E+00	25.5	1003.6	0	0
BE1424	12-03-2023 06:00	7.17	-6.70E+00	25.5	1006.7	0	0
BE1424	12-03-2023 18:00	7.18	-6.77E+00	25.5	1003.2	0	0
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BE1424	12-07-2023 18:00	7.17	-6.88E+00	25.5	1003.8	0	0
BE1424	12-08-2023 06:00	7.17	-6.85E+00	25.5	1003.6	0	0
BE1424	12-08-2023 18:00	7.17	-6.91E+00	25.5	1002.6	0	0
BE1424	12-09-2023 06:00	7.17	-6.87E+00	25.5	1005.4	0	0
BE1424	12-09-2023 18:00	7.18	-6.90E+00	25.5	1002	0	0
BE1424	12-10-2023 06:00	7.17	-6.83E+00	25.5	1003.4	0	0
BE1424	12-10-2023 18:00	7.18	-6.87E+00	25.5	1001.8	0	0
BE1424	12-11-2023 06:00	7.17	-6.80E+00	25.5	1004.8	0	0
BE1424	12-11-2023 18:00	7.18	-6.85E+00	25.5	1002.6	0	0
BE1424	12-12-2023 06:00	7.17	-6.77E+00	25.5	1003.9	0	0
BE1424	12-12-2023 18:00	7.18	-6.78E+00	25.5	1001	0	0
BE1424	12/13/2023 6:00	7.17	-6.75E+00	25.5	1003.4	0	0
BE1424	12/13/2023 18:00	7.18	-6.78E+00	25.5	1001.2	0	0
BE1424	12/14/2023 6:00	7.17	-6.81E+00	25.5	1006.1	0	0
BE1424	12/14/2023 18:00	7.17	-6.88E+00	25.5	1005.8	0	0
BE1424	12/15/2023 6:00	7.16	-6.84E+00	25.5	1008.5	0	0

Annexure IV

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 Bubul Bora
AGE : 43 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 Anjan Kr Bhuyan, MD
Consultant Radiologist

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

 90856-12000



16

Patient Name :

Babul Boruah

Date

13.10.23

Age

43

Gender

M

prescription

Ym { ±, + 3.75 mg
 { ±, + 1.75 mg

Next appointment on :

BA



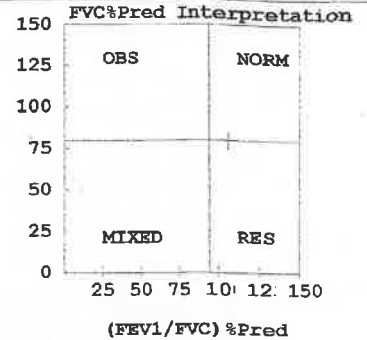
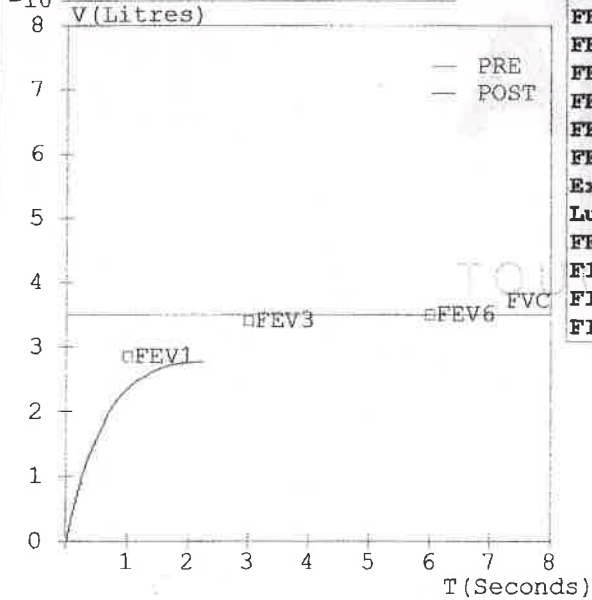
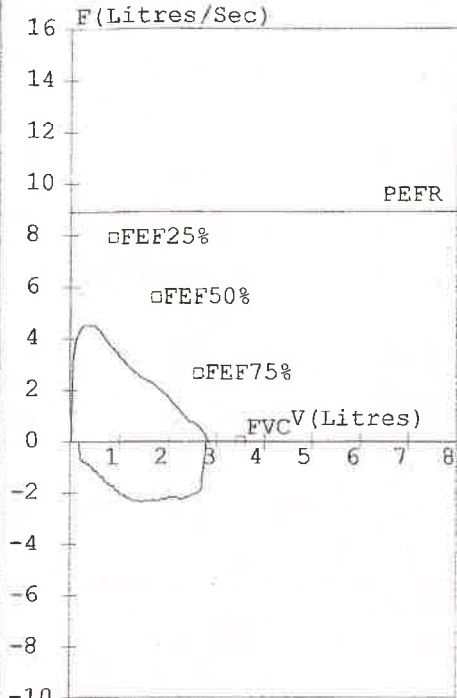
R. K. Life Services Pvt Ltd. (CIN. No: U85110AS2002PTC006987)



