

MIL/ENV/MoEFCC/052021/01

Date: 24.05.2021

Additional Principal Chief Conservator of Forests

Ministry of Environment, Forest & Climate Change
Regional Office (West Central Zone)
Ground Floor, East Wing,
New Secretariat Building, Civil Lines
NAGPUR - 440001

Sub: Compliance of Environmental Clearance issued for, 2.0 MTPA of Clinker Plant, 2.16 MTPA of OPC and 2.86 MTPA PPC and Captive Power Plant of 50 MW at village Naranda, District – Chandrapur Maharashtra for the period of Oct 2020 to March 2021.

Ref: Environmental Clearance F. No. - J-11011/319/2006 -IA II (I), Date: 28th June 2007

Dear Sir,

With reference to the above subject, we would like to inform you that, Murli industries have an integrated cement plant for 2.0 MTPA of Clinker Plant, 2.16 MTPA of OPC and 2.86 MTPA PPC and Captive Power Plant of 50 MW located at village Naranda, Tq. Korpana District – Chandrapur. In pursuant to the order dated April 05, 2017 of the National Company Law Tribunal, Mumbai Bench, Murli Industries Ltd (MIL) was admitted for corporate insolvency resolution process in accordance with Insolvency and Bankruptcy Code, 2016. The resolution plan (“Resolution Plan”) of Dalmia Cement Bharat Ltd (DCBL) has been approved by the Committee of Creditors of MIL on December 20, 2017, the National Company Law Tribunal, Mumbai Bench vide its order(s) dated July 03, 2019, July 22, 2019 and July 25, 2019 and by the National Company Law Appellate Tribunal vide its order dated January 24, 2020. Pursuant to implementation of the Resolution Plan, MIL has become a subsidiary of DCBL from September 10, 2020 and DCBL will continue to operate the plant by the name of Murli Industries Ltd. Integrated cement plant and captive power plant of MIL is not being

MURLI INDUSTRIES LIMITED

Registered Office: Block No. 802, A Wing, 8th Floor, Shreeram Shyam Towers, Kingsway, Civil Lines, Nagpur 440 001, India

CIN: U01110MH1991PLC064271

A Dalmia Bharat Group Company, www.dalmiabharat.com

operational since Nov 2014. Revival of MIL plant is under progress and it was not in operation during Compliance period Oct 2020 to March 2021.

Further, with respect to the subjected matter, we are submitting herewith the point wise half yearly compliance of above referred Environmental Clearance for the period from Oct, 2020 to March, 2021. Soft copy of the compliance report is sent on your email ID ecompliance-mh@gov.in

Submitted for your kind information please.

Thanking you

Yours Faithfully,
For **Murli Industries Ltd.**



Nikesh Banwade
(Authorized Signatory)

- CC:**
- 1. The Regional Director, Central Pollution Control Board (CPCB), Regional Office, Jog Centre, 3rd Floor, Mumbai Pune Road, Wakdewadi, Pune, Maharashtra – 411003.**
 - 2. The Member Secretary, Maharashtra Pollution Control Board, Kalpataru Point, 3rd and 4th floor, Opp. CineMax Theatre, Sion (E), MUMBAI (Mumbai) - 400 022.**
 - 3. Regional Officer, Maharashtra Pollution Control Board (MPCB), 1st Floor, Udyog Bhawan, Railway Station Road, Chandrapur – 442401**

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ENVIRONMENTAL CLEARANCE COMPLIANCE REPORT

Ref: Environmental Clearance F.No. - J-11011/319/2006 -IA II (I), Date: 28th June 2007

Name of the Company: Murli Agro Products Ltd. A Subsidiary of Dalmia Cement (Bharat) Ltd. (from Sept 2020)

Project Name – Environmental Clearance for 2.0 MTPA of Clinker Plant, 2.16 MTPA of OPC and 2.86 MTPA PPC and Captive Power Plant of 50 MW at village Naranda, District – Chandrapur, Maharashtra.

