

RASHTRIYA ISPAT NIGAM LIMITED
VISAKHAPATNAM STEEL PLANT
MADHARAM DOLOMITE MINE
MADHARA507122.Khammam, T.S

Ref.No.MDM/CFO/7-57/2019/

Date: December 19th. 2019

To
The Environmental Engineer
T. S. Pollution Control Board
Beside MRO Office,
Singareni Head Office Area
KOTHAGUDEM – 507 101.

Dear Sir,

Sub: Submission of CFO Compliance-Reg
Ref: TSPCB order no.16082389747 dated 09.12.2016

With reference to the above cited letter .the TSPCB granted CFO renewal to Madharam Dolomite Mine of Visakhapatnam Steel Plant, Madharam.


We furnish here with the Compliance report to the TSPCB as per the general and specific conditions Stipulated in the CFO condition.

Kindly acknowledge and oblige

Thanking you,

Encl: as above.

Yours faithfully
For VSP, Madharam Dolomite Mine


(D .Siva Kumar)
GM (Mines)/MDM

Copy to:

1 CGM (Mines) through GM (Mines)

O/C

COMPLIANCE REPORT FOR CONSENT ORDER

Compliance report for Consent granted by TSPCB order no.16082389747. Under section 21 of AIR (Prevention and Control of Pollution) Act, 1981 and under Section 25/26 of the Water (Prevention & Control of Pollution) Act, 1974 and amendments thereof.

s.no	Stipulated condition	compliance
1	The applicant shall make application through online for renewal of Consent order and authorization under HWM rules at least 120 days before the date of expiry of this order	We will apply online application at least 120 days before the date of expiry of this order.
2	This order is issued in line with Boards CFO order dated 11.11.2015 and the industry shall comply with all other conditions of CFO order Dt: 11.11.2015 are still applicable.	Is being complied.
3	The facility may explore the possibility of Tapping the solar energy for their energy requirements.	Is being utilized all possible sources.
4	The industry shall comply with the all the directions issued by the board from time to time.	Is being complied
5	The board reserves its right to modify above conditions or stipulated any further conditions and to take action including revoke of this order in the interest of protection of public health and environment.	Agreed.
1	The industry shall not manufacture any un-consent products and exceeding capacities without obtaining prior CFE and CFO of the board.	schedule -B Production level is maintained as stipulated in the CFO and no point of time production will be increased without CFE&CFO of the board.
2	The industry shall take steps to reduce water consumption to the extent possible and consumption shall not exceed the quantities prescribed as per CFO.	Is being maintained as per the norms prescribed in the consent order
3.	The industry shall maintain water flow meters for recording water consumption for various purpose and maintain records	Installed water meters at all possible utilization of water sources and maintained record also.
4	The effluent discharged shall not contain constituents in excess of the tolerance limits	01. The effluents like Ph, Total Suspended Solids, Oil & Grease and Chemical Oxygen Demand (COD) are being maintained as per the prescribed limits mentioned in the consent order

		and monthly the effluent details are submitted to TSPCB also
5	The industry shall file the water Cess returns IN Form-1 As required under section (5) of water Cess Act, 1977 on or before the 5th of every month.	Water Cess monthly return is being submitted before 5 th of every month in Form-1 under section (5) of water (Prevention and Control of Pollution) Cess Act, 1977 and payment of water cess is also being paid from time to time
6	The industry shall comply with the National Ambient air quality standards at outside the factory premises at the periphery of the industry as per CPCB Guidelines.	We maintain AAQ standards in and around the mine within the prescribed norms stipulated in the consent order.
7	The industry shall commission silos for storage of crushed material by Oct -2017 as committed vide letter 29.11.2016	The construction of silos completed, structural work related to the Silos also completed. Mechanical equipment including electrical erection completed and individual trails completed. Presently integrated trail and automation activities under progress expected to completed by march-2020
8	The industry shall install one CAAQM station within one months and submit report to the RO KGM	Purchase order placed on M.s.NEVCO ENGINEERS PVT LTD and by the 31.12.2018 installation and commission of CAAQMs will be completed .Copy of PO is enclosed for your reference
9	The industry shall provide and maintain separate water meters for recording water consumption for various process within a month and also maintain proper daily records	Installed water meters at all possible utilization of water sources and maintained record also.
10	the industry shall maintain flow meter at inlet and outlet of STP for recording waste water generation and disposal and maintain records	Digital Water meter installed and maintained the records
11	all waste material shall be accommodated within the mining lease area	All overburden (morrum) is being dumped at Waste dump Yards within our mining lease area in the non mineralized zone.
12	All mining products and rejects, irrespective of size and quality ,shall be hauled away from mine	No products / rejects are identified except morrum (OB).
13	The natural drainage of water shall be maintained. Dump sites shall not cross any streams, water flow from the mining lease area. Even during the monsoon , garland drains shall be free of suspended matter and confirm to prescribed quality	Natural drainage of water is maintained. No stream and water is flowing within our M.L.area.
14	The industry shall maintain settling tank for mine discharge water	Two No's of check-dam have been constructed for mine discharge water and the compliance is reported to RO, TSPCB.
15	the industry shall operate dry fog system regularly installed for dust suppression system	Performance evaluation of Agglomerative Dust Suppression system (ADS) is being submitted to R.O, TSPCB, Kothagudem month wise regularly
16	Dumping of over burden, if done, shall be in retreating pyramid bench formation with concurrent, physical and biological reclamation dumps shall be contoured and provided with	Overburden (Murom) is being dumped by using the retreating pyramid bench formation with concurrent, physical and biological reclamation. North side Dump tops are compacted, leveled and

