



STATE LEVEL ENVIRONMENT IMPACT ASSESSMENT AUTHORITY

Environment department,
Room No. 217, 2nd floor,
Mantralaya, Annexe,
Mumbai- 400 032.
Date:February 20, 2020

To,
Manohar Lal Singhania
at Gut No. - 78(P) & Gut No. 79 , Village Lakhmapur,

Subject: Environment Clearance for Environmental Clearance for Industrial Project for Manufacturing Molten Steel, Ingots and Billets, 130000 MT/A

Sir,

This has reference to your communication on the above mentioned subject. The proposal was considered as per the EIA Notification - 2006, by the State Level Expert Appraisal Committee-I, Maharashtra in its 174th - Day-2 th meeting and recommend the project for prior environmental clearance to SEIAA. Information submitted by you has been considered by State Level Environment Impact Assessment Authority in its 188th meetings.


2. It is noted that the proposal is considered by SEAC-I under screening category 3(a) as per EIA Notification 2006.

Brief Information of the project submitted by you is as below :-

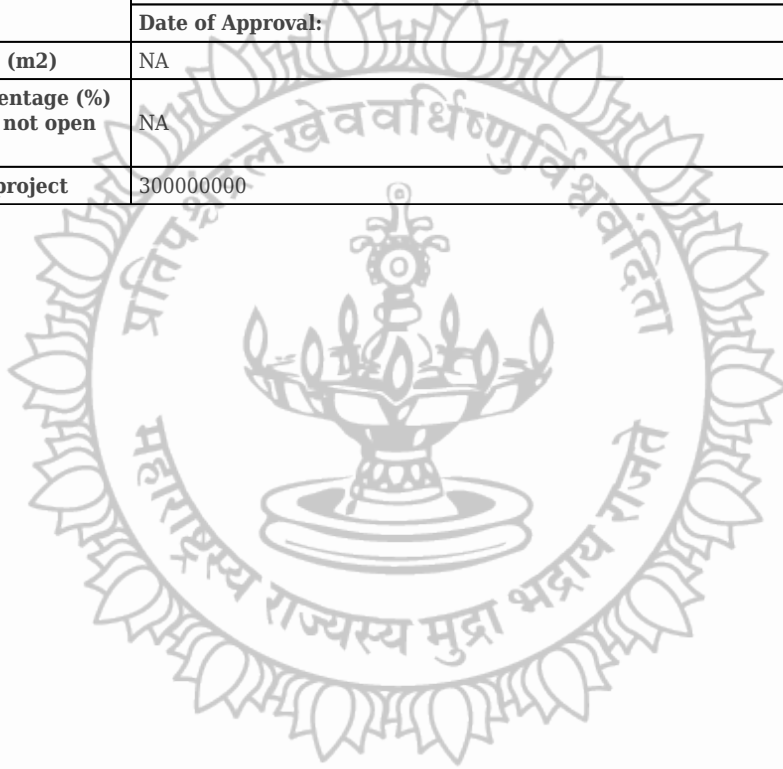
1.Name of Project	M/s Jaideep Metallics & Alloys Private Limited
2.Type of institution	Private
3.Name of Project Proponent	Manohar Lal Singhania
4.Name of Consultant	Creative Enviro Services
5.Type of project	Not applicable
6.New project/expansion in existing project/modernization/diversification in existing project	New
7.If expansion/diversification, whether environmental clearance has been obtained for existing project	NA
8.Location of the project	Gut No. - 78(P) & Gut No. 79 , Village Lakhmapur,
9.Taluka	Wada
10.Village	Lakhmapur
Correspondence Name:	Mr. Ajay Kumar Lalgaria, M/s Jaideep Metallics & Alloys Private Limited
Room Number:	108
Floor:	1st floor
Building Name:	Neha Industrial Estate , Behind CCI Ltd.
Road/Street Name:	Off. Dattapada Road
Locality:	Borivali (East)
City:	Mumbai
11.Whether in Corporation / Municipal / other area	Group Grampanchayat Jamghar-Lakhmapur
12.IOD/IOA/Concession/Plan Approval Number	NA IOD/IOA/Concession/Plan Approval Number: NA Approved Built-up Area: 1755.85

