POST EC COMPLIANCE REPORT

PERIOD: **JUN-2023 TO NOV-2023**
EC File No: SEAC-2014/CR-546/TC-2 dated 28/01/2016

M/s. Matsyodari Steel and Alloys Private Limited

Plot No. D-31 & D-32
Additional MIDC, Jalna,
Tehsil and District Jalna, Maharashtra. 431203

Project Spectrum: Expansion of Metallurgical unit , Billets /Ingots (90 to 1000 TPD), MS Bars 1000 TPD

Submitted By:

MATSYODARI Steel and Alloys Pvt. Ltd.
D-31 & 32, Addl. MIDC Area, Aurangabad Road,
Jalna (MS) 431203

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FAX: +91-2482-220955
Email: matsyodari32@gmail.com
Web: www.matsyodaristeel.com

CONTENTS

1. PROJECT BACKGROUND

1	**Name of Project:-**	**M/s. MATSYODARI STEEL & ALLOYS PVT. LTD.**
2	**Project Proponent**	**Mr. Deepak Mittal** **D-31 & 32, Addl MIDC, Jalna**
3	**Consultant**	**M/s. Ultra-Tech Environmental Consultancy & Laboratory**
4.	**Accreditation of consultant (NABET Accreditation)**	NABET Accreditation Certificate No. NABET/EIA/1417/RA010
5.	**New Project / Expansion in existing project/ Modernization/ Diversification in exiting project**	Expansion
6	**If expansion/ Diversification, whether environmental clearance has been obtained for existing project (If yes, enclose a copy with compliance table)**	No, was not required for lesser capacity
7.	**Activity schedule in the EIA Notificatio**	**3 (a), "B"**
8.	**Area Details**	Total Plot area : **14175 Sq.M** Built Up Area: **10510 Sq.M**
9.	**Name of the Notified Industrial area / MIDC area**	Jalna MIDC
10.	**TOR given by SEAC? (If yeas then specify the meeting)**	Yes
11.	**Estimated capital cost of the Project (including cost for land, building, plant and machinery separately)**	Existing- Rs. 2.51 Cr + Proposed 90.00 Cr Total Rs. 92.51 Cr
12.	**Location details of the project :**	1. **Latitude** : 19°50'59.01"N **2. Longitude** : 75°50'58.60"E 3. **Location** : D-31 & 32, Addl. MIDC, Jalna 4. **Elevation above Mean Sea Level**: 534 meter
13.	**Distance from Protected Areas / Critically Polluted areas / Eco-sensitive areas / inter-State boundaries**	Within 10 km area of influence zone there is no protected area, critically polluted area, eco-sensitive areas or inter-state boundaries

<table>
<tr><td>14.</td><td>Raw materials (including process chemicals, catalysts, & additives).</td><td>
<table>
<tr><th>List of raw materials to be used</th><th>Physical and chemical nature of raw material</th><th>Quantity (tonnes/ month) full production capacity</th><th>Source of materials</th><th>Means of transportation (Source to storage site) with justification</th></tr>
<tr><td>MS Scrap</td><td>Metallic</td><td>450TPD</td><td>District & Mumbai</td><td>Road</td></tr>
<tr><td>Sponge Iron</td><td>Metallic</td><td>650TPD</td><td>Chandrapur & Raipur</td><td>Road</td></tr>
</table>
</td></tr>
<tr><td>15.</td><td>Production details</td><td>
<table>
<tr><th>Name of products, Byproducts and intermediate products</th><th>Existing TPD</th><th>Proposed activity (New/modernization/ expansion) TPD</th><th>Total TPD</th></tr>
<tr><td>A.Main Products
MS Billets
MS Bars</td><td>
90
00</td><td>
910
1000</td><td>
1000
1000</td></tr>
<tr><td>B. By-Products</td><td>-</td><td>-</td><td>-</td></tr>
<tr><td>C.Intermediate Products</td><td>-</td><td>-</td><td></td></tr>
</table>
</td></tr>
<tr><td>16.</td><td>Process details / manufacturing details</td><td>Segregation, Melting, Tapping, Casting, Re-rolling
Details are submitted in the EIA</td></tr>
<tr><td>17.</td><td>Rain Water Harvesting (RWH)</td><td>• Level of Ground Water table 4 to 8 meters
• Size and no. of RWH tank(s) and Quantity 3x6 3nos.
• Location of the RWH tank (s) Near the shade
• Size, nos. of recharge pits and Quantity 3x6 7nos.
• Budgetary allocation (Capital cost and O&M cost) Rs.6.50 Lacs</td></tr>
<tr><td>18.</td><td>Total Water Requirement</td><td>Fresh water (CMD): & Source 90 CMD From Jalna MIDC