Patient: BABUL BORAH, Opp. Bora Service, Ganga Road, Guwahati-781007
 Ref No: 9085612000, E-mail: info@apolloclinicguwahati.com
 Pred. Eqns: RECORDERS
 Date: 13-Oct-2023 12:10 PM

Age: 43 Years
 Height: 172 Cms
 Weight: 63 Kgs
 ID: DM16

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



Spirometry (FVC Results)

Parameter	Pred	M.Pre	%Pred	M.Post	%Pred	%Imp
FVC (L)	03.51	02.80	080	-----	---	---
FEV1 (L)	02.85	02.38	084	-----	---	---
FEV1/FVC (%)	81.20	85.00	105	-----	---	---
FEF25-75 (L/s)	03.84	02.39	062	-----	---	---
PEFR (L/s)	08.89	04.49	051	-----	---	---
FIVC (L)	-----	02.64	---	-----	---	---
FEV.5 (L)	-----	01.67	---	-----	---	---
FEV3 (L)	03.40	02.80	082	-----	---	---
PIFR (L/s)	-----	02.34	---	-----	---	---
FEF75-85 (L/s)	-----	01.08	---	-----	---	---
FEF.2-1.2 (L/s)	06.79	03.73	055	-----	---	---
FEF 25% (L/s)	07.89	03.94	050	-----	---	---
FEF 50% (L/s)	05.58	02.47	044	-----	---	---
FEF 75% (L/s)	02.62	01.40	053	-----	---	---
FEV.5/FVC (%)	-----	59.64	---	-----	---	---
FEV3/FVC (%)	96.87	100.00	103	-----	---	---
FET (Sec)	-----	02.44	---	-----	---	---
ExplTime (Sec)	-----	00.08	---	-----	---	---
Lung Age (Yrs)	043	050	116	-----	---	---
FEV6 (L)	03.51	-----	---	-----	---	---
FIF25% (L/s)	-----	02.18	---	-----	---	---
FIF50% (L/s)	-----	02.28	---	-----	---	---
FIF75% (L/s)	-----	02.00	---	-----	---	---