Compliance Period - October 2021 to March 2021

Note:

Plant was not under operation since January 2015 to till compliances period (Oct 21 to March 21) pursuant to the order dated April 05, 2017 of the National Company Law Tribunal, Mumbai Bench, Murli Industries Ltd (MIL) was admitted for corporate insolvency resolution process in accordance with Insolvency and Bankruptcy Code, 2016. The resolution plan (“Resolution Plan”) of Dalmia Cement Bharat Ltd (DCBL) has been approved by the Committee of Creditors of MIL on December 20, 2017, the National Company Law Tribunal, Mumbai Bench vide its order(s) dated July 03, 2019, July 22, 2019 and July 25, 2019 and by the National Company Law Appellate Tribunal vide its order dated January 24, 2020. Pursuant to implementation of the Resolution Plan, MIL has become a subsidiary of DCBL from September 10, 2020. MIL has not been operational since Nov 2014. Revival of MIL is under progress during Compliance period and it was not operational during the compliance period (Oct 2021 to March 2021).

Sr. No.	Specific Conditions	Compliance
i.	The gaseous emissions from various units shall conform to the standards prescribed by the Maharashtra State Pollution Control Board. Bag filters and Electrostatic Precipitator of highest efficiency shall be installed and Particulate Emissions from the cement plant shall be less than 50 mg/Nm ³ and for CPP, the same will be less than 80-100 mg/Nm ³ . Particulate emissions from DG House will be restricted to 40 mg/Nm ³ .	<ul style="list-style-type: none">• We have taken the various primary control measure to reduce the gaseous emission and achieve the gaseous emissions standards prescribed by Maharashtra State Pollution Control Board & CPCB.• Efficient bag filters and ESPs have been installed to meet more stringent standards than prescribed in EC. They are being modified to meet the emissions norms as specified vide MoEF&CC notification G.S.R. 497 (E) 10th May, 2016 for Cement Plant with co-processing. i.e. Particulate emissions will be less than 30 mg/Nm³ for Cement Plant; 50 mg/Nm³ for CPP. Particulate matter emissions from DG set will be restricted to 40 mg/Nm³.
ii.	Five stacks of the prescribed height (as presented before the Environmental clearance ECI) shall be erected to disperse SO _x and	<ul style="list-style-type: none">• We have constructed/erected the stacks to disperse the SO₂, NO_x and PM emissions.

	<p>NO_x. All the major stacks shall be provided with continuous emission monitoring for particulate matter.</p>	<ul style="list-style-type: none"> • Continuous Emission Monitoring System (CEMS) provided at all major stacks for particulate matter monitoring and gaseous emission monitoring as per applicability 																												
<p>iii.</p>	<p>Continuous On-line monitors for particulate emissions, SO₂ and NO_x in Raw/kiln mill, clinker cooler, coal mill, cement mill etc. shall be provided and shall make necessary arrangements for submission of On-line real time emission data to CPCB website. NO_x burners shall be installed to control NO_x emissions. Interlocking facility shall be provided between pollution control equipment and the process operation so that in the event of the pollution control equipment not working, the respective unit (s) is shut down automatically.</p>	<ul style="list-style-type: none"> • We have installed Continuous Emission Monitoring System (CEMS) at all major stacks as for the listed parameters <table border="1" data-bbox="1093 400 2018 708"> <thead> <tr> <th>Sr No</th> <th>Stack</th> <th>Air Pollution Control Equipment</th> <th>Monitoring Parameters</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Raw Mill & Kiln Stack</td> <td>Jet Pulse Bag House</td> <td>PM, SO₂ & NO_x</td> </tr> <tr> <td>2</td> <td>Clinker Cooler</td> <td>ESP</td> <td>PM</td> </tr> <tr> <td>3</td> <td>Coal Mill</td> <td>Bag House</td> <td>PM</td> </tr> <tr> <td>4</td> <td>Cement Mill -01</td> <td>Bag House</td> <td>PM</td> </tr> <tr> <td>5</td> <td>Cement Mill -02</td> <td>Bag House</td> <td>PM</td> </tr> <tr> <td>6</td> <td>CPP Boiler Stack</td> <td>ESP</td> <td>PM, SO₂ & NO_x</td> </tr> </tbody> </table> <ul style="list-style-type: none"> • All the necessary arrangements are made for the real time data monitoring at all major stacks, the data will be uploaded to MPCB and CPCB server, once the plant resumes operation. • Control the NO_x emission at Raw Mill & Kiln Stack and Boiler stack we have taken all the primary emission control measures which include Low No_x burner. • Interlocking facility has been provided at all pollution control equipment to stop the process in case of failure of the Air Pollution Control (APC) equipment. 	Sr No	Stack	Air Pollution Control Equipment	Monitoring Parameters	1	Raw Mill & Kiln Stack	Jet Pulse Bag House	PM, SO ₂ & NO _x	2	Clinker Cooler	ESP	PM	3	Coal Mill	Bag House	PM	4	Cement Mill -01	Bag House	PM	5	Cement Mill -02	Bag House	PM	6	CPP Boiler Stack	ESP	PM, SO ₂ & NO _x
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<p>iv.</p>	<p>Regular Ambient Air Quality Monitoring shall be carried out. The monitoring stations will be set up in consultation with the Maharashtra Pollution Control Board. It will be ensured that at least one monitoring station is set up in up-wind & in down-wind direction along with those in other directions. On-line data for air emissions shall be transferred to the CPCB and MPCB regularly. The instruments used for ambient air quality monitoring shall be calibrated regularly.</p>	<ul style="list-style-type: none"> • Regular Ambient Air Quality Monitoring was carried out and submitted to MPCB. After revival and with the commencement of Plant Operation, same will resumed. • Continuous Ambient Air Quality Monitoring stations have been set up in consultation with Maharashtra State Pollution Control Board. • All the necessary arrangements are made for the online connectivity with MPCB and CPCB server, Once plant resumes Operation Online Data of 																												

