



सत्यमेव जयते

File No:J-11011/494/2007-IA.II(I)  
Government of India  
Ministry of Environment, Forest and Climate Change  
IA Division

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Dated 23/10/2023



To,

M/s. Orissa Metaliks Private Limited  
GRASTIN PLACE, ORBIT 3RD FLOOR ROOM NO . 3B, KOLKATA, KOLKATA, WEST  
BENGAL, NEAR BANSAL COURT, 700001  
Email: orissametalikspvtltd@gmail.com

**Subject: Transfer of Environment Clearance titled “Expansion of integrated steel plant (Sponge Iron (10,50,000 TPA); Pig Iron (10,60,000 TPA); Pellet Plant (6,00,000 TPA); Steel Melting Shop (10,50,000 TPA); Captive Power Plant (85 MW); Coal Washery (15,00,000 TPA) and Coke oven Battery (6,00,000 TPA) at Village - Marakuta, District Jharsuguda, Odisha” from M/s. MSP Metaliks Limited to M/s. Orissa Metaliks Private Limited – regarding**

Sir/Madam,

This is in reference to your application submitted to MoEF&CC vide proposal number IA/OR/IND1/442388/2023, dated 19/09/2023 requesting the Ministry to transfer the Environment Clearance accorded by MoEF&CC vide letter no. J-11011/494/2007-IA. II(I) dated 13/07/2009 from M/s. MSP Metaliks Limited to M/s. Orissa Metaliks Private Limited.

2. The particulars of the proposal are as below :

(i) EC Identification No.	EC23A1001OR5864822T
(ii) File No.	J-11011/494/2007-IA.II(I)
(iii) Clearance Type	Transfer of EC
(iv) Category	A
(v) Project/Activity Included Schedule No.	3(a) Metallurgical Industries (ferrous and non ferrous),4(b) Coke oven plants,2(a) Coal washeries,1(d) Thermal Power Plants,1(d) Thermal Power Plants
(vi) Sector	Industrial Projects - 1

(vii) Name of Project	Expansion of integrated steel plant (Sponge Iron (10,50,000 TPA); Pig Iron (10,60,000 TPA); Pellet Plant (6,00,000 TPA); Steel Melting Shop (10,50,000 TPA); Captive Power Plant (85 MW); Coal Washery (15,00,000 TPA) and Coke oven Battery (6,00,000 TPA) at Village - Marakuta, District Jharsuguda, Odisha by M/s MSP Metaliks Limited
(viii) Name of Company/Organization	M/s. Orissa Metaliks Private Limited
(ix) Location of Project (District, State)	JHARSUGUDA, ODISHA
(x) Issuing Authority	MoEF&CC
(xi) EC Date	13/07/2009
(xiii) Details of Transferee	M/s. Orissa Metaliks Private Limited., 1, GARSTIN PLACE, ORBIT HOUSE, 3RD FLOOR, ROOM NO. 3B KOLKATA, WEST BENGAL, INDIA, Kolkata, 315, 19, NEAR BANSAL COURT, 700001
(xiv) Details of Transferor	M/s MSP Metaliks Limited, 1, GARSTIN PLACE, ORBIT HOUSE, 3RD FLOOR, ROOM NO. 3B KOLKATA, WEST BENGAL, INDIA, Kolkata, 315, 19, 700001

3. The Ministry of Environment, Forest and Climate Change (MoEF&CC) has examined the request submitted by you and the following points are noted:

