

Inspection Report of Sri. D.R. Kumaraswamy, Chief Environmental Officer-3, Bangalore-79.

Name of the industry	M/s. JSW Steel Ltd., Vijaynagar Works, Vidyanagar, Torangallu, Ballary District.
Date of inspection	03-10-2017 and 04-10-2017
Regional Officers present (Ballary)	1. Sri. Doddashanaya - RO 2. Sri. Shivamuruthy- DEO
Factory authorities present	1. Dr. Srinivas- Environmental Engineer
Consent status	Valid upto 30-06-2021 consent under both Acts.
Category	Large- Red
Products manufactures as per consent in Kgs/month	Refer Annexure-I of consent order

The industry was inspected as per the Board Office letter No.PCB/05/EGV-16/31150, dated: 04-09-2017.

The factory was in operation at the time of inspection at the capacity of 11.07 MTPA of Steel. The following observations and informations collected from F.A & RO office during the inspection:

Sl. No.	Consent Condition No.	Observations

A I	1	The overall consumption of water is about 2.5 cum/ton of steel
	2	No comments
	3	Yes, all the STP/ETP were in operation and treated effluent recycled back
	4	Ro informed it is meeting the standards
	5	The treated effluents are collected in three Guard ponds and recycled back.
	6	Vidyanagar (1.5 MLD and 1.0 MLD), V.V. Nagar Town Ship and plant area (1.2 MLD and 3 MLD) were in operation, treated effluent recycled back.
	7	Complied
	8	During rainy seasons the over flow of Guard ponds joins natural nallah.
	9	STP and ETP operated on captive power supply.
	10	Under progress
	11	Coke oven plant effluent is treated in R.O. and recycled back
	12	About 12,000m ³ /d of effluent treated in R.O. plants
AII	1 to 4	Complied
	5	Complied , ISO 14001:2004 Certified.
AIII	1 & 2	Complied
B	1 to 5	Complied
	6	Improvement is required
	7	Under progress
	8	Complied

	9	Under progress
	10	Complied
	11	Under progress
	12	26 number of sources are connected to CEMS another 45 numbers is under progress
	13	Complied,CAAQMS installed at six locations.
	14	Modification made in Consultation with RO.
	15	10 NO's of manual AAQMS Located at near by villages as per R.O guidance
	16	Report submitted to R.O.
	17	Under progress
C	1	Complied
D	1	Complied, HW authorization is valid up to 30/6/13 applied for amendments.
E	1	The solid waste is utilized with in the plant.
	2	Under progress
	3	Complied
	4	Under progress
	5	Under progress
F	1	Complied
G	1	Complied
H	1 to 3	Complied
	4	Under progress

	5 to 7	Complied
	8	Under progress
	9	No comments
	10	Maintained about 33.3% greenery , plantation under progress
	11	compiled
	12 & 13	Complied
	14	It is continues process
	15	Complied
	16	No comments
	17	It is continues process
	18 to 20	No comments
	21	Complied
Monitoring and reporting		
	1 & 2	Complied
	3	Complied
	4 to 7	No comments, F.A. have noted

Comments:- The factory set up in about 7000 acres of land and there are 376 emission sources, which requires one permanent officers at the factory to monitor day to day Environmental pollution Control Activities.

N. J. Wang
Chief Environmental Officer-3