

# **COMPLIANCE REPORT**

PERIOD: OCTOBER-2018 to MARCH-2019

# Monnet Ispat & Energy Limited

(Joint Venture Company by AION & JSW Steel Limited)  
Village & P.O.: Naharpali, Tehsil - Kharsia, Dist.- Raigarh - 496 661 (Chhattisgarh)  
CIN : L02710CT1990PLC009826, GST : 22AAACM0501D1ZK  
Phone : +91 7762 275 502 / 03 / 04, Fax : +91 7762 275 505  
E-mail : raigarh@aionjsw.in, Website : www.aionjsw.in

MIEL/EMD/NP/239/2019

Date: 10.05.2019

To,

**The Additional Director,**

Ministry of Environment, Forest and Climate Change,  
Regional office (WCZ), Ground Floor East Wing,  
New Secretariat Building, Civil Line, Nagpur - 440001

**Subject:** Six Monthly Environmental Monitoring and Compliance Report for the period of October, 2018 to March-2019 of 1.75 MTPA Integrated Steel Plant, Naharpali, Raigarh, Chhattisgarh.

**Reference:**

1. Environmental Clearance accorded for 1.75 MTPA Integrated Steel Plant vide letter no. F. No. J-11011/196/2007-IA II(I) dated 26.12.2007;
2. F. No. J-11011/196/2007-IA II(I) dated 31.03.2011
3. F. No. J-11011/196/2007-IA II(I) dated 13.04.2017.

Dear Sir,

Please find enclosed herewith Six Monthly Compliance Report along with Environmental Monitoring Reports for the period of October, 2018 to March, 2019 against the conditions stipulated in Environmental Clearance accorded vide letter no. J-11011/196/2007-IA II (I) dated 26.12.2007, 31.03.2011 and 13.04.2017 for 1.75 MTPA Integrated Steel Plant, Naharpali, Raigarh, Chhattisgarh.

This is for your kind information and records please.

Thanking you.

Yours faithfully,

For **Monnet Ispat & Energy Limited,**  
(A Joint venture Company by AION & JSW Steel Ltd.)



**Authorized Signatory**

**Encl:** Compliance & Monitoring report both in hard & soft copies.

**CC:**

1. **Zonal Officer,** Central Pollution Control Board, 3<sup>rd</sup> Floor, Sarkar Bhawan, North TT Nagar, Bhopal (M.P.) - 462003.
2. **Member Secretary,** Chhattisgarh Environment Conservation Board, Paryavas Bhawan, North Block Sector -19, Atal Nagar Raipur (C.G.)

Corporate Office : Art Guild House, A-Wing 2<sup>nd</sup> Floor, Unit No-13, Phoenix Mall Compound, LBS Marg, Kurla West, Mumbai - 400 070  
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Regd. Office & Works : Monnet Marg, Mandir Hasaud, Raipur - 492 101 (Chhattisgarh)  
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### COMPLIANCE STATUS REPORT

of the condition stipulated in Environmental Clearance for change of boiler configuration in Integrated Steel Plant (1.75 MTPA) and Captive Power Plant (240 MW) of MIEL, Naharpali vide letter no. F. No. J-11011/196/2007 – IA II (I) dated 13<sup>th</sup> April, 2017

(Period: October, 2018 to March, 2019)

