

F. No. J-11011/281/2006-IA.II (I)
Government of India
Ministry of Environment, Forest and Climate Change
(Impact Assessment Division)

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Dated: 7th July, 2017

To

**M/s JSW Steel Ltd.,
Mecheri, Taluk Mettur,
District Salem, Tamil Nadu - 636453
e-mail: d.ravichandar@jsw.in**

Subject: Expansion of Integrated Steel Plant (1.0 MTPA to 1.3 MTPA) of M/s JSW Steel Ltd., located at Mecheri, Taluk Mettur, District Salem, Tamil Nadu – Environmental Clearance under EIA Notification, 2006 Regarding.

Sir,

This has reference to your online application vide proposal no. IA/TN/IND/26508/2015, dated 28th October 2016 along with copies of EIA/EMP report seeking environmental clearance under the provisions of the EIA Notification, 2006 for the project mentioned above. The proposed project activity is listed at Sl. No. 3 (a) metallurgical (Ferrous and Non-Ferrous) under Category "A" under the provisions of EIA Notification 2006.

2.0 The proposed expansion of 1.0 to 1.3 MTPA Special Alloy Steel of M/s JSW Salem Works was initially received in the Ministry 16.01.2015 for obtaining Terms of Reference (ToR) as per EIA Notification, 2006. The project was appraised by the Expert Appraisal Committee (Industry-I) [EAC(I)] during its meeting held on 11.02.2015 and prescribed ToRs to the project for undertaking detailed EIA study for obtaining environmental clearance. Accordingly, the Ministry had prescribed ToRs to the project on 12.06.2015 vide letter No. J-11011/281/2006-IA.II(I). Based on the ToRs prescribed to the project, the project proponent applied for environmental clearance to the Ministry online on 28.10.2016. The proposal was placed in the 15th meeting of Appraisal Committee (Industry-I) [EAC(I)] held during 2nd – 3rd February 2017. The committee sought additional information and the PP submitted reply on 28.03.2017.

3.0 M/s. JSW Salem Works operating 1.0 MTPA Integrated Steel Plant located at M. Kallipatti and Pottaneri Village, Mettur Tehsil, Salem District, Tamil Nadu for which environmental clearance was granted vide Lr. No. J-11011/281/2006-IA.II(I) dated 02.01.2007. Certified compliance status of existing plant was obtained vide Lr. No. EP/12.1/2016-17/20/TN/0162, dated 31.01.2017.

4.0 Now, it is proposed to expand the capacity from 1.0 MTPA to 1.3 MTPA. The details of existing and the proposed capacities are given below:

Sl. No.	Manufacturing Facilities	Existing Capacity	Proposed Expansion	Total Capacity after Expansion
1	Coke Oven Plant – 1 (Non-Recovery type)	0.5	-	0.5
2	Sinter plant – 1 (20 m ²)	0.175	-	0
3	Sinter plant – 2 (90 m ²)	1.06	-	1.06
4	Sinter plant – 3 (90 m ²)	-	1.06	1.06
5	Blast Furnace – 1 (402 to 650 m ³)	0.367	0.316	0.683
6	Blast Furnace – 2 (550 to 650 m ³)	0.578	0.105	0.683
7	Energy Optimizing Furnace - 1 (45 to 65 T)	0.41	0.23	0.64
8	Energy Optimising Furnace-2 (45 T)	0.62	-	0.62
9	Ladle Furnace – 1 (45 to 65 T)	45 T/heat	20 T/heat	65 T/heat
10	Ladle Furnace – 2 (65 T)	65 T/heat	-	65 T/heat
11	Ladle Furnace – 3 (65 T)	65 T/heat	-	65 T/heat
12	Ladle Furnace – 4 (65 T)	65 T/heat	-	65 T/heat
13	Continuous Casting Machine - 1	0.35	-	0.35
14	Continuous Casting Machine - 2	0.5	-	0.5
15	Continuous Casting Machine - 3	-	0.45	0.45
16	Bar & Rod Mill augmentation	0.4	0.08	0.48
17	Blooming Mill augmentation	0.36	0.12	0.48
18	Pickling and Annealing steel unit	-	0.06	0.06
19	Peeled and ground	-	0.04	0.04
20	Air separation plant – 1 (150 T/day)	150 T/day	-	150 T/day
21	Air separation plant – 2 (390 T/day)	390 T/day	-	390 T/day
22	Air separation plant – 3 (250 T/day)	-	250 T/day	250 T/day
23	Captive power plant – 1	7 MW	-	7 MW
24	Captive power plant – 2	2 X 30 MW	-	2 X 30 MW
25	Captive power plant – 3	-	30 MW	30 MW