SEIAA Meeting No: 188 Meeting Date: February 11, 2020 (SEIAA-STATEMENT-000000944)
SEIAA-MINUTES-0000003038
SEIAA-EC-0000002125

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Shri. Anil Diggikar (Member Secretary SEIAA)

13.Note on the initiated work (If applicable)	Construction of factory shed has been started, as Consent for Establishment of the industry for production capacity 28500 MT/A has been obtained from MPCB.
14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)	NA
15.Total Plot Area (sq. m.)	6000 sqm
16.Deductions	2097.79 sqm
17.Net Plot area	3902.21 sqm
18 (a).Proposed Built-up Area (FSI & Non-FSI)	FSI area (sq. m.): NA
	Non FSI area (sq. m.): NA
	Total BUA area (sq. m.): 1755.85
18 (b).Approved Built up area as per DCR	Approved FSI area (sq. m.):
	Approved Non FSI area (sq. m.):
	Date of Approval:
19.Total ground coverage (m2)	NA
20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)	NA
21.Estimated cost of the project	300000000



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22. Production Details

Serial Number	Product	Existing (MT/M)	Proposed (MT/M)	Total (MT/M)
1	Molten Steel , Ingots , Billets	-	130000 MT/A	130000 MT/A

23. Total Water Requirement

Dry season:	Source of water	Ground water and from Private Tankers, RWH Pit		
	Fresh water (CMD):	80		
	Recycled water - Flushing (CMD):	5		
	Recycled water - Gardening (CMD):	6		
	Swimming pool make up (Cum):	NA		
	Total Water Requirement (CMD) :	120 CMD		
	Fire fighting - Underground water tank(CMD):	NA		
	Fire fighting - Overhead water tank(CMD):	10 CMD		
	Excess treated water	0		
Wet season:	Source of water	Ground water , RWH Pit		
	Fresh water (CMD):	80		
	Recycled water - Flushing (CMD):	5		
	Recycled water - Gardening (CMD):	0		
	Swimming pool make up (Cum):	NA		
	Total Water Requirement (CMD) :	114 CMD		
	Fire fighting - Underground water tank(CMD):	NA		
	Fire fighting - Overhead water tank(CMD):	10 CMD		
	Excess treated water	0		
Details of Swimming pool (If any)	NA			

24.Details of Total water consumed

Particulars	Consumption (CMD)			Loss (CMD)			Effluent (CMD)		
	Existing	Proposed	Total	Existing	Proposed	Total	Existing	Proposed	Total
Domestic	-	10	10	-	1.5	1.5	-	8.5	8.5
Industrial Process	-	24	24	-	6	6	-	18	18
Cooling tower & thermopack	-	80	80	-	-	80	-	0	0
Gardening	-	6	6	-	6	6	-	0	0

25.Rain Water Harvesting (RWH)	Level of the Ground water table:	200 Mtrs
	Size and no of RWH tank(s) and Quantity:	10m x 10mx 10m - 1 Nos.
	Location of the RWH tank(s):	Near Factory gate
	Quantity of recharge pits:	2 Nos.
	Size of recharge pits :	3m x 3m x 3m
	Budgetary allocation (Capital cost) :	200000/-
	Budgetary allocation (O & M cost) :	10000/-
	Details of UGT tanks if any :	NA

26.Storm water drainage	Natural water drainage pattern:	Strome water drains will be constructed as per level of plot.
	Quantity of storm water:	Will be elaborated in EIA report
	Size of SWD:	Will be elaborated in EIA report

27.Sewage and Waste water	Sewage generation in KLD:	8.5
	STP technology:	Extended aeration system
	Capacity of STP (CMD):	STP - 1 No., Capacity - 10 KLD
	Location & area of the STP:	Near HT Switch Yard, area - 20 sqm
	Budgetary allocation (Capital cost):	25.0 Lakhs
	Budgetary allocation (O & M cost):	3.0 Lakhs

