



Director (S)
Ministry of Environment and Forests
Eastern Regional Office,
A/3, Chandrasekharapur,
Bhubaneswar- 751023

Ref No: FAP (B)/ ENV/ 568 / 15
Date: 30th May 2015 / 1. 6. 15

Sub: Submission of Six monthly compliance report on implementation of Environmental safeguards of Ferro Alloys Plant, Bamnival, for the period from **October'14 to March'15**.

Ref: Ministry of Environment and Forests Letter No: J-1101/10/2007-IAII (I), dated 07.05.2007

Dear Sir,

We are herewith submitting the six monthly compliance report in respect of the stipulated environmental clearance conditions of Ferro Alloys Plant, Bamnival, for the period from **October'14 to March'15** as per EIA Notification, 2006.

We are also sending you the soft copy of the report to your good office on email: mef.or@nic.in for your ready reference.

We trust that the measures taken towards environmental safeguards comply with the stipulated environmental conditions. We look forward to your further guidance which shall certainly help us in our endeavor for further improve upon our Environmental Management practices.

Thanking you,

Yours faithfully,

HEAD (FA Production)
Ferro Alloys Plant, Bamnival.
M/s Tata Steel Limited

Encl: As above

C.C: Member secretary, OSPCB, Bhubaneswar.

Regional Officer, OSPCB, Keonjhar.

TATA STEEL
Tata Steel Limited

Ferro Alloy Plant, Bamnival - 758 082, Keonjhar, Odisha, India
Tel. : 9238118601, 9238118603, 9238118605, Fax : 91 6726 243324
Regd. Office : Bombay House, 24 Homi Mody Street, Mumbai 400 001

COMPLIANCE STATUS PERIOD: OCT'14 to MARCH'15 FOR

ENVIRONMENTAL CLEARANCE OF FERRO ALLOYS PLANT, BAMNIPAL OF TATA STEEL LIMITED VIDE MOEF's LETTER NO. No.: J-11011/10/2007-IA. II (I), Dated 07.05.2007

A. SPECIFIC CONDITIONS

- i) The gaseous emissions from various process units shall conform to the load/mass based standards notified by this Ministry on 19th May, 1993 and standards prescribed from time to time. State Board may specify more stringent standards for the relevant parameters keeping in view the nature of the industry and its size and location. At no time, the emission level shall go beyond the prescribed standards. Interlocking facilities shall be provided so that process can be automatically stopped in case emission level.

Status of Compliance:

The Proposed expansion project not yet started, shall be complied. Interlocking facilities shall be provided wherever feasible to stop the process, in case emission level exceeds the limit. In other places, alarms will be provided for necessary action. Online stacks emission monitoring systems shall be installed in the new major stacks.

- ii) Continuous stack monitoring facilities for all the major stacks and adequate air pollution control systems shall be provided to keep emission levels below 50 mg/Nm³ and reports submitted to the OSPCB & CPCB.

Status of Compliance:

The proposed expansion project construction not yet started. Monthly stack monitoring report of existing plant is submitted to OSPCB, BBSR and RO, OSPCB keonjhar, Orissa, every month.

As per the OSPCB consent order the prescribed emission standard for stack attached to Arc furnace and GFPS is only for PM i.e 100 mg/ Nm³.

| | | OCT | NOV | DEC | JAN | FEB | MARCH |
|------------|----------------------------|---|---|---|---|---|---|
| parameters | Std (mg/ Nm ³) | Avg. during the month(mg/ Nm ³) | Avg. during the month(mg/ Nm ³) | Avg. during the month(mg/ Nm ³) | Avg. during the month(mg/ Nm ³) | Avg. during the month(mg/ Nm ³) | Avg. during the month(mg/ Nm ³) |
| PM | 100 | Dt. 05.08.2014 onwards Plant under shut down | Dt. 05.08.2014 onwards Plant under shut down | Dt. 05.08.2014 onwards Plant under shut down | Dt. 05.08.2014 onwards Plant under shut down | 18.26 | 15.84 |

- iii) In-plant control measures for checking fugitive emissions from all the vulnerable sources shall be provided. Fume and dust extraction system with bag filters shall be provided at the transfer and discharge points to control fugitive emissions. Pneumatic