• Recycled Water (CMD):
• Use of Water :
• Process (CMD): NA
• Cooling water (CMD): 70
• DM Water(CMD): NA
• Dust Suppression (CMD):
• Drinking (CMD): 15
• Green Belt (CMD): 5
• Fire Services (CMD):
• Others (CMD):</td></tr>
<tr><td>19.</td><td>Storm water drainage</td><td>• Natural water drainage pattern: As per natural slope
• Quantity of storm water
• Size of SWD 300x450mm gutter</td></tr>
<tr><td>20.</td><td>Sewage generation and</td><td>• Amount of sewage generation (CMD) : 12</td></tr>
</table>

<table>
<tr><td></td><td>treatment</td><td>• Proposed treatment for the sewage: Prefabricated STP
• Capacity of the STP (CMD) (If applicable): 10 m^3</td></tr>
<tr><td>21.</td><td>Effluent characteristic</td><td>
<table>
<tr><th>Sr. no.</th><th>Parameters (pH, BOD, COD, heavy metal, etc.)</th><th>Inlet effluent Characteristics</th><th>Outlet effluent Characteristics</th></tr>
<tr><td>1</td><td>pH</td><td>6.5</td><td>7.00</td></tr>
<tr><td>2</td><td>BOD</td><td>100-120</td><td><30</td></tr>
<tr><td>3</td><td>COD</td><td>300-350</td><td><200</td></tr>
</table>
</td></tr>
<tr><td>22.</td><td>ETP details</td><td>• Amount of effluent generation (CMD): No Industrial effluent
• Capacity of the ETP (CMD):
• Amount of treated effluent recycled (CMD):12
• Amount of water send to the CETP (CMD)
• Membership of the CETP (If require): If yes then attach the letter submit the letter</td></tr>
<tr><td></td><td></td><td></td></tr>
<tr><td>23.</td><td>Note on ETP technology to be used</td><td>NA. Only Domestic Effluent</td></tr>
<tr><td>24.
25.</td><td>Disposal of the ETP sludge (If applicable)
Solid waste Management</td><td>Only domestic effluent, disposed on lad for gardening
<table>
<tr><th>Sr. No.</th><th>Source</th><th>Qty (TPM)</th><th>Form (Sludge/ Dry/ Slurry etc.)</th><th>Composition</th></tr>
<tr><td>1</td><td>Raw water treatment plant</td><td>-</td><td>-</td><td>MIDC Treated Water</td></tr>
<tr><td>2</td><td>ETP</td><td>Nil</td><td>-</td><td>-</td></tr>
<tr><td>3</td><td>Process</td><td>NA</td><td>Dry</td><td>Slag</td></tr>
<tr><td>4</td><td>Spent Catalyst</td><td>NA</td><td></td><td>NC</td></tr>
<tr><td>5</td><td>Oily Sludge</td><td>NA</td><td></td><td>NC</td></tr>
<tr><td>6</td><td>Others like Battery waste, e-waste Etc (Pl.Specify)</td><td>NA</td><td></td><td>NC</td></tr>
</table>
If waste(s) contain any hazardous /toxic substance/radioactive materials or heavy metal, provide quantity, disposal data and proposed precautionary measures. None
• What are the possibilities of recovery and recycling of wastes By sale to the brick manufacturer
• Possible users of Solid Waste – Brick manufacturer
• Method of disposal of solid waste- Brick manufacturer</td></tr>
<tr><td>26.</td><td>Atmospheric Emissions (Flue gas characteristics SPM, SO_2, NO_x, CO, etc.)</td><td>
<table>
<tr><th>Sr. No.</th><th>Pollutant</th><th>Source of Emission</th><th>Emission rate (kg/hr)</th><th>Concentration in flue gas</th></tr>
</table>
</td></tr>
</table>

1	SPM	Furnace	32660 Nm^3/hr	< 120 mg/Nm^3
2	SO_2	-	-	-
3	NO_X	-	-	-
4	CO	-	-	-
5	Others	-	-	-

27. Stack emission Details:
(All the stacks attached to process units, Boilers, captive power plant, D.G. Sets, Incinerator both for existing and proposed activity). Please indicate the specific section to which the stack is attached. e.g.: Process section, D.G. Set, Boiler, Power Plant, incinerator etc. Emission rate (kg/hr.) for each pollutant (SPM, SO2, NOx, etc. should be specified