28.Solid waste Management

Waste generation in the Pre Construction and Construction phase:	Waste generation:	Construction waste debris
	Disposal of the construction waste debris:	re used at site
Waste generation in the operation Phase:	Dry waste:	80 kd/day
	Wet waste:	50 kg/day
	Hazardous waste:	Used oil - 20 Lit/ M
	Biomedical waste (If applicable):	NA
	STP Sludge (Dry sludge):	2.0 kg/day
	Others if any:	Slag - 30 TPD
Mode of Disposal of waste:	Dry waste:	Handed over to Authorized vendors
	Wet waste:	making vermi compost
	Hazardous waste:	Authorized Recycler
	Biomedical waste (If applicable):	NA
	STP Sludge (Dry sludge):	Used as Manure
	Others if any:	Slag shall be used for road construction.
Area requirement:	Location(s):	Within Plant
	Area for the storage of waste & other material:	100 sqm
	Area for machinery:	NA
Budgetary allocation (Capital cost and O&M cost):	Capital cost:	15.0 Lakh
	O & M cost:	100000 Lakh

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Maharashtra

29.Effluent Charecterestics

Serial Number	Parameters	Unit	Inlet Effluent Charecterestics	Outlet Effluent Charecterestics	Effluent discharge standards (MPCB)
1	NA`	NA	NA	NA	NA
Amount of effluent generation (CMD):		NA			
Capacity of the ETP:		NA			
Amount of treated effluent recycled :		NA			
Amount of water send to the CETP:		NA			
Membership of CETP (if require):		NA			
Note on ETP technology to be used		NA			
Disposal of the ETP sludge		NA			



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30.Hazardous Waste Details							
Serial Number	Description	Cat	UOM	Existing	Proposed	Total	Method of Disposal
1	Used Oil	5.1	Liters	-	20	20	Authorized Recycler
31.Stacks emission Details							
Serial Number	Section & units	Fuel Used with Quantity	Stack No.	Height from ground level (m)	Internal diameter (m)	Temp. of Exhaust Gases	
1	Induction Furnace	Electricity	1	30	1.6	92 degree Centigrade	
32.Details of Fuel to be used							
Serial Number	Type of Fuel	Existing	Proposed	Total			
1	Electricity	-	14000 KVA	14000 KVA			
33.Source of Fuel		MSEDCL					
34.Mode of Transportation of fuel to site		by HT line					
35.Energy							
Power requirement:	Source of power supply :	MSEDCL					
	During Construction Phase: (Demand Load)	150 KVA					
	DG set as Power back-up during construction phase	NA					
	During Operation phase (Connected load):	14000 KVA					
	During Operation phase (Demand load):	15000 KVA					
	Transformer:	Yes					
	DG set as Power back-up during operation phase:	1 Nos. x 500 KVA					
	Fuel used:	Diesel					
	Details of high tension line passing through the plot if any:	NA					
Energy saving by non-conventional method:							
NA							
36.Detail calculations & % of saving:							
Serial Number	Energy Conservation Measures				Saving %		
1	NA				NA		
37.Details of pollution control Systems							

Source	Existing pollution control system	Proposed to be installed
Induction Furnace	-	Fume Extraction System, Bag Filter & Stack

Budgetary allocation (Capital cost and O&M cost):	Capital cost:	NA
	O & M cost:	NA

38.Environmental Management plan Budgetary Allocation

a) Construction phase (with Break-up):

Serial Number	Attributes	Parameter	Total Cost per annum (Rs. In Lacs)
1	Air Pollution	PM	Rs. 1.0 Lakh

b) Operation Phase (with Break-up):

Serial Number	Component	Description	Capital cost Rs. In Lacs	Operational and Maintenance cost (Rs. in Lacs/yr)
1	Air Pollution Control	FES, Bag filter	100.0	3.0
2	Water Pollution Control	STP	25.0	3.0
3	Solid Waste Management	Handling and disposal	15.0	1.0
4	Green Belt	Plantation	2.0	0.5
5	Environmental Monitoring	Air Quality, Stack Monitoring, Waste water quality , Noise level , soil quality	-	3.0

39.Storage of chemicals (inflammable/explosive/hazardous/toxic substances)