- (i). Environment clearance (EC) to the project cited above was initially accorded by the Ministry vide letter no J-11011/494/2007-IA.II(I) dated 13/07/2009 in the name of M/s. MSP Metaliks Limited under the provisions of the EIA Notification, 2006 for integrated steel plant (Sponge Iron (10,50,000 TPA); Pig Iron (10,60,000 TPA); Pellet Plant (6,00,000 TPA); Steel Melting Shop (10,50,000 TPA); Captive Power Plant (85 MW); Coal Washery (15,00,000 TPA) and Coke oven Battery (6,00,000 TPA).
- (ii). Further PP submitted that for change in configuration of plant an application was submitted to MOEFCC, New Delhi vide letter no. 21.09.2009 & in 4th Reconstituted Expert Appraisal Committee (Industry-1) MoEFCC, New Delhi meeting held on 26th & 27th October 2009 the project was considered on 27th October 2009 and after detail deliberation the project was recommended for change in plant configuration and capacity of plant. The sponge iron production capacity has reduced by 56,000 TPA and PP obtained the CTE as per the change in configuration.
- (iii). According to the records made available by the project proponent obtained CTE vide order No 2517/Ind-II-NOC-5204 dated 20.02.2010 and CTO was obtained for partial implementation vide letter 925/III-CON(Operate)203 dated 21.04.2011 and Letter No 5772/IND-1-CON-5973 dated 31.03.2015 from SPCB, Odisha.
- (iv). According to the records made available by the project proponent, the following are the facilities as per EC and its implementation status is given at **Annexure I**.
- (v). Reasons for transfer of EC: M/s MSP Metaliks Limited has gone in 'Liquidation' & M/s Orissa Metaliks Private Limited (OMPL) has purchased/acquired the assets of MSP Metaliks Limited on "assets sale basis" under liquidation under the order (I.A No. 616/KB/2022, dated

11.07.2022) connected with CP (IB) No. 580/KB/2020 of the National Company Law Tribunal (NCLT) Kolkata bench, Kolkata after being a 'Successful Bidder' on relation to E-Auction held on 06.05.2022. Now, M/s Orissa Metaliks Private Limited (OMPL) is operating the plant under the name of M/s MSP Metaliks Limited after obtaining Consent to Operate from State Pollution Control Board, Odisha.

Post-acquisition, new management of the company started revamping work of the units and applied for renewal of consent to operate to OSPCB with requisite fees & OSPCB issued renewal of consent to operate in phased manner dated 17.08.2022, 07.01.2023 and renewed on 22.03.2023 (valid up to 31.03.2024) for operation of 8 x 100 TPD DRI, 24 MW (8 MW WHRB + 16 MW AFBC) Captive Power Plant, 2 x 30 T I.F. (SMS), 4,60,000 TPA Sinter Plant, 6,00,000 TPA Pellet Plant, and 2 X 4,000 Nm<sup>3</sup>/Hr Producer gas plant and dated 13.06.2023 for 1,88,000 TPA Blast furnace. Revamping work of, 7,00,000 TPA Coal Washery and 2, 40,000 TPA Coke oven Battery is in progress and application made to SPCB, Odisha for consent to operate is in progress.

(vi). Documents submitted for EC transfer

(a) Form No.7 for transfer of Environmental Clearance.

(b) NOC by way of affidavit in non-judicial stamp certificate dated 29/08/2023 from M/s. MSP Metaliks Limited.

(c) Undertaking by way of affidavit in non-judicial stamp certificate dated 29/08/2023 by M/s. Orissa Metaliks Private Limited that they will abide/obey all the conditions stipulated in the Environment Clearance by MoEF&CC vide letter no. vide F.No. 11011/494/2007-IA-II(I) dated 13.07.2009.

(d) NCLT Kolkata order dated 18/08/2023.

4. This Ministry hereby accepts your request for transfer the implemented facility of Environment Clearance accorded by MoEF&CC vide letter no. J-11011/494/2007-IA. II (I) dated 13/07/2009 as per Annexure I table, i.e. DRI kiln (2,40,000 TPA), Mini Blast Furnace ( 1,88,000 TPA), Captive Power plant (8 MW WHRB +16 MW AFBC), Steel Melting Shop(1,07,700 TPA), Coal washery (7,00,000 TPA), Sinter Plant (4,60,000 TPA), Pellet Plant( 6,00,000 TPA) and Coke oven battery 2,40,000 TPA from M/s. MSP Metaliks Limited to M/s. Orissa Metaliks Private Limited, subject to satisfactory compliance to all the stipulated specific and general conditions.

