

**BY REGD. POST**

Regional Officer  
Regional Office  
State Pollution Control Board  
Baniapat, (Near D.D. College)  
College Road, Keonjhar  
Dist: Keonjhar

TSI/J/E9.3/AKP/  
Dated: 01.02.2018

Dear Sir,

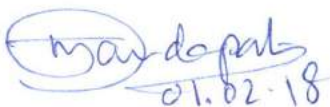
We are enclosing the Ambient Air Quality readings at different locations with stack monitoring data and also the Energy Meter readings at Tata Sponge Iron Limited, Joda for the month of – January, 2018.

The environmental monitoring results are also uploaded to our website, vide the URL <http://www.tatasponge.com/sustainability/epr/epr.pdf> and displayed at the main factory gate.

This is for your kind information, please.

Thanking You,

Yours faithfully,

  
01.02.18

(T M DANDAPAT)  
Head (Safety & Environment Management)

Cc to: The Member Secretary  
State Pollution Control Board  
Paribesh Bhawan  
A/118, Nilakantha Nagar  
Unit-VIII,  
Bhubaneswar-751 012

✓ Cc to: Env File

## JANUARY'18

### Online Ambient Air Quality:

#### **PM<sub>10</sub>**

Location	PM <sub>10</sub>	Norm (µg/m <sup>3</sup> )
Plant Area	74.00	100.00
Township Area	66.00	100.00
Mobile Van at Main Gate	59.00	100.00

#### **PM<sub>2.5</sub>**

Location	PM <sub>2.5</sub>	Norm (µg/m <sup>3</sup> )
Plant Area	38.00	60.00
Township Area	45.00	60.00
Mobile Van at Main Gate	37.00	60.00

Location	SO <sub>2</sub>	NO <sub>2</sub>	CO
Plant Area	10.7	19.67	0.44
Township Area	4.3	22.79	0.93
Mobile Van at Main Gate	24.1	5.66	0.27
<b>Norm (µg/m<sup>3</sup>)</b>	<b>80.00</b>	<b>80.00</b>	<b>4.00</b>

### Stack Emission:

Location	PM Readings (mg/Nm <sup>3</sup> )	PM Norm (mg/Nm <sup>3</sup> )	SO <sub>2</sub> (mg/Nm <sup>3</sup> )
ESP of Kiln-I	36.00	100.00	444.1
ESP of Kiln-II	57.00	100.00	570.2
ESP of Kiln-III	45.00	100.00	506.7
DE-I	49.00	100.00	
DE-II	63.00	100.00	
DE-III	41.00	100.00	



**MONTHLY RETURN FOR ELECTRICAL ENERGY METER READING OF AIR  
POLLUTION CONTROL DEVICES IN SPONGE IRON PLANTS**

Name of Industry & Address : **TATA SPONGE IRON LIMITED, JODA**  
No of Kilns in operation & their capacity in TPD: **2 Kilns with 375 TPD & 1 Kiln with 500 TPD.**

MONTH & YEAR: **JANUARY'18**

Date	8AM (Time of taking reading)				Daily production of Sponge Iron in MT			Remark
	I	II	III	IV	Kiln - I	Kiln - II	Kiln-III	
	KILN-I MF=10	Kiln - II MF=60	Kiln-III MF=1000	MF				
O/P Read	159047	346395	191.79					
1-Jan-18	159163	346435	195.181		Shutdown	366	390	
2-Jan-18	159266	346475	198.915		Shutdown	369	374	
3-Jan-18	159266	346512	202.419		Shutdown	370	401	
4-Jan-18	159266	346550	206.053		Shutdown	371	419	
5-Jan-18	159266	346589	209.917		Shutdown	366	425	
6-Jan-18	159266	346627	213.637		Shutdown	358	406	
7-Jan-18	159448	346665	217.335		20	362	437	
8-Jan-18	159565	346704	221.095		286	364	446	
9-Jan-18	159784	346741	224.876		304	365	453	
10-Jan-18	160065	346779	228.558		346	371	461	
11-Jan-18	160345	346817	232.213		378	377	478	
12-Jan-18	160632	346855	235.929		400	381	474	
13-Jan-18	160922	346892	239.653		354	378	476	
14-Jan-18	161215	346930	243.386		405	378	488	
15-Jan-18	161506	346968	247.116		409	382	500	
16-Jan-18	161791	347005	250.86		410	378	507	
17-Jan-18	162080	347042	254.602		409	378	514	
18-Jan-18	162366	347079	258.446		400	375	506	
19-Jan-18	162659	347117	262.274		406	383	507	
20-Jan-18	162957	347154	266.1		406	376	497	
21-Jan-18	163255	347191	269.74		410	376	505	
22-Jan-18	163548	347228	273.502		413	374	493	
23-Jan-18	163850	347266	277.262		410	384	470	
24-Jan-18	164144	347302	280.975		417	384	504	
25-Jan-18	164439	347339	284.745		416	354	505	
26-Jan-18	164739	347375	288.509		419	219	506	
27-Jan-18	165032	347409	292.278		418	Shutdown	507	
28-Jan-18	165335	347446	296.0149		416	Shutdown	512	
29-Jan-18	165630	347488	299.823		412	Shutdown	515	
30-Jan-18	165936	347535	303.661		416	Shutdown	515	
31-Jan-18	166225	347577	307.385		417	Shutdown	515	
Total reading	7178	1182	115.59		9497	9539	14706	
Total units in KWH	71780	70920	115590					

MF = Multiplying Factor of the concerned energy meter

Please specify the Pollution control equipment to which the corresponding energy meter is connected in a separate sheet

NB:- To be submitted in triplicate (2 for Head office + 1 for concerned Regional office )

Any other information :

  
 Signature of the Occupier  
 Name, Designation & Seal  
**P M Dandapat**  
**HOD (Safety & Environment)**  
**TATA SPONGE IRON LTD**  
**At/Po Joda, Dist Keonjhar, Odisha 758034**