5.0 The total available plant site is 237.28 ha and township is 30.80 ha. The land required for the proposed expansion project is 11.74 ha, out of total plant site and township area, scrub land is 37.89 ha, vegetation area is 47.83 ha, open scrub is 27.19, built-up area is 69.27 ha, water bodies like rainwater harvesting pond, guard pond etc is 5.34 ha, open land is 62.50 ha, stock yard is 3.82 ha, roads 9.57 ha and rocky terrain 4.711 ha. No forest land is involved. The entire land has been already acquired for the project. No river/stream passes through the project area. It has been reported that no water body exist around the project and no modification/diversion in the existing natural drainage pattern at any stage has not been proposed.

6.0 The topography of the area is slightly undulating and reported to lie between 11° 48' 16" to 11° 49' 2" N latitude and 77° 0' 54" to 77° 55' 43" E longitude in Survey of India topo sheet No. 58 E/13, 58 E/14, 58 I/1 and 58 I/2, at an elevation of 339 to 368 m AMSL. The ground water table is reported to range between 1.0 to 31.23 m below the land surface during March to May 2015. Based on hydro-geological studies, it has been reported that the radius of influence of pumped out water will be 60 m. Further, the stage of groundwater development is reported to be 0% and 100% in core and buffer zone respectively and thereby these are designated as critically exploited areas.

7.0 No national park/wildlife sanctuary/biosphere reserve/tiger reserve/elephant reserve etc. are reported in the core and buffer zone of the project. The area also does not report to form corridor for Schedule-I fauna.

8.0 The raw material requirement for the project are listed below:

Sl. No.	Raw material	Present Quantity (MTPA)	Post Exp. Quantity(MTPA)	Source
1	Iron ore fines	0.845	1.47	Indigenous/Imported
2	Iron ore pellets	NA	0.5	Indigenous source
3	Lump ore	0.806	0.705	Indigenous/Imported
4	Coking coal	0.585	0.585	Imported
5	Non-coking coal for COP	0.147	0.147	Imported
6	Non-coking coal for PCI	0.147	0.215	Imported
7	Power plant coal	0.172	0.172	Indigenous/Imported
8	Coke breeze for SP	0.023	0.023	In house
9	Limestone	0.08	0.135	Imported/indigenous
10	Dolomite	0.091	0.147	Indigenous
11	Quartzite	0.030	0.039	Indigenous
12	Dunite	0.030	0.039	Indigenous
13	Lime powder	0.0585	0.0945	Imported/indigenous
14	Mill scale	0.097	0.158	Indigenous
15	Purchase coke	0	0.156	Imported
16	Anthracite	0.039	0.095	Imported

9.0 The proposed expansion of 0.3 MTPA Integrated Steel Plant (ISP) has been contemplated to adopt conventional BF (Blast Furnace) - EOF (Energy Optimizing Furnace) - CC (Continuous Casting) and RM (Rolling Mill) route. In expansion, additional 1 X 30 MW using the WHR boilers of COP and BF gas is planned.

10.0 The targeted production capacity of the proposed expansion is 1.3 MTPA. The ore for the plant would be procured from imported. The ore transportation will be done through rail.

11.0 An agreement exists between PWD and JSW to utilize 5 MGD of raw water from downstream of river Cauvery. The present requirement is about 3.17 MGD of raw water, which is met from the intake well located at downstream of Mettur dam which meets the 1 MTPA capacity of steel plant and captive power plant of 67 MW. Total fresh water requirement after expansion will be to the tune of about 4.4 MGD.

12.0 The average power demand of the plant after expansion is estimated to be about 90 MW. It is expected that the power to the tune of 97 MW will be generated from the steel plant facilities after expansion. It is proposed to meet the entire energy requirement from the captive sources taking the support of state electricity grid for stability. Provision will be made to sell out the surplus power if any, through the grid.