Plant Section & units	**Stack No.**	**Height from ground level (m)**	**Internal Diameter (Top)(m)**	**Emission Rate (kg /hr)**	**Temp. of Exhaust Gases (^0C)**
Wet scrubber attached to the Furnace	1	33	1	PM-1.46 g/sec.	122

28. Emission Standard

Pollutants (SPM, SO2, etc)	**Emission Standard limit (**mg/Nm^3)	**Proposed Limit (**mg/Nm^3)	**MPCB Consent (**mg/Nm^3)
SPM	100	100	100

29. Ambient Air Quality Data

Pollutant	**Permissible Standard (µg/m³**	**Proposed Concentration (in µg/m³)**	**Remarks**
SPM	150	150	APC Provided
RPM	100	100	

<table>
<tr><td>30.</td><td>Details of Fuel to be used:</td><td>
<table>
<tr><td rowspan="2">Sr. No</td><td rowspan="2">Fuel</td><td colspan="2">Daily Consumption (TPD/KLD)</td><td rowspan="2">Calorific value (Kcals /kg)</td><td rowspan="2">% Ash</td><td rowspan="2">% Sulphur</td></tr>
<tr><td>Existing</td><td>Proposed</td></tr>
<tr><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr>
<tr><td>1</td><td>Gas</td><td>-</td><td>-</td><td colspan="3">- - -</td></tr>
<tr><td>2</td><td>Naphtha</td><td>-</td><td>-</td><td colspan="3"></td></tr>
<tr><td>3</td><td>HSD</td><td>-</td><td>-</td><td colspan="3"></td></tr>
<tr><td>4</td><td>Fuel Oil</td><td>-</td><td>-</td><td colspan="3"></td></tr>
<tr><td>6</td><td>Coal</td><td>-</td><td>-</td><td></td><td></td><td></td></tr>
<tr><td>7</td><td>Lignite</td><td>NA</td><td>NA</td><td>NA</td><td>NA</td><td>NA</td></tr>
<tr><td>8</td><td>Others</td><td>NA</td><td>NA</td><td>NA</td><td>NA</td><td>NA</td></tr>
</table>
</td></tr>
<tr><td>31.</td><td>Energy</td><td>
• Source of fuel: MSEB
• Mode of transportation of fuel to site: Transmission line fuel to site
Power supply:
• Existing power requirement: 5000 KVA
• Proposed power requirement: 19000 KVA
Total : 24000 kVA

DG sets:
• Number and capacity DG sets to be used (existing and proposed) : 500 kVA- 1 No. Proposed
</td></tr>
<tr><td>32.</td><td>Green Belt Development</td><td>
Details of the non-conventional renewable energy proposed to be used : No
• Green belt area: 2000 Sq.Mtrs.
• Number and species of trees to be planted: 180 Nos.
</td></tr>
<tr><td>33.</td><td>Details of Pollution Control Systems:</td><td>
Number, size, age and species of trees to be cut, trees to be transplanted- Nil

<table>
<tr><th>Sr. No.</th><th></th><th>Existing</th><th>Proposed to be installed</th></tr>
<tr><td>i)</td><td>Air</td><td>Fume extraction system with dust collector</td><td>Fume extraction system with wet scrubber</td></tr>
<tr><td>ii)</td><td>Water</td><td>Septic Tank with soak pit</td><td>Prefabricated STP</td></tr>
<tr><td>iii)</td><td>Noise</td><td>Tree Barrier</td><td>Tree Barrier</td></tr>
<tr><td>iv)</td><td>Solid</td><td>Collection, segregation</td><td>Collection,</td></tr>
<tr><td></td><td>Waste</td><td></td><td>segregation</td></tr>
</table>
</td></tr>
<tr><td>34.</td><td>Environmental Management plan</td><td>
• Capital cost (With break up): Rs.150.10 Lakhs
• O&M cost (With break up): Rs.24.44 Lakhs
</td></tr>
<tr><td></td><td>Budgetary Allocation</td><td></td></tr>
</table>

35. EIA Submitted (If yes • Period of data collected 3Months, Oct-Dec-2014

	then submit the salient features)	• Details of primary data collection (i.e. location of the sample collection, number of visit, etc) • Details of the secondary data collection (i.e. Source and year of data) census book • Potential hazard and mitigation measures Risk assessment and DMP design • Conclusion of the EIA study. The project is necessary and helps in converting waste steel into usable finished products without any male effect on environment
36.	Public hearing report (If public hearing conducted then submit the salient features)	• Date of the public hearing: • Name of the news paper in which the advertisement appeared (please attach copy) • Location of the public hearing • Number of people attended the hearing • Objection(s)/ Suggestion (s) if any
37.	Air pollution, water pollution issues in the project area, If any	No