		<p>ambient air quality monitoring station shall be transferred to CPCB and MPCB in real time basis.</p> <ul style="list-style-type: none"> • Calibration of Monitoring Instruments will be done at regular intervals.
v.	Raw material will be properly covered and clinker shall be stored in a dome with all round high sidewalls to control fugitive emissions. Fugitive emissions from cement mill, packing area and coal yard shall also be controlled.	<ul style="list-style-type: none"> • Covered sheds are provided for Raw material storage. • Clinker is being stored in closed Clinker Silos to control the fugitive emission. • Efficient bag filters are provided at Cement mill, packing area and Coal yards to control the fugitive dust emission. • Water sprinklers are provided at material storage and unloading points.
vi.	Dust collectors and extraction system (suction apparatus) shall be installed to control fugitive dust emissions at coal and lime stone unloading points, at all the transfer points, stockpiles to arrest free release of dust.	<ul style="list-style-type: none"> • Efficient Bag filters are installed at all material transfer points, unloading points to arrest the fugitive dust emission.
vii.	Materials will be transported in tippers, covered trucks, covered containers, covered rail wagons etc.	<ul style="list-style-type: none"> • Noted and will be complied • It will be ensured that Materials will be transported in tippers, covered trucks, covered containers. • Fly ash will be transported in the closed bulkers
viii.	Windbreakers will be installed to restrict fugitive dust.	<ul style="list-style-type: none"> • Relevant control methods are installed/deployed in areas prone to generation of fugitive dust.
ix.	Water sprinkling arrangement should be made in the raw material stock yard and dust collectors in cement bag loading areas.	<ul style="list-style-type: none"> • Water sprinkling systems have been installed at Limestone crusher, coal conveyor belt & material storage yard to minimize the dust generation.
x.	Total water requirement from Wardha/ Pen Ganga River shall not exceed 6020 m ³ /d as per the permission granted by State Irrigation Department.	<ul style="list-style-type: none"> • Noted and being complied
xi.	Minimum Cycle of Concentration (COC) for the CPP will be 5.0.	<ul style="list-style-type: none"> • We will maintain the Minimum 05 cycle of concentration for the CPP
xii.	The wastewater from CPP and domestic activities shall be treated in Effluent Treatment Plant (ETP) and Sewage Water Reclamation Plant (SWRP) respectively and recycled/reused in cement plant for make-up, in CPP for cooling, dust suppression, other plant related activities and green belt development. No wastewater will be released outside the premises. Zero discharge shall be strictly	<ul style="list-style-type: none"> • 'Zero' discharge is strictly adopted and no effluent is being /will be discharged outside the plant premises. • Wastewater from CPP is treated in ETP and treated water is recycled back to process/Reused.