5. You are hereby requested to obtain Consent to Operate in the name of to M/s. Orissa Metaliks Private Limited from State Pollution Control Board.

6. M/s. Orissa Metaliks Private Limited shall comply with the all specific and general conditions stipulated in the Environment Clearance letter of even no. dated 13/07/2009.

7. In case, there is a change in the scope of the project, fresh Environment Clearance shall be obtained.

8. This issues with the approval of the Competent Authority.

**(Dr. R. B. Lal)**

**Scientist 'F'/ Director**

Tel: 011-20819346

[Email-rb.lal@nic.in](mailto:Email-rb.lal@nic.in)

**Copy To**

1. The Principal Secretary, Department of Forest and Environment, Government of Odisha, Bhubaneswar, Odisha
2. Director General of Forest, Ministry of Environment, Forest and Climate Change, New Delhi
3. Principal Chief Conservator of Forests & HoFF, Aranya Bhawan, Chandrasekharpur, Bhubaneswar - 751 023, Odisha
4. The Regional Officer, Ministry of Environment, Forest And Climate Change, Integrated Regional Office, A/3, Chandrasekharpur, Bhubaneswar – 751023 ODISHA
5. The Member Secretary, Central Pollution Control Board, Parivesh Bhawan, CBD-cum-Office Complex, East Arjun Nagar, Delhi – 32
6. The Member Secretary, Central Ground Water Authority, Jamnagar House, 18/11, Man Singh Road Area, New Delhi, Delhi 110001
7. The Member Secretary, Odisha State Pollution Control Board, Paribesh Bhawan, A/118, Nilakantha Nagar, Unit - VIII, Bhubaneswar -12 Odisha.
8. Monitoring Cell, Ministry of Environment, Forest and Climate Change, Indira Paryavaran Bhawan, Jor Bagh Road, New Delhi.
9. District Collector, Jharsuguda, Odisha.
10. M/s. MSP Metallics Limited -for information
11. Guard File/Monitoring File/ Parivesh Portal /Record File.

**Additional EC Conditions**

1. This EC Transfer is granted subject to final outcome of Hon'ble Supreme Court of India, Hon'ble High Court, Hon'ble NGT and any other Court of Law, if any, as may be applicable to this project.
2. This EC Transfer granted to the project/ activity is strictly under the provisions of the EIA Notification, 2006 and its amendments issued from time to time. It does not tantamount/ construe to approvals/ consent/ permissions etc., required to be obtained or standards/conditions to be followed under any other Acts/Rules/Subordinate legislations, etc., as may be applicable to the project.



## Annexure I

facilities as per EC and its implementation status

S No	Facilities/ Activities	Unit Configuration In EC dated 13/07/2009	Implementation status as per CTO
1	DRI kiln	(4x100) +(4x175) + (4x550) Rotary Kilns Total capacity 10,50,000 TPA	8x100 TPD, Implemented capacity 2,40,000 TPA
2	Mini Blast Furnace	(1x215 m <sup>3</sup> ) +(1x300 m <sup>3</sup> )+(2x380 m <sup>3</sup> ) Total capacity 10,60,000	1x215 m <sup>3</sup> , Implemented capacity 1,88,000 TPA
3	Captive Power plant WHRB+CFBC	(4x2.5+25+50) 85 MW	8 MW WHRB +16 MW AFBC Implemented capacity 24 MW
4	Steel Melting shop	IF ((1x15 MT) + (2x60 MT))+SAF with LD (3x18MT+1x20MT) Total capacity 10,50,000 TPA	IF (2 x 30 T) Implemented capacity 1,07,700 TPA
5	Coal washery	(7,00,000+8,00,000) Total capacity15,00,000	Implemented capacity 7,00,000 TPA
6	Sinter Plant	4,60,000 TPA	Implemented capacity 4,60,000 TPA
7	Pellet Plant	6,00,000 TPA	Implemented capacity 6,00,000 TPA
8	Coke oven battery (Non-recovery type)	6,00,000 TPA 5x0.12 MT)	Implemented capacity 2,40,000 TPA