2. DATA SHEET

Monitoring the Implementation of Environmental Safeguards
Ministry of Environment & Forest

Western Region, Regional Office, Nagpur, Maharashtra

MONITORING REPORT

PART – I

DATA SHEET

<table>
<tr><th>Sl. No.</th><th>Particulars</th><th></th><th>Details</th></tr>
<tr><td>1.</td><td>Project type: River Valley / Mining / Industry / Thermal / Nuclear / Others (specify)</td><td>:</td><td>Industry
The project falls under item 3(a) Metallurgical industries (Ferrous and non-ferrous) and 1 (d) Thermal power plant under Category ”B” EIA Notification2006. and amendments thereto and Circulars issued thereon.</td></tr>
<tr><td>2.</td><td>Name of the Project</td><td>:</td><td>Expansion of Metallurgical unit, billets/Ingots (90 to 1000 TPD), And proposed MS Bars 1000 TPD located at D-31 & 32, Addl MIDC, Jalna , Tehsil and District Jalna, Maharashtra. 431203- Environmental clearance regarding.</td></tr>
<tr><td>3.</td><td>Clearance letter (s) / OM No. and date</td><td>:</td><td>File No.: SEAC-2014/CR-546/TC-2 dated 28/01/2016</td></tr>
<tr><td rowspan="3">4.</td><td>Location
a) District (s)</td><td>:</td><td>Jalna</td></tr>
<tr><td>b) State (s)</td><td>:</td><td>Maharashtra</td></tr>
<tr><td>c) Location latitude / longitude</td><td>:</td><td>
<table>
<tr><th>Point</th><th>Latitude</th><th>Longitude</th></tr>
<tr><td>A</td><td>19°50'59.01"N</td><td>75°50'58.60"E</td></tr>
</table>
</td></tr>
</table>

	Address for Correspondence a) Address of the Concerned Project Chief Engineer (with Pin code & Telephone / Telex / Fax Numbers)		Mr. Deepak Mittal Managing Director (MD), M/s. MATSYODARI STEEL & ALLOYS PVT. LTD. D-31 & 32, Addl MIDC, Jalna , Tehsil and District Jalna, Maharashtra. 431203	
	b) Address of the Concerned Project Engineer / Manager (with Pin code & Telephone / Telex / Fax Numbers)	:	Mr. Deepak Mittal Managing Director (MD), M/s. MATSYODARI STEEL & ALLOYS PVT. LTD. D-31 & 32, Addl MIDC, Jalna , Tehsil and District Jalna, Maharashtra. 431203 *Ph. No. (02482) 221370/221371* *FAX: +91-2482-220955* *Email: matsyodari32@gmail.com* *Web: www.matsyodaristeel.com*	
6	**Salient features** a) of the Project	:	**Project Spectrum**	Expansion of Metallurgical unit, billets/Ingots (90 to 1000 TPD), And proposed MS Bars 1000 TPD
			Total Plot Area	14175
			Direct Employment	200 nos.
			Water Demand	90 CMD
			Source of Water	MIDC, Jalna
			Power requirement	24000 kVA
			Cost of the Project	Rs. 92.51 Crores
7.	**Breakup of the Project Area** a) Submergence area: forest &non-forest	:	NA There is no forest area involved	
	b) Others			

8.	**Breakup of the project affected population** with the enumeration of those losing Houses / Dwelling units only, Agricultural Land& Landless Laborers / Artisans: a) SC, ST / Adivasi b) Others (please indicate whether these figures are based on any scientific and systematic survey carried out or only provisional figures, if a survey is carried out give details & year of survey)	**:**	NA. There is no R & R involved. Project site is located in Jalna MIDC area.
9 a)	**Financial Details:** Project cost as originally planned and subsequent revised estimates and the year of price reference	:	Project is in operation
b)	Allocation made for environmental management plans with item wise and year wise breakup	:	Environmental Management Budget cost Capital Cost : ₹.150.10 Lakhs Recurring Cost : ₹. 24.44 Lakhs
c)	Whether includes the cost of environmental management as shown in the above	:	Yes
d)	Actual expenditure incurred on the project so far	:	₹. 92.51 cr
e)	Actual expenditure incurred on the environmental management plans so far	:	₹.150.10 Lakhs
10	**Forest Land Requirement**	:	No Forest land is involved in the project
a)	The status of approval for diversion of forest land for non-forestry use	:	NA
b)	The status of clearing felling	:	NA
c)	The status of compensatory aforestation, if any	:	NA
d)	Comments on the viability & sustainability of compensatory afforestation program in the light of actual field experience so far	:	NA