	adopted. During monsoon, the wastewater will be stored in the mine pit.	<ul style="list-style-type: none"> The Domestic Wastewater will be treated in Sewage Treatment Plant and treated water will be utilized for greenbelt development.
xiii.	Solid waste generated shall be 100 % recycled and reutilized in the process itself and no solid waste shall be disposed off outside the plant premises. The fly ash generated will be used in-house for the manufacture of PPC. Bottom ash shall be used in the raw mill and used for land filling. Treated STP sludge shall be used as manure for green belt development. Waste oil sludge shall be reused in the plant and finally burnt in the kiln or sold to authorized recyclers/ re-processors.	<ul style="list-style-type: none"> The solid waste i.e. dust collected from air pollution control equipment will be recycled back to process. The Fly ash generated from CPP will be utilized for manufacturing of PPC. Bottom Ash generated from CPP will be used in cement manufacturing. Treated STP Sludge from STP used as manure for greenbelt development The waste oil, grease generated during plant operation will be sold to authorized recycler or co-processed in the kiln
xiv.	The company shall strictly follow all the recommendations mentioned in the Charter on Corporate Responsibility for Environmental Protection (CREP).	<ul style="list-style-type: none"> Noted and Being Complied
xv.	As agreed, green belt shall be developed in 17 ha area .	<ul style="list-style-type: none"> Being Complied Green belt is being developed in and along the periphery of plant premises. 17 ha of the plant will be developed under greenbelt/plantation,
xvi.	The company must harvest surface as well as rainwater from the rooftops of the buildings proposed in the expansion project and storm water drains to recharge the ground water and use the same water for the various activities of the project to conserve fresh water.	<ul style="list-style-type: none"> As of now, Storm/Rain Water accumulated is being harvested in the mined-out pits and the harvested water is being utilized for plant operation and various activities to conserve fresh water. The company are constructing the rain water harvesting structures to recharge the ground water.
GENERAL CONDITIONS		
i.	The project authorities must strictly adhere to the stipulations made by the Maharashtra Pollution Control Board (MPCB) and the State Government.	<ul style="list-style-type: none"> We are committed to follow the stipulations made by Maharashtra Pollution Control Board (MPCB) and the State Government.
ii.	No further expansion or modifications in the plant shall be carried out without prior approval of the Ministry of Environment and Forests.	<ul style="list-style-type: none"> Noted and will be complied No expansion and modifications in the plant will be carried out without prior approval from MoEF&CC.
iii.	Adequate number of influent and effluent quality monitoring stations shall be set up in consultation with the MPCB. Regular monitoring shall be carried out for relevant parameters.	<ul style="list-style-type: none"> Influent and effluent quality monitoring stations have been set up in consultation with the MPCB. Regular monitoring will be carried out for relevant parameters upon commencement of plant operation.

iv.	The project proponent shall also comply with all the environmental protection measures and safeguards recommended in the EIA/EMP report.	<ul style="list-style-type: none"> • Complied and Agree to comply.
v.	Industrial wastewater shall be properly collected and treated so as to conform to the standards prescribed under GSR 422 (E) dated 19 th May 1993 and 31 st December, 1993 or as amended from time to time. The treated wastewater shall be utilized for plantation purpose.	<ul style="list-style-type: none"> • ETP is provided for treatment of industrial wastewater from CPP and treated wastewater conforms to the standards prescribed under GSR 422 (E) as amended. • The treated wastewater will be recycled back to process/reused.
vi.	The overall noise levels in and around the plant area shall be limited within the prescribed standards (85 dBA) by providing noise control measures including acoustic hoods, silencers, enclosures etc. on all sources of noise generation.	<ul style="list-style-type: none"> • Noise abatement measures including acoustic hoods, silencers, enclosures etc. have been provided at appropriate places in order to meet the standards prescribed and same will be maintained.
vii.	Proper Housekeeping and adequate occupational health programmes shall be taken up. Regular Occupational Health Surveillance Programme shall be carried and records shall be maintained properly for at least 30-40 years. The programme shall include lung function and sputum tests once in six months. Sufficient preventive measures shall be adopted to avoid direct exposure to dust etc.	<ul style="list-style-type: none"> • Proper housekeeping is being made within the plant premises. • Adequate Occupational health programmes are being taken up and will be continued in future too. • As the company has been recently recovered from Insolvency through NCLT route, the older documents are not available. Occupational Health Surveillance program shall be taken up and records shall be maintained for at least 30-40 years. • Pre-Occupational Health Check-ups have been carried out for all the employees currently employed.
viii.	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 a Senior Executive.	<ul style="list-style-type: none"> • A separate Environment Management Cell has been set up under the control of Unit Head. • Environment laboratory is being established for the regular environment monitoring. In addition to this regular environment monitoring is being done from the MoEFCC/NABL accredited laboratory.
ix.	As proposed in the EIA/EMP, Rs. 31.08 Crores and Rs. 0.313 Crores/annum shall be earmarked to meet the capital cost and recurring cost/annum for the environmental protection measures shall be used judiciously to implement the conditions stipulated by the Ministry of Environment and Forests as well as the State Government. The funds so provided shall not be diverted for any other purpose.	<ul style="list-style-type: none"> • As proposed in EIA/EMP company has invested more than 32 Crores for the installation of Pollution Control Equipment's. • The funds earmarked towards recurring cost will not be diverted for any other purpose.