F. No. J-11011/494/2007- IA II (I)  
**Government of India**  
**Ministry of Environment and Forests**  
**(I.A. Division)**

Paryavaran Bhawan  
 CGO Complex, Lodhi Road  
 New Delhi - 110 003

E-mail : [pb.rastogi@nic.in](mailto:pb.rastogi@nic.in)  
 Telefax : 011: 2436 7668

Dated 13<sup>th</sup> July, 2009

To, ✓  
 M/s MSP Metalics Ltd.  
 16/5, Block 'A', New Alipore  
 Kolkata - 700 053  
 West Bengal

E-mail : [contactus@mbspsteel.com](mailto:contactus@mbspsteel.com) / [mbspgroup@vsnl.com](mailto:mbspgroup@vsnl.com) ; Fax No. : 033-24582239 ;

**Subject :** Expansion of Integrated Steel Plant (Sponge Iron (10,50,000 TPA); Pig Iron (10,60,000 TPA), Pellet Plant (6,00,000 TPA); Steel Melting Shop (10,50,000 TPA); Captive Power Plant (85 MW), Coal Washery (15,00,000 TPA) and Coke Oven Battery (6,00,000 TPA) at Village Marakuta, District Jharsuguda, Orissa by M/s MSP Metalics Ltd. - Environment clearance reg.

**Ref. :** Your letter no. nil dated 18<sup>th</sup> May, 2009.

Sir,

This has reference to your letter no. nil dated 18<sup>th</sup> May, 2009 alongwith Application in Form I, Pre-feasibility Report and draft 'Terms of References', EIA/EMP alongwith Public Hearing/Public Consultation report as per the EIA Notification, 2006 and related project documents and subsequent clarifications furnished by you vide your letter dated 15<sup>th</sup> June, 2009 for environmental clearance on the above mentioned project.

2.0 The Ministry of Environment and Forests has examined the application. It is noted proposal is for the expansion of Integrated Steel Plant (Sponge Iron (10,50,000 TPA); Pig Iron (10,60,000 TPA), Pellet Plant (6,00,000 TPA); Steel Melting Shop (10,50,000 TPA); Captive Power Plant (85 MW), Coal Washery (15,00,000 TPA) and Coke Oven Battery (6,00,000 TPA) at Village Marakuta, District Jharsuguda, Orissa by M/s MSP Metalics Ltd. Sponge iron plant already exists and is commissioned in April, 2009 after getting 'Consent to Establish' & 'Consent to Operate' from Orissa Pollution Control Board. Total land requirement is 500 acres. 150 acre land is under possession, 100 acres under acquisition and have applied to the Govt. of Orissa for 250 acre land on 1<sup>st</sup> July, 2008. Total cost of the project is Rs. 1,500.00 Crores. Following are the details of existing and proposed facilities:

S. N.	Shops/Units	Annual capacity Phase-wise (MTPA)			Total Capacity (MTPA)
		Phase-I (Existing)	Phase-II	Phase-III	
1	DRI kiln	1,20,000 (4x100 TPD)	2,64,000 (4x175 TPD)	6,64,000 (4x550 TPD)	10,50,000
2	Mini Blast Furnace	1,88,000 (1x215 m <sup>3</sup> )	2,50,000 (1x300 m <sup>3</sup> )	6,22,000 (2x380 m <sup>3</sup> )	10,60,000



3	Captive Power Plant WHRB	--	10 MW (4x2.5 MW)	50 MW (4x2.5 MW+4x10 MW)	85 MW
	CFBC	--	25 MW (1x100 TPH)	--	
4	Steel Melting shop				10,50,000
	Induction Furnace (Ph. I)	48,000 (1x15 MT)	--	--	
	Induction Furnace (Ph. II)	--	2,15,400 (2x60 MT)	--	
	Arc Furnace with LD Converter (Ph-III)	--	--	7,86,600 (3x18 MT+1x20 MT)	
5	Coal washery	--	7,00,000	8,00,000	15,00,000
6	Sinter Plant	--	4,60,000 (40 sq. mt)	--	4,60,000
7	Pellet Plant	--	6,00,000	--	6,00,000
8	Coke oven battery (Non-recovery type)	--	--	6,00,000 (5 modulesx0.12 MT)	6,00,000