Description	Status	Location	Storage Capacity in MT	Maximum Quantity of Storage at any point of time in MT	Consumption / Month in MT	Source of Supply	Means of transportation
NA	NA	NA	NA	NA	NA	NA	NA

40.Any Other Information

No Information Available

	CRZ/ RRZ clearance obtain, if any:	NA
	Distance from Protected Areas / Critically Polluted areas / Eco-sensitive areas/ inter-State boundaries	NA
	Category as per schedule of EIA Notification sheet	3(a)
	Court cases pending if any	No
	Other Relevant Informations	The unit has obtained Consent to establish from MPCB for production capacity of 28500 MT/A, and construction work for installation of one induction furnace is under process. Here we are submitting the application for approval of TOR for production capacity of 130000 MT/A to produce Molter Steel , Ingots & Billets. The cost of the project for would be Rs. 30.0 Crores.
	Have you previously submitted Application online on MOEF Website.	No
	Date of online submission	

3. The proposal has been considered by SEIAA in its 188th meeting & decided to accord environmental clearance to the said project under the provisions of Environment Impact Assessment Notification, 2006 subject to implementation of the following terms and conditions:

Specific Conditions:

I	PP to explore possibility to store scrap and waste slag on other plot so as to create more space for existing activities.
II	PP to implement CER plan in consultation with the District Authority as per OM issued by MoEF&CC dated 01.05.2018.
III	PP to monitor carbon and water foot print on yearly basis and include targets in the Management Plan.
IV	PP to provide new and renewable energy for illumination of office building , street lights and parking area.
V	PP to ensure that CER plan gets approved from Municipal Commissioner/District Collector.
VI	PP to ensure to comply with the conditions stipulated in the Office Memorandum issued by MoEF& CC dated 9th August, 2018.

General Conditions:

I	(i)PP to achieve Zero Liquid Discharge ; PP shall ensure that there is no increase in the effluent load to CETP.
II	No additional land shall be used /acquired for any activity of the project without obtaining proper permission.
III	PP to take utmost precaution for the health and safety of the people working in the unit as also for protecting the environment.
IV	Proper Housekeeping programmers shall be implemented.
V	In the event of the failure of any pollution control system adopted by the unit, the unit shall be immediately put out of operation and shall not be restarted until the desired efficiency has been achieve.
VI	A stack of adequate height based on DG set capacity shall be provided for control and dispersion of pollutant from DG set. (If applicable).
VII	A detailed scheme for rainwater harvesting shall be prepared and implemented to recharge ground water.
VIII	Arrangement shall be made that effluent and storm water does not get mixed.
IX	Periodic monitoring of ground water shall be undertaken and results analyzed to ascertain any change in the quality of water. Results shall be regularly submitted to the Maharashtra Pollution Control Board.

