BJCL / BHILAI /ENV./2023/ 756



To

The Regional Director

Ministry of Environment Forests & Climate Change

Regional Office, (WZ),

E-5, Kendriya Paryavaran Bhawan

E-5 , Arera Colony, Link Road -3, Ravishankar Nagar,

Bhopal (M.P)-462016

Sub:- Compliance Status Report of E.C. for the period of October, 2022 to March, 2023 Granted by MoEFCC.

Ref:- i) Letter No.J-11011/1001/2007- I A II (I) Dated 01-05-2008. ii) Letter No.J-11011/1001/2007- | A II (I) Dated 19-04-2012.

Dear Sir.

Please find enclosed herewith the Compliance Status for the period of October, 2022 to March, 2023 to the condition laid down in above referred Environmental Clearance granted by MoEFCC, New Delhi.

Bhilai Jaypee Grinding Plant, Bhilai has stopped the Cement production due to fund constraints since29th March,2022 & Chhattisgarh State Electricity Board has disconnected the electricity connection of Plant from 29th August 2022. This is submitted for your kind information please.

Thanking You Yours Faithfully

Niraj Kumar Shrivastava (Unit Head)

CHENNY

Authorized Signatory

For Bhilai Jaypee Grinding Plant, Bhilai (A Unit of Bhilai Jaypee Cement Limited)

CC. The Chairman

Central Pollution Control Board, CBD-Cum-Office Complex, East Arjun Nagar

New Delhi - 110032

The Additional Principal Chief Conservator of Forests

Ministry of Environment Forests & Climate Change Regional Office, (West Central Zone)

Ground floor, East Wing, New Secretary Building Civil Lines, Nagpur - 440001

The Member Secretary

Chhattisgarh Environment Conservation Board

Paryavas Bhavan, North Block,

Sector-19, Atal Nagar Nava Raipur (CG) - 492002

The Chief Conservator of Forest Regional Office, (WZ) E-5, Kendriya Paryavaran Bhavan,

E-5, Arera Colony, Link Road-3, Bhopal (MP) 462016

The Zonal Officer Central Pollution Control Board, Sahakar Bhawan, III Floor,

North TT Nagar, BHOPAL- 462003

The Regional Officer Regional Office, C.E. Conservation Board, Bhilai, Durg (CG) For kind information of

For kind information of

For kind information pl.

For kind information pl.

For kind information pl.

For kind information pl.

BSP Premises, Slag Yard Road (Opp. Sector-4, NMOH) Bhilai - 490 001,

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Head Office

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A JV of SAIL & JAIPRAKASH ASSOCIATES LIMITED



Name of the Project : BHILAI JAYPEE GRINDING PLANT (A UNIT OF BHILAI JAYPEE CEMENT LTD.)

BHILAI STEEL PLANT PREMISES, BHILAI, DURG, (CHHATTISGARH)

Project Code : -

Clearance Letter No : F. No. J-11011/1001/2007-IA II (I) DATED 01-05-2008

Period of Compliance Report: October -2022 to March - 2023

1. Specific Conditions

Sl. No.	Conditions	Compliance Status
i	On-line continuous stack monitoring facilities for all the stacks and adequate air pollution control systems shall be provided. Cement grinding shall be carried out in closed cement mill and shall have highly efficient bag filters. The stack emissions from various sources shall not exceed 50 mg/Nm3. Data to be submitted to the Ministry's Regional Office half yearly,	Continuous On –line Stack Monitoring system (Opacity Meter) has been installed in all major stacks. Continuous Emission Monitoring System (CEMS) has been installed in main mill stack which is connected with CPCB server. Adequate Bag House/ Bag filters have been installed as air pollution control system in closed cement mill grinding operations. Stack emission monitoring is periodically carried out, and the results are within prescribed norms of 30 mg/Nm3 (Max). Monitoring data of Stack and Ambient Air quality for Half yearly & quarterly is being
ii	CPCB and CECB quarterly The gaseous emissions (SPM, SO2, NOX, CO) and particulate matter from various units shall conform to the standards prescribed by the Chhattisgarh Environment Conservation Board (CECB). Bag House to collect fine dust from cyclones, jet pulse filters shall be provided at the transfer points. At no time, particulate emissions from the grinding unit shall exceed 50 mg/Nm3. Interlocking facility shall be provided in the pollution control equipment so that in the event of the pollution control equipment not working,	periodically submitted to RO, MoEFCC, CPCB and SPCB respectively. This is only a cement grinding unit. The gaseous and particulate matter emission from various units is being monitored regularly and the monitoring results conform to the standards prescribed. Monthly report is submitted to the Chhattisgarh Environment Conservation Board (CECB) regularly. Bag House/ Bag filters to collect fine dust at all transfer points, etc. is installed to control fugitive emissions. The stack emissions data is within prescribed norms of 30 mg/Nm3. The average data of stack monitoring during the period of October -2022 to March – 2023 is given below-