3.0 The steel manufacturing process will be via Direct Reduction (DR)– Mini Blast Furnace – Induction Furnace – Continuous Casting Machine (CCM) route alongwith iron ore pelletisation plant, coke oven plant and coal washery.

4.0 Electrostatic precipitator (ESP), gas cleaning plant, bag filters, cyclones, fume extraction system, dust extraction system, dust suppression system will be provided to control gaseous and fugitive emissions. Total water requirement from IB River will be 10,271 m<sup>3</sup>/day. Ground water will also be used as per the clearance granted by the Central Ground Water Authority (CGWA) vide letter no. 21-4 (51)/SER/CGWA/07-262 dated 7<sup>th</sup> May, 2007. No effluent will be generated due to use of closed circuit cooling system. Cooling tower blow down, treated acidic and alkaline effluents from Chemical Water Treatment Plant, water from ash dyke etc. will be recycled / reused for ash handling, dust suppression and green belt development. 'Zero' discharge will be adopted and no effluent will be discharged outside the plant boundary. BF slag will be sold to cement plants. Char will be used in FBC boiler. ESP dust, bag filter dust, kiln accretions, wet scrapper dust, slag from IF, EAF and LRF will be used in environment-friendly manner. The coal char, coal fines and middling from the coal washery will be used in Fluidized Bed Boiler for generation of power. Fly Ash and BF slag after granulation will be used for brick/cement manufacturing.

5.0 Public Hearing / Public Consultation meeting was held on 7<sup>th</sup> November, 2008. 'Consent to Establish' and 'Consent to Operate' for the existing plant DRI kiln (4x100 TPD, 1,20,000 TPA) and Mini Blast Furnace (1x215 m<sup>3</sup>, 1,88,000 TPA) is accorded by the Orissa Pollution Control Board.

6.0. The Ministry of Environment and Forests hereby accords environmental clearance to the above project under the provisions of EIA Notification dated 14<sup>th</sup> September, 2006 subject to compliance of the following specific and general conditions:

**A. SPECIFIC CONDITIONS :**

- i) Efforts shall be made to reduce RSPM levels in the ambient air and a time bound action plan shall be submitted. On-line ambient air quality monitoring and continuous stack monitoring facilities for all the stacks and sufficient air pollution control devices



shall be provided to keep the emission levels below  $100 \text{ mg/Nm}^3$ . 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 exceeds the limit.