X	Noise level shall be maintained as per standards. For people working in the high noise area, requisite personal protective equipment like earplugs etc. shall be provided.
XI	The overall noise levels in and around the plant are shall be kept well within the standards by providing noise control measures including acoustic hoods, silencers, enclosures, etc. on all sources of noise generation. The ambient noise levels shall confirm to the standards prescribed under Environment (Protection) Act, 1986 Rules, 1989.
XII	Green belt shall be developed & maintained around the plant periphery. Green Belt Development shall be carried out considering CPCB guidelines including selection of plant species and in consultation with the local DFO/ Agriculture Dept.
XIII	Adequate safety measures shall be provided to limit the risk zone within the plant boundary, in case of an accident. Leak detection devices shall also be installed at strategic places for early detection and warning.
XIV	Occupational health surveillance of the workers shall be done on a regular basis and record maintained as per Factories Act.
XV	(The company shall make the arrangement for protection of possible fire hazards during manufacturing process in material handling.
XVI	The project authorities must strictly comply with the rules and regulations with regard to handling and disposal of hazardous wastes in accordance with the Hazardous Waste (Management and Handling) Rules, 2003 (amended). Authorization from the MPCB shall be obtained for collections/treatment/storage/disposal of hazardous wastes.
XVII	Regular mock drills for the on-site emergency management plan shall be carried out. Implementation of changes / improvements required, if any, in the on-site management plan shall be ensured.
XVIII	A separate environment management cell with qualified staff shall be set up for implementation of the stipulated environmental safeguards.
XIX	Separate funds shall be allocated for implementation of environmental protection measures/EMP along with item-wise breaks-up. These cost shall be included as part of the project cost. The funds earmarked for the environment protection measures shall not be diverted for other purposes and year-wise expenditure should reported to the MPCB & this department
XX	The project management shall advertise at least in two local newspapers widely circulated in the region around the project, one of which shall be in the marathi language of the local concerned within seven days of issue of this letter, informing that the project has been accorded environmental clearance and copies of clearance letter are available with the Maharashtra Pollution Control Board and may also be seen at Website at http://ec.maharashtra.gov.in
XXI	Project management should submit half yearly compliance reports in respect of the stipulated prior environment clearance terms and conditions in hard & soft copies to the MPCB & this department, on 1st June & 1st December of each calendar year.
XXII	A copy of the clearance letter shall be sent by proponent to the concerned Municipal Corporation 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 website of the Company by the proponent.
XXIII	The proponent shall upload the status of compliance of the stipulated EC 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 MoEF, the respective Zonal Office of CPCB and the SPCB. The criteria pollutant levels namely; SPM, RSPM, SO ₂ , NO _x (ambient levels as well as stack emissions) or critical sectoral parameters, indicated for the project shall be monitored and displayed at a convenient location near the main gate of the company in the public domain.
XXIV	The project proponent shall also submit six monthly reports on the status of compliance of the stipulated EC 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.
XXV	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 EC conditions and shall also be sent to the respective Regional Offices of MoEF by e-mail.

4. The environmental clearance is being issued without prejudice to the action initiated under EP Act or any court case pending in the court of law and it does not mean that project proponent has not violated any environmental laws in the past and whatever decision under EP Act or of the Hon'ble court will be binding on the project proponent. Hence this clearance does not give immunity to the project proponent in the case filed against him, if any or action initiated under EP Act.

5. In case of submission of false document and non-compliance of stipulated conditions, Authority/ Environment Department will revoke or suspend the Environment clearance without any intimation and initiate appropriate legal action under Environmental Protection Act, 1986.

6. The Environment department reserves the right to add any stringent condition or to revoke the clearance if conditions stipulated are not implemented to the satisfaction of the department or for that matter, for any other administrative reason.

7. Validity of Environment Clearance: The environmental clearance accorded shall be valid as per EIA Notification, 2006, and amendments by MoEF&CC Notification dated 29th April, 2015.

8. In case of any deviation or alteration in the project proposed from those submitted to this department for clearance, a fresh reference should be made to the department to assess the adequacy of the condition(s) imposed and to incorporate additional environmental protection measures required, if any.

9. The above stipulations would be enforced among others under the Water (Prevention and Control of Pollution) Act, 1974, the Air (Prevention and Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986 and rules there under, Hazardous Wastes (Management and Handling) Rules, 1989 and its amendments, the public Liability Insurance Act, 1991 and its amendments.

10. Any appeal against this Environment clearance shall lie with the National Green Tribunal (Western Zone Bench, Pune), New Administrative Building, 1st Floor, D- Wing, Opposite Council Hall, Pune, if preferred, within 30 days as prescribed under Section 16 of the National Green Tribunal Act, 2010.


Shri. Anil Diggikar (Member Secretary SEIAA)

Copy to:

1. SHRI JOHNY JOSEPH, CHAIRMAN-SEIAA
2. SHRI UMAKANT DANGAT, CHAIRMAN-SEAC-I
3. SHRI M.M.ADTANI, CHAIRMAN-SEAC-II
4. SHRI ANIL .D. KALE. CHAIRMAN SEAC-III
5. SECRETARY MOEF & CC
6. IA- DIVISION MOEF & CC
7. MEMBER SECRETARY MAHARASHTRA POLLUTION CONTROL BOARD MUMBAI
8. REGIONAL OFFICE MOEF & CC NAGPUR
9. REGIONAL OFFICE MIDC TARAPUR
10. MAHARASHTRA STATE ELECTRICITY DISTRIBUTION CO. LTD
11. COLLECTOR OFFICE PALGHAR