13.0 Ambient air quality monitoring has been carried out at 8 locations during March to May 2015 and the data submitted indicated: PM₁₀ (23.28 µg/m³ to 76.0 µg/m³), PM_{2.5} (8.90 to 34.83 µg/m³), SO₂ (1.21 to 9.50 µg/m³) and NO_x (11.41 to 60.76 µg/m³). The results of the modelling study indicates that the maximum increase of GLC for the proposed expansion project is 83.0 µg/m³ with respect to the PM₁₀, 10.6 µg/m³ with respect to the SO₂, 20.5 µg/m³ with respect to the NO_x. There is no habitant in the core zone of the project. No R&R is involved.

14.0 Samples of ground (8) and surface (4) water samples were collected during monitoring season. The results indicate that most of parameters are within the prescribed norms of groundwater except for total hardness, calcium and TDS. The reason could be attributable to mixing of surface water. The area is encountered by hard rock overlined by sedimentary rock which may contain calcium and magnesium and leads to increase in hardness. Whereas, the surface water parameters are meeting the norms.

15.0 It has been reported that a total of 80 TPD of scrap waste will be generated due to the expansion project from CCM and rolling mill, and the entire waste will be dumped in the earmarked dump yard. It has been already developed that an area of 78.9 ha as green belt around the project site to attenuate the noise levels and trap the dust generated due to the project development activities.

16.0 The Public hearing for the project was held on 12.08.2016 for production of 1.0 to 1.3 million TPA of Special Alloy Steels, in the existing premises under the chairmanship of District Collector, Salem. The issues raised during the public hearing were employment to the local people; pollution due to the project; water scarcity; etc.

17.0 The capital cost of the project is Rs. 1025 Crores and the capital cost for environmental protection measures is proposed as Rs. 50.5 Crores. The annual recurring cost towards the environmental protection measures is proposed as Rs. 8.05 Crores. The project is scheduled to be completed in a period of 36 months.

18.0 The manpower working in existing project are 5041 including 4000 contractual employees. It has been planned to retain the existing man power for the proposed expansion programme. The company had spent Rs. 455.04 Lakhs for development of region as a part of CSR in last four financial years.

19.0 The proponent has mentioned that there is no court case to the project or related activity. There is no violation under EIA Notification, 2016.

20.0 The proposal was considered in the 15th meeting of Expert Appraisal Committee (Industry-I) [EAC(I)] held during 2nd – 3rd February 2017. Based on the presentation made and discussions held, the Committee desired additional information. The project proponent has submitted reply on 28.03.2017. The revised list of raw materials along with the source of the raw material given as follows:

Sl. No.	Raw material	Present Quantity (MTPA)	Post Exp. Quantity(MTPA)	Source
1	Iron ore fines	0.845	1.47	Jharkhand
2	Iron ore pellets	NA	0.5	Karnataka
3	Lump ore	0.806	0.705	Monitoring committee, Karnataka
4	Coking coal	0.585	0.585	Australia/Russia
5	Non-coking coal for COP	0.147	0.147	Australia/Russia
6	Non-coking coal for PCI	0.147	0.215	Australia/Russia
7	Power plant coal	0.172	0.172	Australia/Russia
8	Coke breeze for SP	0.023	0.023	In-house
9	Limestone	0.08	0.135	Oman
10	Dolomite	0.091	0.147	Tamil Nadu
11	Quartzite	0.030	0.039	Tamil Nadu, Andhra Pradesh
12	Dunite	0.030	0.039	South Africa
13	Lime powder	0.0585	0.0945	Malaysia
14	Mill scale	0.097	0.158	Tamil Nadu
15	Purchase coke	0	0.156	Tamil Nadu
16	Anthracite	0.039	0.095	Australia/Russia

21.0 It was informed that the iron ore lumps purchase through “Monitoring committee of Karnataka”, Auction No: 107 for a quantity of about 20000 MT. The iron ore fines quantity of about 150000 MT is being purchased from M/s. Rungta mines, Jharkhand.

22.0 The Effluent Treatment Plant (ETP) is designed for 920 m³/hr capacity with inlet suspended solids level of 2500 ppm and Outlet suspended solid level of 50 ppm.