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

Annexure IV

AUDIOGRAM

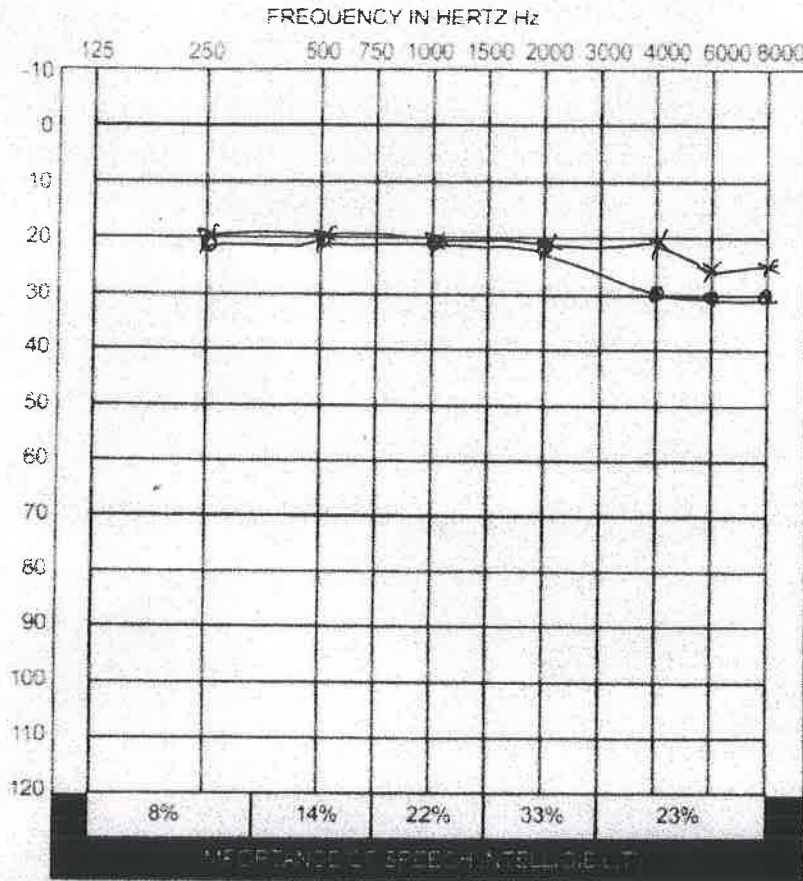


Doctor / Audiologist

16.

Name: Babul Bara Age 43 Sex Male

Address: Jagibabbarhi Date 13.10.23



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

DEEP 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 Boundfield				
Aided Boundfield				

AUDIOGRAM RE:

	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

Annexure IV



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



Patient Name : Mr. BUBUL BORAH	Age / Gender : 47Y/Male
UHID/MR No. : FGUW.0000182659	OP Visit No : FGUWOPV319797
Visit Date : 13-10-2023 14:29	Reported on : 14-10-2023 11:35
Sample Collected on : 14-10-2023 08:29	Specimen : Serum
Ref Doctor : SELF	Pres Doctor: :

DEPARTMENT OF LABORATORY MEDICINE

TEST NAME	RESULT	BIOLOGICAL REFERENCE INTERVALS	UNITS
LIPID PROFILE TEST (PACKAGE)			
S.Cholesterol	108.3	< 200 Desirable 200-239 Borderline High ≥240 High	mg/dl
S.Triglyceride	180.0*	<150 Desirable 150-199 Borderline High 200-499 High >500 Very High	mg/dl
S.VLDL-Cholesterol	36	10 - 40	mg/dl
S.HDL-Cholesterol	24.2	<40 (Man) - Poor <50 (Women) - Poor 40-49 (Man) - Good 50-59 (Women) - Good ≥60 - Best	mg/dl
S.LDL-Cholesterol	48.1	<100 Ideal for people at risk of heart disease 100 - 129 Near Ideal 130 - 159 Borderline High 160 - 189 high ≥190 Very High	mg/dl
Ratio of Cholesterol/HDL Method: Calculated.	4.48	0 - 4.5	
GLUCOSE RANDOM			
GLUCOSE RANDOM; Method: HEXOKYNASE	104.3	70 - 180	mg/dl

End of the report

Results are to be correlated clinically

Lab Technician / Technologist
Reshma_Begum

Dr. NANDAN PHUKAN, DCP
 CONSULTANT PATHOLOGIST

Annexure IV



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



Patient Name	: Mr. BUBUL BORAH	Age / Gender	: 47Y/Male
UHID/MR No.	: FGUW.0000182659	OP Visit No	: FGUWOPV319797
Visit Date	: 13-10-2023 14:29	Reported on	: 17-10-2023 16:29
Sample Collected on	: 14-10-2023 08:29	Specimen	: Sputum
Ref Doctor	: SELF	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
Rupen_Das


Dr. AUBREEN R KHAN
MD Microbiologist

TOUCHING LIVES

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

Annexure V



CSR REPORT

Dalmia Bharat Foundation, Jagiroad

CREATING OPPORTUNITIES, ACHIEVING POTENTIAL

GIVING BACK TO THE SOCIETY



C CORPORATE

S SOCIAL

R RESPONSIBILITY



Annexure V



Empowering Unemployed Youth: DIKSHA Centre Offers Training CRM, Electrical and Solar Trades for Sustainable Livelihood"

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.