	the respective unit (s) is shut down	Avg. readin Mg/Nm3	g			Packer	No.1				F	Packer N	lo.2	
	automatically	Stack of bag he Cement mill No & 2		Stack of bag filte	f packing pla er No-1	int	Stack o bag filte No-2	f packing pl	ant	Stack of bag filter No3	packing pla r		Stack of poag filter No-4	oacking plan
		Stopped dur reporting pe			ed during ng period			ed during ng period			ed during ng period			d during g period
		All major				uipm							_	-
		AAQMS												
		statutory r												1
		The AAQ	resu	lts are	found	withi	n the	prescribe	ed no	rms.	Γhe Air	mon	itoring	g result
		during the	perio	od of C	October -	2022	to Ma	rch – 20)23 is	given	below			
		Air quality			_		_	mitted re	egula	rly to	RO, Mo	EFC	C, CE	CB and
	Ambient air quality monitoring stations	SPCB as p	er the	e sche	dule spe	cified	l.,							
	(AAQMS) shall be set up in the down wind								Lo	cation				
	direction as well as where maximum ground level concentration of SPM, SO2 and NOx are anticipated as per statutory requirement in consultation with the Chhattisgarh Environment	Parameter		Switch	Yard		Coal Y	ard	,	Wagon T	ippler	Auto	Work S	hop
			Min	Max	Average	Min	Max	Average	Min	Max	Average	Min	Max	Average
		PM ₁₀ (μg/m3)	-	-	-	-	-	-	-	-	-	-	-	-
iii	Conservation Board (CECB). Ambient air emissions shall not exceed the	PM _{2.5} (μg/m3)	-	-	-	-	-	-	-	-	-	-	-	-
	standards stipulated under EPA or by the State authorities. Monitoring of ambient air quality shall be carried out regularly in consultation with CECB	SO ₂ (µg/m3)	-	-	-	-	-	-	-	-	-	-	-	-
		NO _x (μg/m3)	-	-	-	-	-	-	-	-	-	-	-	-
	and Data submitted to the Ministry's Regional Office half-yearly, CPCB and CECB quarterly.	CO (mg/m3)	-	-	-	-	-	-	-	-	-	-	-	-
		Note – Br to fund co Electricity August 20	onstra coni	aints :	since 29	9.03.2	2022.					•		
iv	Secondary fugitive emissions shall be controlled and shall be within the prescribed limits and regularly monitored. Guidelines / Code of Practice issued by the CPCB in this regard shall	Secondary For contro • 34 nos and at	lling . of B	secon ag Ho	dary fug	itive o	emissi ters ha	ons:					•	