23.0 The revised table on the cost component for environmental pollution control measures is given below:

Sl. No	Item	Capital Cost (Rs in Crores)	Recurring cost per annum (Rs in Crores)
1	Air Pollution Control	30	4
2	Water Pollution Control	1	0.2
3	Solid Waste Management	10	1
4	Noise Pollution Control	2	0.2
5	Occupational health	3	0.3
6	Environmental survey and sampling	5	0.5
	Total	51	6.2

24.0 The cost break up for the ESC component along with the time line to implement is given below:

Sl.No	Activity wise fund Allocation in Rs in Crores.		Commitment period (Year)					Total
	Description of activities	Numbers	I	II	III	IV	V	
1	Toilets	2000	0.5	0.75	0.75	0.5	0.5	3
2	Health centre	1	0.25	0.25	0.25	0.25		1
3	Community hall	2		0.5	0.5			1
4	Hospital	1	0.5	0.5	0.5	0.25	0.25	2
5	Modern school New with GYM and Play ground	1			1	0.5	0.5	2
6	Water shed program	1		0.25	0.25	0.25	0.25	1
7	Water body strengthening /Drinking water bore well drilling			0.25	0.25	0.25	0.25	1
8	Drainage		0.25	0.25	0.25	0.25		1
9	Government school improvement	1		0.25	0.25	0.25	0.25	1
10	Total		1.5	3	4	2.5	2	13

25.0 Based on the reply submitted the proposal was placed on 18th meeting of Expert Appraisal Committee (Industry-I) held during 3rd - 5th May 2017. After detailed deliberations, the committee recommended the project for Environmental Clearance with following stipulated Specific Conditions along with other environmental conditions while considering for accord of environmental clearance by the ministry.

26.0 The Ministry of Environment, Forest and Climate Change has considered the application based on the recommendations of the Expert Appraisal Committee (Industry-I) and hereby decided to grant environmental clearance for the proposed expansion of Integrated Steel Plant (1.0 MTPA to 1.3 MTPA) of M/s JSW Steel Ltd., located at Mecheri, Taluk Mettur, District Salem, Tamil Nadu under the provision of EIA Notification dated 14th September, 2006, as amended, subject to strict compliance of the following Specific and General conditions:

A. SPECIFIC CONDITION:

- The occupational health survey of the active workmen involved shall be carried as per the ILO guidelines and all the employees shall cover in every 5 years @ 20% every year.
- The amount allocated for ESC i.e. Rs. 13 Crores shall be provided as CAPEX and the ESC shall be treated as project and monitored annually and the report of same shall be submitted to Regional office of MoEF&CC.
- The project proponent shall provide for solar light system for all common areas, street lights, villages, parking around project area and maintain the same regularly.
- The project proponent shall provide for LED lights in their offices and residential areas.

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- v. The project proponent should install 24x7 air monitoring devices to monitor air emission and submit report to Ministry and its Regional Office.
 - vi. The ETP for Blast furnace effluent should be designed to meet Cyanide standards as notified by the MoEFCC.
 - vii. No effluent shall be discharged outside the plant premises and 'zero' discharge shall be adopted.
 - viii. The ETP for coke oven by-product should be designed to meet EPA notified standards especially the cyanide and phenol.
 - ix. Coke oven plant should meet visible emission standards notified by the MoEFCC.
 - x. The Standards issued by the Ministry vide G.S.R. 277(E) dated 31st March 2012 shall be strictly adhered to and the Standards prescribed for the Coke Oven plant shall be monitored and the report should be submitted along with the six-monthly compliance report
 - xi. The emission standards specified in the Environmental (Protection) Amendment Rules, 2015 issued by vide S.O. 3305 (E) dated 7th December 2015 for the Thermal Power Plant shall be strictly adhered to.
 - xii. The National Ambient Air Quality Emission Standards issued by the Ministry vide G.S.R. No. 826(E) dated 16th November 2009 shall be followed.
 - xiii. On-line ambient air quality monitoring and continuous stack monitoring facilities for all the stacks shall be provided and sufficient air pollution control devices viz. Electrostatic precipitator (ESP), and bag filters etc. shall be provided.
 - xiv. A statement on carbon budgeting including the quantum of equivalent CO₂ being emitted by the existing plant operations, the amount of carbon sequestered annually by the existing green belt and the proposed green belt and the quantum of equivalent CO₂ that will be emitted due to the proposed expansion shall be prepared by the project proponent and submitted to the Ministry and the Regional Office of the Ministry. This shall be prepared every year by the project proponent. The first such budget shall be prepared within a period of 6 months and subsequently it should be prepared every year.
 - xv. For the employees working in high temperature zones falling in the plant operation areas, the total shift duration would be 4 hrs or less per day where the temperature is more than 50°C. Moreover, the jobs of these employees will be alternated in such a way that no employee is subjected to working in high temperature area for more than 1 hr continuously. Such employees would be invariably provided with proper protective equipment, garments and gears such as head gear, clothing, gloves, eye protection etc. There should also be an arrangement for sufficient drinking water at site to prevent dehydration etc.
 - xvi. In-plant control measures and dust suppression system shall be provided to control fugitive emissions from all the vulnerable sources. Dust extraction and suppression system shall be provided at all the transfer points, coal handling plant and coke sorting plant of coke oven plant. Bag filters shall be provided to hoods and dust collectors to coal and coke handling to control dust emissions. Water sprinkling system shall be provided to control secondary fugitive dust emissions generated during screening, loading, unloading, handling and storage of raw materials etc.