- ii) Hot gases from DRI kiln shall be passed through Dust Settling Chamber (DSC) to remove coarse solids and After Burning Chamber (ABC) to burn CO completely and used in waste heat recovery boiler (WHRB). The gas then shall be cleaned in ESP before leaving out into the atmosphere through ID fan and stack. Electrostatic precipitator (ESP) shall be provided to DRI plant, WHRB and FBB boilers to control air emissions within  $100 \text{ mg/Nm}^3$ .
- iii) Gas cleaning plant comprising of bag filters and cyclones shall be provided to blast furnace. (BF). Fume extraction system with bag filters shall be provided to induction furnace and ladle refining furnace to control fugitive emissions. Dust extraction system alongwith ESP and multi-cyclones shall be provided to pellet plant. ESP and bag filters shall be provided to sinter plant. Fume extraction system followed by a stack shall be provided to continuous casting machine. Bag filters and dust suppression system shall be provided at coal crushing and handling areas.
- iv) In-plant control measures for checking fugitive emissions from all the vulnerable sources shall be provided. Fugitive dust emission from raw material and product handling section shall be controlled by dust extraction systems with bag filters or by water sprinkling. Dust extraction system with bag filters shall be provided at all the material transfer points. Dust suppression system with water sprinklers shall be provided at raw material stock piles and loading/unloading points. Fume extraction system followed by a stack shall be provided to continuous casting machine. Dust extraction system shall be provided at cooling discharge house, product separation unit. Water sprinkling system and dust extraction system shall be provided at raw material sizing and handling areas. All conveyors shall be completely covered by GI sheets. Bag filters and dust suppression system shall be provided at coal crushing and handling areas.
- v) All the standards prescribed for the coke oven plants shall be followed as per the latest guidelines. Proper and full utilization of coke oven gases in power plant using waste heat recovery steam generators shall be ensured and no flue gases shall be discharged into the air.
- vi) Gaseous emission levels including secondary fugitive emissions from blast furnace and sinter plant shall be controlled within the latest permissible limits issued by the Ministry and regularly monitored. Guidelines / Code of Practice issued by the CPCB shall be followed. The emission standards issued by the Ministry in May, 2008 for the sponge plants shall be followed.
- vii) Vehicular pollution due to transportation of raw material and finished product shall be controlled. Proper arrangements should also be made to control dust emissions during loading and unloading of the raw material and finished product.
- viii) As proposed, total water requirement from IB River shall not exceed  $10,271 \text{ m}^3/\text{day}$ . Ground water requirement shall not exceed the limit permitted by the CGWA vide letter no. 21-4 (51)/SER/CGWA/07-262 dated 7<sup>th</sup> May, 2007. Closed-circuit re-circulation system shall be installed to reduce fresh water consumption and no wastewater generation. Water from ash dyke shall be decanted and collected in the



- reservoir and recirculated / reused for ash handling and coal dust suppression in coal yard. Acidic and alkaline effluent from DM water plant shall be neutralized and reused in the plant. Cooling tower blow down shall be reused for dust suppression. BF-GCP and coal washery water shall be treated in thickener and reused in the process. Oil and grease shall be removed from wastewater by means of oil traps and skimming devices. All the wastewater from process and domestic sources shall be treated and recycled and reused in the process or for dust suppression, green belt development and various other activities at the site. No wastewater shall be discharged outside the premises and 'zero' effluent discharge shall be ensured. Domestic effluent will be treated in septic tank followed by soak pit and used for green belt development.
- ix) Prior permission for the drawl of 10,271 m<sup>3</sup>/day water from IB River from the concerned department shall be obtained.
  - x) The water consumption should not exceed 16 m<sup>3</sup>/Ton of Steel as per prescribed standard.
  - xi) Ground water monitoring around the solid waste disposal site / secured landfill (SLF) shall be carried out regularly and report submitted to the Ministry's Regional Office at Bhubaneswar, CPCB and OPCB.
  - xii) DRI & iron ore fines, coke breeze, sinter dust, GCP dust, SMS dust, shall be used in sinter plant. All the other solid wastes including broken refractory mass shall be properly disposed off in environment-friendly manner. Sludge from sewage treatment plant (STP) shall be used as compost. Oily waste shall be provided to authorized recyclers/reprocessors.
  - xiii) AFBC plant shall be installed in Phase II before installation of sponge iron plant during expansion so that utilization of char in the from the existing as well as proposed sponge iron plant in AFBC boiler is ensured. All the char from DRI plant, coal fines, middlings and rejects from the coal washery shall be utilized in AFBC boiler of power plant and no char shall be disposed off anywhere else. All the blast furnace (BF) slag shall be granulated and provided to cement manufacturers for further utilization. Dust from ESP, bag filter, wet scrapper, kiln accretions, slag from IF, EAF, LRF and SMS shall be properly utilized or disposed off in environment-friendly manner.
  - xiv) All the slag shall be used for road making or filling low lying area only after passing through Toxic Chemical Leachability Potential (TCLP) test. Otherwise, slag and output waste shall be disposed in secured landfill as per CPCB guidelines.
  - xv) Proper handling, storage, utilization and disposal of all the solid waste shall be ensured and regular report regarding toxic metal content in the waste material and its composition, end use of solid/hazardous waste shall be submitted to the Ministry's Regional Office at Bhubaneswar, CPCB and OPCB.
  - xvi) A time bound action plan shall be submitted to reduce solid waste, its proper utilization and disposal.
  - xvii) Proper utilization of fly ash shall be ensured as per Fly Ash Notification, 1999 and subsequent amendment in 2003. All the fly ash shall be provided to cement and brick