11	**The status of clear felling** in non-forest areas (such as submergence area or reservoir, approach roads.), if any with quantitative information required.	:	NA
12	**Status of construction** (Actual & /or planned)	:	Project is in operation
a)	Date of commencement (Actual & / or planned)	:	--
b)	Date of completion (Actual &/or planned)	:	--
13	Reasons for the delay if the project is yet to start	:	--
14	**Dates of Site Visits**		
a)	The dates on which the project was monitored by the Regional Office on previous occasions, if any	:	--
b)	Date of site visits for this monitoring report	:	--

1. STATUS OF EC LETTER CONDITIONS COMPLIANCE AS ON 30 NOV 2023

PART A: GENERAL CONDITIONS FOR PRE-CONSTRUCTION PHASE:-		
Sl.No.	**Conditions**	**Compliance Status**
i.	No additional land shall be used/acquired for any activity of the project without obtaining proper permission.	Noted for future expansion of the M/s. MATSYODARI STEEL & ALLOYS PVT. LTD.
ii.	This environmental clearance is issued subject to implementation of online air monitoring facility equipment.	It is installed to stack.
iii.	For controlling fugitive natural dust, regular sprinkling of water & wind shields at appropriate distances in vulnerable areas of the plant shall be ensured.	Project is in operational
iv.	Regular monitoring of the air quality, including SPM & SO2 levels both in work zone and ambient air shall be carried out in and around the power plant and records shall be decided in consultation with Maharashtra pollution control board (MPCB) & submit report accordingly to MPCB.	Noted for compliance. Operational phase ambient air quality reports are attached as **Annexure-2**
v.	Necessary arrangement shall be made to adequate safety and ventilation arrangement in furnace area	Compiled. 5 nos. of 5HP exhaust fans are installed
vi.	Proper housekeeping programmers shall be implemented.	Complied. Same is being compiled in operational phase also
vii.	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.	Note for operation.
viii.	A stack of adequate height based on DG set capacity shall be provided for control and dispersion of pollutant from DG set. (If applicable)	8 meter stack height is provided 500 kVA DG

ix.	A detailed scheme for rainwater harvesting shall be prepared and implemented to recharge ground water	3 nos. of RWH tanks are constructed at site at size of 3mx6m
x.	Arrangement shall be made that effluent and storm water does not get mixed.	Compiled. Separate drainage networks are constructed for storm water and plant waste water
xi.	Periodic monitoring of ground water shall be undertaken and results analysed to ascertain any change in the quality of water. Results shall be regularly submitted to the Maharashtra pollution control board.	Borewell water analysis report is attached as Annexure-4
xii.	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.	Noise level within plant premises monitored and recorded within permissible limits of CPCB. Noise level measuring reports are attached as an Annexure -3
xiii.	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.	Noise level within plant premises monitored and recorded within permissible limits of CPCB. Noise level measuring reports are attached as an Annexure -3
xiv.	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/Agricultural Dept.	Industry has developed 2000 Sq.M. of green belt.
xv.	Adequate safety measures shall be provided to limit the risk zone within the plant boundary, in case of an accident. Leak detection devices shall be installed at strategic places for early detection and warming.	Assembly point is idenfied in case of accident. Warning alarms are placed in risky zone areas.
xvi.	Occupational health surveillance of the workers shall be done on a regular basis and record maintained as per factories act.	Noted for compliance

xvii.	The company shall make the arrangement for protection of possible fire hazards during manufacturing process in material handling.	Compiled
xviii.	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.	There is no hazardous waste generation. Only waste in the form of furnace slag sent to brick manufacturer
xix.	The company shall undertake following waste minimization measures : • Metering of quantities of active ingredients to minimize waste. • Reuse of by-products from the process as raw materials or as raw material substitutes in other process. • Maximizing recoveries.	It is being Compiled
xx.	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.	Quarterly on-site emergency mock drills are being carried out.
xxi.	A separate environment management cell with qualified staff shall be set up for implementation of the stipulated environmental safeguards.	Compiled
xxii.	Transportation of ash will be through closed containers and all measures should be taken to prevent spilling of the ash.	There is no ash generation
xxiii.	Separate silos will be provided for collecting and sorting bottom ash and fly ash.	There is no ash generation
xxiv.	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	<u>Environmental Management plan Budgetary Allocation</u> • Capital cost (With break up): Rs.150.10 Lakhs • O&M cost (With break up): Rs.24.44 Lakhs