	be followed. The fugitive emissions shall be suitably controlled by installing adequate dust collection and extraction system during loading and unloading points and at all the transfer points. Fugitive emissions shall also be controlled by providing silos and closed roof sheds for raw materials and product. Water sprinkling arrangement shall be made in the raw material stock yard and cement bag	 All internal roads within the plant premises have been concreted. Good housekeeping practices are being followed for controlling the dust emissions. 				
v	loading areas. Total water requirement from SAIL shall not exceed 150 m³/hr. Treated waste water shall be recycled and reused in the process, dust suppression and Green Belt Development. Domestic wastewater shall be treated in Sewage Treatment Plant (STP) and used for Green Belt Development. No Effluent shall be discharged outside the factory premises and 'Zero discharge' shall be strictly followed.	the common facility of Bhilai Steel Plant Sewage Treatment Plant (STP) is used. In operational phase, entire waste water is being re-used and recycled from cooling tower. The plant is thus operating on "Zero effluent discharge" philosophy. The Data of water consumption taken from SAIL (BSP) during the period of October-2022 to March – 2023 is given below- Total Quantity in m³/day m³/h Quantity in m³/day m³/h Average 1985 66.2 2.8				
vi	No surface or ground water shall be used. In case of any change in source of water necessary Permission from the concerned department shall be obtained and submitted to the Ministry's Regional Office in Bhopal.	y (BSP) Supply only.				
vii	All the cement dust collected from pollution control devices like bag house, bag filters etc. shall be recycled and reused in the process and used for cement manufacturing. STP sludge shall be used as manure. Waste oil shall be sold to the authorized recyclers/ re-processors only.	cement dust collected from pollution control devices like bag house, bag filters etc. is being recycled and reused in the process and used for cement manufacturing. Not applicable, as we do not have any STP Hazardous Waste Authorization renewed from CECB vide letter No.				

viii	An effort shall be made to use of high calorific hazardous waste in the cement kiln and necessary provisions shall be made accordingly.	Not applicable, as this is only a stand-alone cement grinding unit and no Cement Kiln has been installed for pyro-processing.
ix	As proposed, green belt shall be developed in 4.62 ha. (33 %) out of total 14 ha. area to reduce impacts of fugitive emissions. Central Pollution Control Board (CPCB) guidelines shall be followed in planning and developing green belt and selection of species etc.	As per the CPCB guideline for development of Green belt inside the factory areas that was 33% of 14 ha. Area (i.e. 4.62 ha) and achieved the target of 33%. BJCL, Bhilai planted sapling till date is approx 11200. However we are committed to maintain the same and try to develop more area for further plantation.
х	Other necessary statutory clearances from other concerned Departments including 'No Objection Certificate' from the Chhattisgarh Environment Conservation Board (CECB) shall be obtained prior to commencement of construction and/or operation.	No Objection Certificate' (NOC) for construction was obtained from the Chhattisgarh Environment Conservation Board (CECB) vide ref. No. 5788/TS/CECB/2008 dated 08.10.2008. Consent to Operate from the Chhattisgarh Environment Conservation Board (CECB) was obtained before start of operation. Subsequently consent renewals are regularly being obtained from CECB after due compliance of consent conditions.
xi	All the recommendations mentioned in the Corporate Responsibility for Environmental Protection (CREP) guidelines shall be strictly followed and complied.	All relevant CREP guidelines are being followed

2. General Conditions:

Sl. No.	Conditions	Compliance Status
i	The Project authorities must strictly adhere to the stipulations made by the Chhattisgarh Environment Conservation Board (CECB) and the State Government.	Consent to Operate from the Chhattisgarh Environment Conservation Board (CECB) was obtained before start of operation. Subsequently consent renewals are regularly being obtained from CECB after due compliance of consent conditions.
ii	No further expansion or modifications in the Plant should be carried out without prior approval of the Ministry of Environment & Forests.	Noted and Agreed
iii		Ambient Air quality monitoring station has been established in four directions in consultation with CECB considering windrose pattern and other consideration of the location as per CPCB guidelines.