	relief control and stabilized. Dumps top shall be compacted, leveled and be properly drained	plantation has been done for stabilization
17	soil binding and nitrogen fixing plants	Soil binding and nitrogen fixing plants were planted in Mining Lease area. A total of 1.35 hectares of different species were planted. Almost about 98480 saplings survived and majority of them grown as big trees (Year wise forestation statement is enclosed for your perusal).
18	check dams and filter beds shall be constructed to protect from stream runoff	To protect from the stream run-offs, check dams were constructed at mine.
19	Ground water table levels shall be monitored every season. Any lowering of the ground water table in comparison of previous season shall be reported to the board immediately. Discarded pits shall be allowed to fill with water	Ground water study has been conducted by Ground Water Department, Govt. of A.P., Khammam in 2011. There is no adverse impact on ground water reported, and we will submit the ground water table levels season wise to the TSPCB, and we are regularly monitored water tables using water level indicators.
20	Vehicles shall be well maintained and engine idling shall be minimized. Vehicles cabs shall be made dust proof	Heavy Earth Moving Machinery (HEMM) is maintained well and vehicle cabs are made of dust-proof
21	Drills shall be water-jacketed. Local exhaust ventilation system shall be installed at dust generation points and the dust is led to a dust collection system	Dust suppression system is provided in all the drills to avoid the air borne dust emission.
22	An environmental policy statement which spells out the overall environment management policy and the thrust programs for the next two years shall be prepared and submitted to the board and circulated to the people in habitants in a 10km radius around the plant and mines	An environmental policy statement spelling out the overall environmental management philosophy and its thrust programs has been designed.
23	A separate environment management cell with suitable qualified personnel shall be set up under the control of a senior executive who will report directly to the head of organization	An environmental management cell with suitable qualified personnel was set up and copy enclosed for perusal.
24	plantation shall be raised and maintained along the roads, dump sites etc. including wide green belt all around the ML area by planting the native species in consultation with local DFO/agriculture department	it will be implemented as per your directions
25	The industry shall under take suitable artificial recharge measures in the project area for augmentation of ground water recourses	Ground water studies were conducted by Ground Water Department, Govt. of A.P. and suitable measures are being taken as per their report to recharge the water tables. 6 nos. of rain water harvesting ponds/pits made within our M.L. area
26	The industry shall maintain dust suppression system at all fugitive dust generating points to meet the AAQM standers.	ADS system installed at all fugitive dust generation points and monthly dry fog system report submitted to EE, RO, KGM
27	The industry shall maintain separate energy meters for recording energy consumption for air pollution control equipments and maintain record for daily energy consumption.	Installed energy meter at ADS system unit and maintain records of daily energy consumption. the same report also send to the RO, KGM monthly.
28	The industry should establish appropriate RWH	Is being fallowed.

	structure on the available UP stream portion of the Plant site	
29	the industry shall comply with directions issued by Task force from time to time	is being compiled
30	this order is subjected to any order for further order to be passed by the honorable NGT W.P.NO.23744/2002 or any other honorable court law	ok ,we will honor
31	The applicant shall submit Environment statement in form V before 30th September of every year as per rule No.14 of E(P) Rules,1986&amendments thereof.	.Environment Statement in Form V as per rule no.14 of E(P) Act, 1986 being submitted from time to time for every year before 30 th September ie. From 1 st April to 31 st March
		schedule-c
1	The industry shall give to top priority for waste minimization and cleaner production practices	. Be Complied
2	The industry shall not store more than 180 days as per hazard wastes rules ,2008 and amendments thereof	Be complied, Hazardous waste being transported to our main plant i.e. Visakhapatnam Steel Plant for further disposals
3	The industry shall dispose/sell the Hazardous waste to only Industries /agencies authorized by the State pollution control board.	Is being fallowed.
4	The industry shall maintain proper records for Hazardous waste Disposal and its concurrence with authorization.	Is being fallowed.
5	The industry shall store used/waste oil and used lead Acid Batteries in a secured way in the premises till its disposal. Waste oils shall be disposed to the authorized Preprocessors/Recyclers and used lead Acid batteries shall be disposed to the manufacture /dealers on buy back basis. the industry shall take necessary practical steps for prevention of oil spillages and carryover of oil from the premises	Separate storage room has been demarcated for storage of oil and all the barrels are kept in the tray to prevent the oil spillages. All used lead acid batteries send to the manufactures on buy back basis
6	The industry shall dispose of e-waste to authorized recyclers only	Not Applicable.
7	the industry shall maintain good housekeeping & maintain proper record for hazardous waste stated in authorization	Good housekeeping is being maintained
08	The industry shall submit the condition wise compliance report of the conditions stipulated in schedule A, B & C of this order on half yearly basis to board office, Hyderabad and concerned regional office.	Submitted on half-yearly basis


D.SIVA KUMAR)
General Manager (Mines)