SN	Specific Condition	Status as on 31.03.2019
1.	The project proponent should install 24x7 air monitoring devices to monitor air emission and submit report to Ministry and its Regional Office.	Installed and connected with CPCB, CECB website with real time data.
2	All conditions stipulated in the earlier ECs granted to the project should be strictly adhered to.	Agreed
3	Total quantum of dust release and pollution which is being released today has to be maintained even after increase in the pellet plant capacity.	Agreed. Appropriate and adequate APCD has installed to keep emission level within norms even after increase in pellet plant capacity.
<b>General Condition</b>		
1	The project authorities must strictly adhere to the stipulations made by the Chhattisgarh Pollution Control Board and the State Government.	Agreed
2	No further expansion or modifications in the plant shall be carried out without prior approval of the Ministry of Environment, Forests and Climate Change (MoEF&CC)	Agreed
3	At least four ambient air quality monitoring stations should be established in the downward direction as well as where maximum ground level concentration of PM <sub>10</sub> , PM <sub>2.5</sub> , SO <sub>2</sub> and NO <sub>x</sub> are anticipated in consultation with the SPCB. Data on ambient air quality and stack emission shall be regularly submitted to this Ministry including its Regional Office at Nagpur and the SPCB/CPCB once in six months.	There are four Online Ambient Air Quality Monitoring Stations are placed in four directions of the plant as suggested by the CECB which is interconnected with CECB/CPCB website. Monitoring data of the stations is being submitted regularly to CECB, Regional office at Raigarh and CECB, head office, Raipur. Apart from the above, ambient air quality and stack emission is being monitored manually and report is being submitted to the board on monthly basis. Copy of the same is enclosed herewith as <b>annexure-II</b> .
4.	Industrial wastewater shall be properly collected, treated so as to conform to the standards prescribed under GSR 422 (E) dated 19th May, 1993 and 31 <sup>st</sup> December 1993 or as amended form time to time. The treated wastewater shall be utilized for plantation purpose.	Noted please.
5	The overall noise levels in and 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 should conform to the standards prescribed under EPA Rules, 1989 Liz.75 dBA (daytime) and 70 dBA (nighttime).	As a control measures, silencers and enclosures have been provided at all noise generating sources and as a secondary control measure PPE's like Earplugs/earmuff have been provided to the personals working in high noise areas. Regular monitoring of noise level is also in practice and report is being submitted to the board on monthly basis. Copy of the same is enclosed herewith as <b>annexure-II</b>
6	Occupational health surveillance of the workers shall be done on a regular basis and records maintained as per the Factories Act.	Regular health check-up of all workers is being carried out and record is being maintained.
7	The company shall develop rain water harvesting structures to harvest the rain water for utilization in the lean season besides recharging the ground water table.	Rainwater trench has constructed in the plant premises to collect runoff through interconnecting drains. Roof top rainwater harvesting system has been provided at township area.

8	The project proponent shall also comply with all the environmental protection measures and safeguards recommended in the EI/VEMP report. Further, the company must undertake socio-economic development activities in the surrounding villages like community development programmes, educational programmes, drinking water supply & health care etc.	We are committed to comply with all environmental protection measures and safeguards recommended in EIA/EMP report. We also undertake socioeconomic activities in nearby villages and focus areas are as education, health, infrastructure, sustainable livelihood and social issues.(Please refer Annexure-III)
9	Requisite funds shall be earmarked towards capital cost and recurring cost/annum for environment pollution control measures to implement the conditions stipulated by the Ministry of Environment, Forest and Climate Change (MoEFCC) as well as the State Government. An implementation schedule for implementing all the conditions stipulated herein shall be submitted to the Regional Office of the Ministry at Nagpur. The funds so provided shall not be diverted for any other purpose.	Separate funds have been allocated for environmental protection measures and apart from the one time capital expenditure every year recurring fund have been provided for implementing the conditions stipulated by MoEF and State Boards.
10	A copy of clearance letter shall be sent by the proponent to concerned panchayat, Zila Parishad/Municipal Corporation, Urban Local Body and the Local NGO, if any from whom suggestions/representations, if any, were received while processing the proposal. The clearance letter shall also be put on the web site of the company by the proponent.	Agreed
11	The project proponent shall upload the status of compliance of the stipulated environment clearance conditions, including results of monitored data on their website and shall update the same periodically. It shall simultaneously be sent to the Regional Office of the MOEFCC at Nagpur. The respective Zonal Office of CPCB and the SPCB, The criteria pollutant levels namely; PM <sub>10</sub> , SO <sub>2</sub> , NO <sub>x</sub> (ambient levels as well as stack emissions) or critical sectoral parameters, indicated for the projects shall be monitored and displayed at a convenient location near the main gate of the company in the public domain	Agreed
12	The project proponent shall also submit six monthly reports on the status of the compliance of the stipulated environmental conditions including results of monitored data (both in hard copies as well as by e-mail) to the Regional Office of MOEFOC, the respective Zonal Office of CPCB and the SPCB, The Regional Office of this Ministry at Nagpur / CPCB / SPCB shall monitor the stipulated conditions.	Agreed
13	The environmental statement for each financial year ending 31 <sup>st</sup> March in Form-V as is mandated to be submitted by the project proponent to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequent 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 respective Regional Office of the MOEFCC at Nagpur by e-mail.	Agreed