	SPM, SO2 and NOx are anticipated in consultation with the Chhattisgarh Environment Conservation Board (CECB). Data on ambient air quality and stack emission should be regularly submitted to this Ministry including its Regional Office at Bhopal and the CECB / CPCB once in six months.	Six n Septe CPCE BJCL Six n period	dic monitori itted to all the nonthly comember, 2022 of Regional ABHILAI/EN monthly data of from Octole, MOEF &C	e corplian was sold Office NV/7.	ncerne submit fice, C 31 da ambie 022 to	d autiport in the control of the con	for the Reg No. 2011 to Reg No	es. e periional IS, C. 022. ity an	iod fro Office, ECB d stack	m Ap , MOE vide of c emis nitted	ril, 202 EF &CC our lette sion for to Regi	22 to 2 and er no
iv	Industrial Wastewater shall be properly collected, treated so as to conform to the standards prescribed under GSR 422 (E) dated 19th May, 1993 and 31st December, 1993 or as	No in	our letter no la dustrial wasting unit, hence	ewat	er is g	genera	ated, a					ent
	amended from time to time.											
v	The overall noise levels in and around the Plant areas 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 EPA rules, 1989 viz. 75 dBA (day time) and 70 dBA (night time).	norms enclosed More levels period CECH The A-2023	e level in and sunder EPA sures etc. has over adequated in surround dically as periodically as periodically. Average nois at various less at various les at various less at various less at v	rule we be te gre ling a er gu	es. No een pro een bel areas. uidelir	ise covide It is b Monnes a ing tl	ontrol d on a peing of itoring and retailed the per the plate.	meas all sou levelo g of n ports iod of ant pre ocation	sures in arces of oped to oise le are be	ncludir f noise mitiga vels is eing s per-202 are giv	ng silen genera ate the r carried ubmitte	cers, tion. noise l out d to

		Note – Bhilai Jaypee Grinding Plant, Bhilai is stopped Cement production due to fund constraints since 29.03.2022. Electricity connection Disconnected by Chhattisgarh State Electricity
	The project proponent shall also comply with all the environmental protection measures and safeguards recommended in the EIA / EMP report. Further, the company must undertake socio-economic development activities in the surrounding villages like community development programmes, educational programmes, drinking water supply and health care etc.	All the environmental protection measures and safeguards recommended in the EIA / EMP report are complied. A number of Socio economic development activities were carried out by the company in surrounding villages since start of plant. (Providing FOC Cement for construction / Repairing and maintenance of schools/public buildings/religious places, etc. Medical Health checkup camps organized in various places. Leveling and dressing of play grounds in the nearby community areas. Wooden Bench
vi		provided to Vigyaan Vikas Kendra, Durg. Support provided for upliftment of sports like volley ball and motor sports in the state. Flag day contribution to district Solders. Welfare contribution to leading Eye hospital, Raipur and also provided Semi Auto Analyzer to Distt hospital Durg. Distribution of Sewing machine & Diaries to local SHG's. Participation in various religious and Cultural activities etc. Two computer with printer provided to District Women and Child Development Department, Durg. 03 Nos Oxygen Concentrator handed over to the Addl. Collector Durg. (Company could not expend the amount Due to Loss of company during this financial year)
vii	The project Authorities shall provide Rs. 1,515 Lakhs and Rs. 70 Lakhs towards total capital cost and recurring cost/annum for environmental pollution control measures to implement the conditions stipulated by the Ministry of Environment and Forests as well as the State Government and an implementation schedule for implementing all the conditions stipulated herein shall be submitted to the Regional Office of this Ministry at Bhopal. The funds so provided shall not be diverted for any other purpose.	A separate fund has been created exclusively earmarked towards capital cost and recurring cost of Environmental pollution control equipments which have been installed at site and other environmental protection and improvement activities. The funds so provided are strictly not diverted for any other purpose. About 1.95 lakh has been used to maintain the green belt development during October-2022 to March-2023
viii	The Regional Office of this Ministry at Bhopal / CPCB / CECB will monitor the stipulated conditions. A six	Six Monthly compliance reports of stipulated EC conditions along with the monitored data are being submitted regularly to Regional