- xvii. Gaseous emission levels including secondary fugitive emissions from all the sources shall be controlled within the latest permissible limits issued by the Ministry vide G.S.R. 414(E) dated 30th May, 2008 and regularly monitored. Guidelines / Code of Practice issued by the CPCB shall be followed.
- xviii. Hot gases from DRI Kiln should 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 dispersion out into the atmosphere through ID fan and stack. ESP shall be installed to control the particulate emission from WHRB.
- xix. Efforts shall further be made to use maximum water from the rain water harvesting sources. If needed, capacity of the reservoir shall be enhanced to meet the maximum water requirement.
- xx. Risk and Disaster Management Plan along with the mitigation measures shall be prepared and a copy submitted to the Ministry's Regional Office, SPCB and CPCB within 3 months of issue of environment clearance letter.
- xxi. All the blast furnace (BF) slag shall be granulated and provided to cement manufacturers for further utilization. Flue dust from sinter plant and SMS and sludge from BF shall be re-used in sinter plant. Coke breeze from coke oven plant shall be used in sinter and pellet plant. SMS Slag shall be given for metal recovery and properly utilized. All the other solid waste including broken refractory mass shall be properly disposed off in environment-friendly manner.
- xxii. Coal and coke fines shall be recycled and reused in the process. The breeze coke and dust from the air pollution control system shall be reused in sinter plant. The waste oil shall be properly disposed of as per the Hazardous and Other Waste (Management and Transboundary Movement) Rules, 2016.
- xxiii. Green belt shall be developed in 33 % of plant area. Selection of plant species shall be as per the CPCB guidelines in consultation with the DFO.
- xxiv. All the recommendations made in the Charter on Corporate Responsibility for Environment Protection (CREP) for the Steel Plants and Coke Oven Plants shall be implemented.
- xxv. At least 2.5% of the total cost of the project shall be earmarked towards the Enterprise Social Commitment based on Public Hearing issues, locals need and item-wise details along with time bound action plan shall be prepared and submitted to the Ministry's Regional Office. Implementation of such program shall be ensured by constituting a Committee comprising of the proponent, representatives of village Panchayat and District Administration. Action taken report in this regard shall be submitted to the Ministry's Regional Office.
- xxvi. The proponent shall prepare a detailed CSR Plan for every year for the next 5 years for the existing-cum-expansion project, which includes village-wise, sector-wise (Health, Education, Sanitation, Health, Skill Development and infrastructure requirements such as strengthening of village roads, avenue plantation, etc) activities in consultation with the local communities and administration. The CSR Plan will include the amount of 2% retain annual profits as provided for in Clause 135 of the Companies Act, 2013 which provides for 2% of the average net profits of previous 3 years towards CSR activities for life of the project. A separate budget head shall be created and the annual capital and

revenue expenditure on various activities of the Plan shall be submitted as part of the Compliance Report to RO. The details of the CSR Plan shall also be uploaded on the company website and shall also be provided in the Annual Report of the company. The plan so prepared shall be based on SMART (Specific, Measurable, Achievable, Relevant and Time bound) concept. The expenditure should be aimed at sustainable development and direct free distribution and temporary relief should not be included.

