



The Member Secretary,
Odisha State Pollution Control Board,
A/118, Nilakanthanagar
Unit-VIII, Bhubaneswar – 751 012

KPO/Env/C-05/ 10 /2018
May 25, 2018.

Dear Sir,

Reg: Annual return in Form-4 as per the requirement of Hazardous Waste
(Management & Transboundary Movement) Rules, 2016.

We are enclosing herewith the "Annual return in Form-4, for the period of April '2017 to
March 2018" as per Hazardous Waste (Management & Transboundary Movement)
Rules, 2016 for your kind information.

We also submit the copies of Manifest in Form- 10 for the FY 2017-18 for your ready
reference.

We trust the information furnished is in line with the requirement.

Thanking You,

Yours faithfully,
For Tata Steel Limited

U S Parkhi
Head, Environment



Copy to: The Regional Officer, OSPCB
Kalinganagar Industrial Complex, Jajpur, Odisha

TATA STEEL KALINGANAGAR

Jajpur 755 026 India

Registered Office Bombay House 24 Homi Mody Street Fort Mumbai 400 001

Tel 91 22 66658282 Fax 91 22 66657724

Corporate Identity Number L27100MH1907PLC000260 Website www.tatasteel.com

FORM 4

[See rules 6(5), 13(8), 16(6) and 20 (2)]


FORM FOR FILING ANNUAL RETURNS

[To be submitted to State Pollution Control Board by 30th day of June of every year for the preceding period April to March]

1. Name and address of facility:	Tata Steel Ltd., Kalinga Nagar Industrial Complex, Jajpur, Odisha- 755026		
2. Authorisation No. and Date of issue:	IND-IV-HW-1111/12422, dtd. 06/08/2016		
3. Name of the authorised person and full address with telephone, fax number and e-mail:	U S Parkhi Tata Steel Ltd KNIC, Jajpur, Odisha- 755026 Telephone: 0657 606051 e-mail: env.op@tatasteel.com		
4. Production during the year (product wise), wherever applicable <u>Production during the year FY 2017-18</u>			
Products	Quantity (in Metric Tonnes)		
Gross Coke (from Coke Plant)	1,567,674		
Net Sinter (from Sinter Plant)	3,402,582		
Hot Metal (from Blast Furnace)	2,906,364		
Total Slab (from SMS)	2,529,871		
Total HR Coils (from HSM)	2,557,134		
Gross Calcined Lime (from LCP)	271,098		
Part A. To be filled by hazardous waste generators			
1. Total quantity of waste generated category wise:			
S.N	Waste Description	Category of Hazardous Waste as per the Schedules I,II and III of these Rules	Quantity (MT)
1	Sludge and filters Contaminated with Oil	Schedules-I Stream-3.3	Nil
2	Used or spent oil	Schedules-I Stream-5.1	60.30
3	Wastes / Residues containing oil	Schedules-I Stream-5.2	20.59
4	Used grease / Greased sludge	Schedules-I Stream-5.2	60.36
5	Oil soaked jute / cotton	Schedules-I Stream-5.2	10.76
6	Acid from used Batteries	Schedules-I Stream-9.3	Nil
7	Acid & Alkaline residues, spent acid and Alkali	Schedules-I Stream-12.1 & 12.2	Nil
8	Coal Tar sludge	Schedules-I Stream-13.4	206.77
9	Tar tank, Storage sludge / residues	Schedules-I Stream-13.5	Nil
10	CO gas pipe line waste & residue from CO gas tap	Schedules-I Stream-13.6	Nil
11	Cleaning solvent sludge	Schedules-I Stream-20.4	Nil
12	Empty containers of hazardous chemical	Schedules-I Stream-33.1	*648
13	Exhaust air or gas cleaning residue	Schedules-I Stream-35.1	Nil
14	Spent Ion exchange resins	Schedules-I Stream-35.2	Nil
15	sludge from waste water treatment	Schedules-I Stream-35.3	204.18
16	Oil and grease skimming residue	Schedules-I Stream-35.4	2.48
17	Waste cartridge from CETP,WWTP	Schedules-I Stream-36.2	Nil
18	Evaporation residue from CETP	Schedules-I Stream-37.3	Nil
In addition to above, 5.46 MT of **unused/expired chemical were generated.			

2. Quantity dispatched			
(i) to disposal facility	SN	Hazardous Waste despatched to CHWTSDF, Sukinda through M/s Ramky	Quantity (MT)
	1	sludge from waste water treatment	204.18
	2	Oil and grease skimming residue	2.48
	3	Glass wool	16.47
	4	LDO sludge	3.37
	5	Oil soaked jute/cotton/ filters	10.76
	6	**Unused/ rejected chemicals	5.46
(ii) to recycler or co-processors or pre-processor	SN	Hazardous Waste despatched to registered recycler(s)	Quantity (MT)
	1	Used oil	60.3 MT
	2	Waste oil	20.59 MT
	3	Used grease	56.99 MT
		* 648 (289 for used oil +100 for waste oil +259 for used grease) Nos. of containers were used for storing the used oil/waste Oil/used grease were sold to registered recyclers along with containers.	
(iii) Others	Nil		
3. Quantity utilised in-house, if any	206.77 MT of coal tar sludge utilised in- house		
4. Quantity in storage at the end of the year	Nil		
Part B.			
To be filled by Treatment, storage and disposal facility operators			
1. Total quantity received	Not Applicable		
2. Quantity in stock at the beginning of the year			
3. Quantity treated			
4. Quantity disposed in landfills as such and after treatment			
5. Quantity incinerated (if applicable)			
6. Quantity processed other than specified above			
7. Quantity in storage at the end of the year			
Part C.			
To be filled by recyclers or co-processors or other users			
1. Quantity of waste received during the year	Not Applicable		
(i) domestic sources			
(ii) imported (if applicable)			
2. Quantity in stock at the beginning of the year			
3. Quantity recycled or co-processed or used			
4. Quantity of products dispatched (wherever applicable)			
5. Quantity of waste generated			
6. Quantity of waste disposed			
7. Quantity re-exported (wherever applicable)			
8. Quantity in storage at the end of the year			

Date... Kalinganagar
Place... 28/05/2018


Signature of the Operator of the disposal facility
U.S. Parkhi
Head Environment
Tata Steel Kalinganagar

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