PARIVARTAN

QUARTERLY ISSUE
(JULY – SEPT' 23)

JAGIROAD



VILLAGES
15



POPULATION
17700

GREETINGS TO ALL!

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

-Team DBF, Jagiroad

LIVESTOCK & IGA

- The Jagiroad team trained 35 women in the Goat rearing project in August.
- About 30 women have already bought goats
- 100 plus goats added to the livestock population of the village
- Households are expected to earn an additional income of Rs. 30000 to Rs. 40000 per annum.



Goat rearing training at Natun Bonagbori village

- 60 beneficiaries are rearing duck
- DBF facilitated grant of Rs.15000/- from SRLM for each household
- Papiduck was identified as a suitable duck variety for Umrangso climate conditions.
- Each household purchased 200 ducklings
- Ducklings were purchased for Rs.50 per bird which are less than a week old after hatching.
- DBF supported linkages with hatchery also to enable faster completion of this livelihood activity



Duck rearing unit at Natun Bongalbori village



Women trained to make Agarbatti

- 20 women, mobilized by DBF, received training to make Agarbatti.
- 2 days training conducted at Bhaktgaon Kachari village.
- DBF team aims production of 20,000 packets by these women before December 2023.
- Women have potential to earn around Rs.2000 per month as market linkage is

GRAM PARIVARTAN

(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.

Cumulative Progress since Inception

Households
Mapped 899

Households with
additional income
16

Interventions
started 292

Aggregate earnings
Rs.4.80 Lakh p/a

No. of Households with Actual Additional Income (INR)				
<25K	25K-50K	50K-75K	75K-1L	>1L
12	2	1	0	1



DBF team established Fish Farming at Junbeel village through linkages with Eco NGO



Dairy and Fishery farming awareness camp conducted for 300 women. Multiple Govt. Departments participated in this event organized by SRLM and DBF



Integrated Fish and Duck rearing pond supported by DBF

**Nurturing Future:
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.

Daldul Deka joined Qess Corp Ltd.



Highest Package:
Rs. 1,84,548
Annum

Major Trades:



**Customer Relationship
Management
Solar PV Maintenance
Asst. Electrician**

Updates:

(for FY 23-24)

**30 youth
trained**

**12 youth
placed**

**3
trades
offered**

**3 ongoing
batch**

Innovation and Success. A case study

Neetipriya Deka, 35 years old, hailing from Junbil Satbhani Village is now a successful entrepreneur. She is running a tailoring school in her village. The family of Neetipriya has scanty land for agriculture and was struggling to meet her ends. Their main source of income was from a petty pan shop. Qualified up to 12th standard, Neetipriya was keenly interested to learn tailoring. She exhibited reasonably good talent while learning the tailoring skill. DBF team linked her with USHA silai training center where Neetipriya learnt tailoring in a short period. Neetipriya did not stop after learning to stitch, but was looking around for setting up her tailoring unit. A humble and low scale start for the micro enterprise of Neetipriya, but the unit recorded a steady growth to an extent that Neetipriya is able to train and make more number of girls skilled in the dress making fraternity. She has become a known tailor for making women's blouse, salwar suits, traditional Assamese mekhela sador and alteration activities, in addition to training girls to become tailors. Neetipriya now earns Rs.5000 per every month. No need to mention, she makes much more during festival seasons.

SOCIAL INFRASTRUCTURE



- TB Patient food item distribution program.
- 36 beneficiaries benefited in this program.
- Six-month food item distributed in this program.
- Plant UH attended in this distribution program.



- Public toilet construction is going on at Morigaon town.
- The work is ongoing.
- Work will be completed in November 2023

Annexure VI

vide letter No. S/T-180/14-1423 dated 20 valid till 25 and HW

nal Status: tional

parameter	APCD	Unit	Current	Limits
Opacity		mg/Nm	8.92	30
PM10_A		ug/m ³	58.09	100
PM2.5_		ug/m ³	9.05	60
NO _x _m		ug/m ³	1.03	80
SO ₂ _AL		ug/m ³		80