- xxvii. All the commitments made to the public during the Public Hearing / Public Consultation meeting shall be satisfactorily implemented and a separate budget for implementing the same shall be allocated and information submitted to the Ministry's Regional Office at Bhubaneswar.
- xxviii. Provision shall be made for the housing of 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 concerned State Pollution Control Board 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, Forests and Climate Change (MoEF&CC).
- iii. At least four ambient air quality monitoring stations should be established in the downward direction as well as where maximum ground level concentration of PM₁₀, PM_{2.5}, SO₂ and NO_x are anticipated in consultation with the SPCB. Data on ambient air quality and stack emission shall be regularly submitted to this Ministry including its Regional Office at Chennai and the SPCB/CPCB once in six months.
- 84 iv. Industrial wastewater shall be properly collected, treated so as to conform to the standards prescribed under GSR 422 (E) dated 19th May, 1993 and 31st December 1993 or as amended from time to time. The treated wastewater shall be utilized for plantation purpose.
- v. The overall noise levels in and around the plant area shall be kept well within the standards (85 dB(A)) by providing noise control measures including acoustic hoods, silencers, enclosures etc. on all sources of noise generation. The ambient noise levels should conform to the standards prescribed under EPA Rules, 1989 viz. 75 dB(A) during day time and 70 dB(A) during night time.
- vi. Occupational health surveillance of the workers shall be done on a regular basis and records maintained as per the Factories Act.
- vii. 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.
- viii. 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.
- ix. Requisite funds shall be earmarked towards capital cost and recurring cost/annum for environment pollution control measures to implement the conditions stipulated by the

Ministry of Environment, Forest and Climate Change (MoEF&CC) as well as the State Government. An implementation schedule for implementing all the conditions stipulated herein shall be submitted to the Regional Office of the Ministry at Chennai. The funds so provided shall not be diverted for any other purpose.

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- x. 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.
 - xi. 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&CC at Chennai. The respective Zonal Office of CPCB and the SPCB. The criteria pollutant levels namely; PM₁₀, SO₂, NO_x (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.
 - xii. 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 Regional Office of MoEF&CC, the respective Zonal Office of CPCB and the SPCB. The Regional Office of this Ministry at Chennai/ CPCB / SPCB shall monitor the stipulated conditions.
 - xiii. The environmental statement for each financial year ending 31st 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 along with the status of compliance of environmental conditions and shall also be sent to the respective Regional Office of the MoEF&CC at Chennai by e-mail.
 - xiv. 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 SPCB and may also be seen at Website of the Ministry of Environment, Forests and Climate Change (MoEF&CC) 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 should be forwarded to the Regional office at Bhubaneswar.
 - xv. 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.

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

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


29.0 The PP shall abide by all the commitments and recommendations made in the EIA/EMP report and also that during their presentation to the EAC. The commitment made by the project proponent to the issue raised during Public Hearing shall be implemented by the proponent.

30.0 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 and Other Wastes (Management and Transboundary Movement) Rules, 2016 and the Public Liability Insurance Act, 1991 along with their amendments and rules.

31.0 This EC supersedes the earlier EC granted vide letter Lr. No. J-11011/281/2006-IA.II(I) dated 02.01.2007 for the 1.0 MTPA capacity.


32.0 Any appeal against this EC shall lie with the National Green Tribunal, if preferred, within a period of 30 days as prescribed under Section 16 of the National Green Tribunal Act, 2010.

This issues with the approval of Competent Authority.


(Sharath Kumar Pallerla)
Scientist 'F'/Director

Copy to:-

- 8X
- 1). **The Secretary**, Department of Environment, Government of Tamil Nadu, Chennai.
 - 2). **The Secretary**, Department of Forests, Government of Tamilnadu, Chennai
 - 3). **The Additional Principal Chief Conservator of Forests**, Ministry of Environment, Forest and Climate Change, Regional Office (SEZ), 1st and 2nd Floor, Handloom Export Promotion Council, 34, Cathedral Garden Road, Nungambakkam, Chennai – 34
 - 4). **The Chairman**, Central Pollution Control Board, Parivesh Bhawan, CBD-cum-Office Complex, East Arjun Nagar, Delhi-110032.
 - 5). **The Chairman**, Tamil Nadu Pollution Control Board, 76, Mount Salai, Guindy, Chennai- 600 032, Tamil Nadu.
 - 6). **The Member Secretary**, Central Ground Water Authority, A2, W- 3 Curzon Road Barracks, K.G. Marg, New Delhi-110001.
 - 7). **The District Collector, Salem District**, State of Tamil Nadu.
 - 8). **Guard File / Record file / Monitoring file.**
 - 9). **MOEF&CC Website.**


(Sharath Kumar Pallerla)
Scientist 'F'/Director