	monthly compliance report and the monitored data along with statistical interpretation shall be submitted to them regularly.	Office MoEFCC Bhopal, CPCB /CECB. Last six monthly compliance report for the period from April, 2022 to September, 2022 was submitted vide our letter no BJCL/BHILAI/ENV/731 dated 11.10.2022.
ix	The Project Proponent shall inform the public that the project has been accorded environmental clearance by the Ministry and copies of the clearance letter are available with the CECB and may also seen at website of the Ministry of Environment and forest at http;/envfor.nic.in. This shall be advertised within seven days from the date of issue of the clearance letter ,at least in two local news papers that are widely circulated in the region of which one shall be in the vernacular language of the locality concerned and a copy of the same be forwarded to the Regional Office at Bhopal.	The advertisement for clearance granted by MoEF New Delhi has already been published in two local News papers on Date 08-05-2008. Copy already submitted in the previous compliance report.
х	The Project Authorities shall inform the Regional Office as well as the Ministry, the date of financial closure and final approval of the project by the concerned authorities and the date of commencing the land development work.	Financial closures date is 8th May, 2008 and land development work was commenced on 16th May, 2009. The plant has commenced trial operations on 21st June 2010. Information in this regard has already been submitted to R.O. and Member Secretary, Chhattisgarh Board vide our letter No.BJC / Bhilai / 03 dated 13th July 2010.

Name of the Project : BHILAI JAYPEE GRINDING PLANT (A UNIT OF BHILAI JAYPEE CEMENT LTD.)

BHILAI STEEL PLANT PREMISES, BHILAI, DURG, (CHHATTISGARH)

Project Code : -

Clearance Letter No : F. NO. J-11011/1001/2007-IA II (I) DATED 19-04-2012

Period of Compliance Report: October -2022 to March - 2023

1Additional Conditions:

Sl. No.	Details of Conditions	Status
4 i	The National Ambient Air Quality Standards issued by the Ministry shall be followed	Regular monitoring of the Ambient Air Quality (AAQ) is carried out at four locations set up in consultation with CECB and the National Ambient Air Quality Standards are strictly being followed.
ii	The project proponent shall submit six monthly reports on the status of the compliance of the stipulated environmental conditions including results of monitoring data (both in hard copies as well as by e-mail) to the respective Regional Office of MOEF, the respective Zonal Office of CPCB and the SPCB.	Six monthly reports on the status of the compliance of the stipulated environmental conditions including results of monitoring data are regularly being submitted both in hard copies as well as by e-mail. The additional conditions specified in the amendment in the EC issued by the MoEF on19/04/2012, for PPC production is also incorporated herewith.
iii	The Environmental Statement for each financial year ending 31st March in Form - V as is mandated to be submitted to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules 1986 shall also be put on the website of the company along with the status of compliance of the environmental conditions and shall also be sent to the respective Regional Office to the MOEF by e-mail.	Agreed and being complied with. Presently, since only Portland Slag Cement (PSC) is being manufactured, Environmental Statement based on PSC product only is being submitted to the State Pollution Control Board. Any production of PPC shall be taken up on need basis after due compliances of the conditions specified in the amendment in the EC issued by the MoEF on 19/04/2012.
iv	The Company shall submit within three months their policy towards Corporate Environmental	The details pertaining to all the issues are incorporated in 'System of ensuring compliances and reporting of non-compliance/violation of
	Responsibility which should inter-alia address	Environmental Norms' attached as Annexure-I.

	 (i) Standard Operating Process / procedure to being into focus any infringement / deviation / violation of environmental or forest norms/conditions. (ii) Hierarchical system or Administrative order of the company to deal with environmental issues and ensuring compliance to the environmental clearance conditions and (iii) System of reporting of non compliance / violation environmental norms to the Board of Directors of the company and / stakeholders or shareholders. 	
5	The company shall comply with all the conditions stipulated vide letter of even no. dated 1-5-2008.	Compliance reports are regularly being submitted with all the conditions stipulated vide letter of even no. dated 1-5-2008.

NOTE;- Still we are Manufacturing only Portland Slag Cement (PSC). Manufacturing of PPC (Portland Pozzolana Cement) is on need basis. Due to less market demand the manufacturing of the same (PPC) is not required presently.