x.	Regional Office of this Ministry at Bhopal / Maharashtra Pollution Control Board / Central Pollution Control Board shall monitor the implementation of the stipulated conditions. Six monthly compliance status report and monitoring data along with statistical interpretation shall be submitted to them regularly.	<ul style="list-style-type: none"> Plant is currently not under operation since January 2015. pursuant to the order dated April 05, 2017 of the National Company Law Tribunal, Mumbai Bench, Murli Industries Ltd (MIL) was admitted for corporate insolvency resolution process in accordance with Insolvency and Bankruptcy Code, 2016. The resolution plan ("Resolution Plan") of Dalmia Cement Bharat Ltd (DCBL) has been approved by the Committee of Creditors of MIL on December 20, 2017, the National Company Law Tribunal, Mumbai Bench vide its order(s) dated July 03, 2019, July 22, 2019 and July 25, 2019 and by the National Company Law Appellate Tribunal vide its order dated January 24, 2020. Pursuant to implementation of the Resolution Plan, MIL has become a subsidiary of DCBL from September 10, 2020. MIL has not been operational since January 2015. Revival of MIL is under progress. Once the plant resumes operation, the submission of half yearly Compliance report along with monitoring data will be regularised and Submitted to all concerned.
xi.	The Project Proponent should advertise in at least two local newspapers widely circulated in the region around the project, one of which shall be in the vernacular language of the locality concerned informing that the project has been accorded environmental clearance by the Ministry and copies of the clearance letter are available with the Maharashtra Pollution Control Board / Committee and may also be seen at Website of the Ministry and Forests at http://envfor.nic.in . The advertisement should be made within 7 days from the date of issue of the clearance letter and a copy of the same should be forwarded to the Ministry's Regional Office at Bhopal.	<ul style="list-style-type: none"> As the company has been recently recovered from Insolvency through NCLT route, the older documents are not available with the present management.
xii.	The Project Authorities shall inform the Regional Office as well as the Ministry the date of financial closure and final approval of the project by the concerned authorities and the date of start of land development work.	<ul style="list-style-type: none"> Pursuant to the order dated April 05, 2017 of the National Company Law Tribunal, Mumbai Bench, Murli Industries Ltd (MIL) was admitted for corporate insolvency resolution process in accordance with Insolvency and Bankruptcy Code, 2016. The resolution plan ("Resolution Plan") of Dalmia Cement Bharat Ltd (DCBL) has been approved by the Committee of Creditors of MIL on December 20, 2017, the National Company Law Tribunal, Mumbai Bench vide its order(s) dated July 03, 2019, July 22, 2019 and July 25, 2019

		<p>and by the National Company Law Appellate Tribunal vide its order dated January 24, 2020. Pursuant to implementation of the Resolution Plan, MIL has become a subsidiary of DCBL from September 10, 2020. MIL has not been operational since January 2015. Revival of MIL is under progress.</p> <ul style="list-style-type: none"> • As the company has been recently recovered from Insolvency through NCLT route, the older documents are not available with the present management.
5	The Ministry may revoke or suspend the clearance, if implementation of any of the above conditions is not satisfactory.	<ul style="list-style-type: none"> • Noted.
6	The Ministry reserves the right to stipulate additional conditions if found necessary. The company will implement these conditions in a time bound manner.	<ul style="list-style-type: none"> • Noted.
7	The above conditions will be enforced, inter-alia under the provisions of the Water (Prevention & Control of Pollution) Act, 1974, the Air (Prevention & Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986, the Public Liability Insurance Act, 1991, Hazardous Waste (Management & Handling) Rules, 1989 and Manufacture, Storage and Import of Hazardous Chemicals Rules, 1989 along with their amendments and rules.	<ul style="list-style-type: none"> • Noted.