manufacturers for further utilization and 'Memorandum of Understanding' shall be submitted to the Ministry's Regional Office at Bhubaneswar.

- xviii) As proposed, green belt shall be developed in 165 acres (33 %) out of total 500 acres land in and around the plant as per the CPCB guidelines in consultation with DFO.
- xix) All the recommendations made in the Charter on Corporate Responsibility for Environment Protection (CREP) for the Steel Sector shall be implemented.
- xx) All the commitments made to the public during the Public Hearing / Public Consultation meeting held on 7<sup>th</sup> November, 2008 shall be satisfactorily implemented.
- xxi) The company shall provide housing for construction labour within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, mobile STP, safe drinking water, medical health care, crèche etc. The housing may be in the form of temporary structures to be removed after the completion of the project.

#### B. GENERAL CONDITIONS:

- i. The project authorities must strictly adhere to the stipulations made by the Orissa Pollution Control Board (OPCB) and the State Government.
- ii. No further expansion or modifications in the plant shall be carried out without prior approval of the Ministry of Environment and Forests.
- iii. The gaseous emissions from various process units shall conform to the load/mass based standards notified by this Ministry on 19<sup>th</sup> May, 1993 and standards prescribed from time to time. The Orissa Pollution Control Board (OPCB) may specify more stringent standards for the relevant parameters keeping in view the nature of the industry and its size and location.
- iv. At least four ambient air quality monitoring stations shall be established in the downward direction as well as where maximum ground level concentration of SPM, SO<sub>2</sub> and NO<sub>x</sub> are anticipated in consultation with the OPCB. Data on ambient air quality and stack emission shall be regularly submitted to this Ministry including its Regional Office at Bhubaneswar and OPCB, CPCB once in six months.
- v. In-plant control measures for checking fugitive emissions from all the vulnerable sources shall be provided. Further, specific measures like water sprinkling around the coal stockpiles and asphaltting or concreting of the roads shall be done to control fugitive emissions.
- vi. Industrial wastewater shall be properly collected, treated so as to conform to the standards prescribed under GSR 422 (E) dated 19<sup>th</sup> May, 1993 and 31<sup>st</sup> December, 1993 or as amended from time to time. The treated wastewater shall be utilized for plantation purpose.
- vii. The overall noise levels in and around the plant area shall be kept well within the standards (85 dBA) by providing noise control measures including acoustic hoods, silencers, enclosures etc. on all sources of noise generation. The ambient noise