14	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 SPCB and may also be seen at Website of the Ministry of Environment, Forests and Climate Change (MoEF&CC) at <a href="http://envfor.tic.in">http://envfor.tic.in</a> . This shall be advertised within seven days from the date of issue of the clearance letter, at least in two local newspapers 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 should be forwarded to the Regional office at Nagpur.	The Environmental Clearance had been made public via local newspapers.
15	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.	Agreed

ANNEXURE-I

**MONNET ISPAT & ENERGY LIMITED**

(Joint Venture Company by AION & JSW Steel Ltd.)

**STACK EMISSION MONITORING REPORT**

**PERIOD : OCTOBER-2018 TO MARCH-2019**

Station Name/Parameter	STACK-1 (DRI Kiln 1 & Kiln-2)		STACK-2 (DRI Kiln 3 & Kiln-4)		STACK-3 (DRI Kiln 5 & Kiln-6)		STACK-4 (CFBC)		STACK-5 (AFBC)		STACK-6 (Rolling Mill)	STACK-7 (Blast Furnace)	STACK-8 (Sinter Plant)	STACK-9 (SMS)	STACK-10 (Pellet Plant)	
	SO <sub>2</sub>	PM	SO <sub>2</sub>	PM	SO <sub>2</sub>	PM	SO <sub>2</sub>	NOx	PM	SO <sub>2</sub>	NOx	PM	PM	PM	PM	PM
<b>MONTH</b>	RESULTS in mg/Nm <sup>3</sup> ; Prescribed Standard: PM- 50 mg/Nm <sup>3</sup> ; SO <sub>2</sub> -600 mg/Nm <sup>3</sup> and NOx-300 mg/Nm <sup>3</sup>															
Oct-18	200.8	30.4	233.6	35.6	222.8	34.9	*	*	*	*	*	*	*	*	*	24.4
Nov-18	200.8	30.3	287.9	35.2	221.7	35.5	*	*	*	*	*	*	*	*	*	21.4
Dec-18	213.6	31.2	237.0	35.5	231.3	35.7	*	*	*	*	*	*	*	*	*	26.7
Jan-19	184.0	31.5	293.8	35.5	165.2	35.8	19.1	72.9	31.8	*	*	*	*	*	*	21.7
Feb-19	348.3	31.9	386.0	35.7	311.1	35.6	0.4	30.9	42.2	*	*	*	*	*	*	41.6
Mar-19	293.0	30.8	333.0	34.9	230.0	35.1	0.4	42.1	31.3	*	31.3	17.5	25.6	19.9	41.1	

\* Unit Closed

HOD (Environment)

## ANNEXURE-III

**Monnet Ispat & Energy Limited**  
(Joint Venture Company by Aion & JSW Steel Ltd.)  
Naharpali, Kharsia, Raigarh

**CSR ACTIVITIES**  
**(October'18 to March'19)**

S.No	Activities	Location	Proposed Budget (Rs.)	Actual Expenses (Rs.)	Remark
1	Monnet DAV School	Mahendrapuram colony Naharpali	4300000	3465000	Work in Progress
2	Ambulance Facility	All 10 Villages	500000	250000	Work in Progress
3	School Boundary wall	Primary School Saihabhatha	833421	175000	Work in Progress
4	Chakradhar Samaroh	Raigarh	417315	417315	DONE (Sep.2019)
5	Health Camp	Maina devi Hospital	9000	8946	DONE (10.01.2019)
6	Women's Awareness Program	Naharpali	8700	8700	Done
<b>Total</b>			<b>6068436</b>	<b>4324961</b>	