- levels shall conform to the standards prescribed under EPA Rules, 1989 viz. 75 dBA (day time) and 70 dBA (night time).
- viii. Occupational health surveillance of the workers shall be done on a regular basis and records maintained as per the Factories Act.
  - ix. The company shall develop rain water harvesting structures to harvest the rain water for utilization in the lean season besides recharging the ground water table.
  - x. The project proponent shall also comply with all the environmental protection measures and safeguards recommended in the EIA / EMP report. Further, the company must undertake socio-economic development activities in the surrounding villages like community development programmes, educational programmes, drinking water supply and health care etc. Suggestions made during the public hearing shall be implemented.
  - xi. As proposed, Rs. 12.89 Crores and Rs. 0.14 Crores shall be earmarked towards total capital cost and recurring cost/annum for environmental pollution control measures shall be judiciously utilized to implement the conditions stipulated by the Ministry of Environment and Forests as well as the State Government. The funds so provided shall not be diverted for any other purpose.
  - xii. The Regional Office of this Ministry at Bhubaneswar / CPCB / OPCB shall monitor the stipulated conditions. A six monthly compliance report and the monitored data alongwith statistical interpretation shall be submitted to them regularly.
  - xiii. The Project Proponent shall inform the public that the project has been accorded environmental clearance by the Ministry and copies of the clearance letter are available with the OPCB and may also be seen at Website of the Ministry of Environment and Forests at <http://envfor.nic.in>. This shall be advertised within seven days from the date of issue of the clearance letter, at least in two local newspapers that are widely circulated in the region of which one shall be in the vernacular language of the locality concerned and a copy of the same shall be forwarded to the Regional office at Bhubaneswar.
  - xiv. Project authorities shall inform the Regional Office as well as the Ministry, the date of financial closure and final approval of the project by the concerned authorities and the date of commencing the land development work.
  - xv. A copy of clearance letter shall be sent by the proponent to concerned Panchayat, Zila Parishad / Municipal Corporation, Urban Local Body and the local NGO, if any, from whom suggestions / representations, if any, were received while processing the proposal. The clearance letter shall also be put on the web site of the company by the proponent.
  - xvi. The project proponent shall upload the status of compliance of the stipulated environment clearance conditions, including results of monitored data on their website and shall update the same periodically. It shall simultaneously be sent to the Regional Office of the MOEF, the respective Zonal Office of CPCB and the SPCB. The criteria pollutant levels namely; SPM, RSPM, SO<sub>2</sub>, NO<sub>x</sub> (ambient levels as well as stack emissions) or critical sectoral parameters, indicated for the projects shall be monitored and displayed at a convenient location near the main gate of the company in the public domain.




- xvii. The project proponent shall also submit six monthly reports on the status of the compliance of the stipulated environmental conditions including results of monitored data (both in hard copies as well as by e-mail) to the respective Regional Office of MOEF, the respective Zonal Office of CPCB and the SPCB.
- xviii. The environmental statement for each financial year ending 31<sup>st</sup> March in Form-V as is mandated to be submitted by the project proponent to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently, shall also be put on the website of the company alongwith the status of compliance of environmental conditions and shall also be sent to the respective Regional Offices of the MOEF by e-mail.

7.0 The Ministry may revoke or suspend the clearance, if implementation of any of the above conditions is not satisfactory.

8.0 The Ministry reserves the right to stipulate additional conditions if found necessary. The Company in a time bound manner shall implement these conditions.


9.0 Any appeal against this environmental clearance shall lie with the National Environment Appellate Authority, if preferred within a period of 30 days as prescribed under Section 11 of the National Environment Appellate Act, 1997.

10.0 The above conditions shall be enforced, inter-alia under the provisions of the Water (Prevention & Control of Pollution) Act, 1974, the Air (Prevention & Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986, Hazardous Wastes (Management and Handling) Rules, 2003 and the Public (Insurance) Liability Act, 1991 along with their amendments and rules.

  
(Dr. P. B. Rastogi)  
Director

Copy to :

1. The Secretary, Department of Environment, Govt. of Orissa, Bhubaneswar, Orissa.
2. Chairman, Central Pollution Control Board, Parivesh Bhavan, CBD-cum-Office Complex, East Arjun Nagar, New Delhi - 110 032.
3. Chairman, Orissa Pollution Control Board, Parivesh Bhavan, A/118, Nikanthhanagar, Unit-8, Bhubaneswar - 751 012, Orissa.
4. The Chief Conservator of Forests (Eastern), Regional Office (EZ), A/3, Chandrasekharapur, Bhubaneswar - 751 023, Orissa.
5. Adviser (IA-II), Ministry of Environment and Forests, Paryavaran Bhavan, CGO Complex, New Delhi.
6. Monitoring Cell, Ministry of Environment and Forests, Paryavaran Bhavan, CGO Complex, New Delhi.
7. Monitoring Cell
8. Guard File.
9. Record File.

  
(Dr. P. B. Rastogi)  
Director

13/7/09