	be diverted for other purposes and year-wise expenditure should reported to the MPCB & this department.	
xxv.	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://e.maharashtra.gov.in	Compiled
xxvi.	Project management should submit half yearly compliance reports in respect of the stipulated prior environment clearance terms and conditions in hard and soft copies to the MPCB & this department, on 1st June & 1st December of each calendar year.	It is being compiled
xxvii.	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.	-
xxviii.	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, SO2, NOx (ambient levels as well as stack emissions) or critical sector 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.	Monitoring data regularly submitted to MoEF zonal office, Nagpur

xxix.	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.	It is being compiled
xxx.	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.	It is being compiled

3. 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.

   Compliance : Noted

4. 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.

   Compliance : Noted

5. Validity of environmental clearance: the environmental clearance accorded shall be valid for a period of 7 years as per MoEF & CC notification dated 29th April, 2015

   Compliance : Noted

6. 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.
   Compliance: Noted for expansion and modification of plant

7. 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, 1986 and its amendments, the public liability insurance act, 1991 and its amendments.
   Compliance: Noted

8. Any appeal against this environmental 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 35 of the national green tribunal act 2010.
   Compliance: Noted

ANNEXURE

Annexure 1: Environmental Clearance Letter.

Annexure 2: FORM V

Annexure 3: Grant of Renewal of Consent to Operate under Red category.

Annexure 4: Air quality monitoring reports.

Annexure 1: Environmental Clearance Letter.

STATE LEVEL ENVIRONMENT IMPACT ASSESSMENT AUTHORITY

SEAC- 2014/CR-546/TC-2
Environment department
Room No. 217, 2nd floor,
Mantralaya Annex,
Mumbai- 400 032.
Dated: 28 January, 2016.

To,
M/s. Matsyodari Steel & Alloy Pvt.Ltd.
At Plot no.D-31 & 32, Addl MIDC,
Jalna

Subject: Environment Clearance for proposed Engineering Industrial SSI Unit at Plot D-32, Addl. MIDC, Jalna by M/s. Matsyodari Steel & Alloy Pvt.Ltd

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 109th meeting and decided to 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 91st meeting.

2. It is noted that the proposal is considered by SEAC-I under screening category 3(a) B1 as per EIA Notification 2006.

Brief Information of the project submitted by Project Proponent is as:

1	Name of the Project	M/S MATSYODARI STEEL & ALLOYS PVT LTD. D – 31 & 32, Addl. MIDC, Jalna
2	Project Proponent	Mr. Deepak Mittal D-31 & 32, Addl MIDC, Jalna
3	Consultant	M/s. Ultra-Tech Environmental Consultancy & Laboratory.
4	Accreditation of consultant (NABET Accreditation)	NABET Accreditation Certificate No. NABET/EIA/1417/RA010
5	New Project / Expansion in existing project/ Modernization/ Diversification in exiting project	Expansion
6	If expansion/ Modernization, whether environmental clearance has been	No, was not required for lesser capacity

<table>
<tr><td></td><td>obtained for existing project</td><td></td></tr>
<tr><td>7</td><td>Activity schedule in the EIA Notification</td><td>3 (a), "B"</td></tr>
<tr><td>8</td><td>Area Details</td><td>Total plot Area: 14175 SQM
Built up area: 10,510 SQM</td></tr>
<tr><td>9</td><td>Name of the Notified Industrial area / MIDC area</td><td>Jalna MIDC</td></tr>
<tr><td>10</td><td>TOR given by SEAC?</td><td>Yes,</td></tr>
<tr><td>11</td><td>Estimated capital cost of the Project (including cost for land, building, plant and machinery separately)</td><td>Existing - Rs. 2.51 Cr. + Proposed 90.00 Cr.
Total Rs. 92.51Cr.</td></tr>
<tr><td>12</td><td>Location details of the project :</td><td>1. Latitude 19°50'59.01"N
2. Longitude 75°50'58.60"E
3. Location D – 31 & 32, Addl. MIDC, Jalna
4. Elevation above Mean Sea Level (meters) 534 meters</td></tr>
<tr><td>13</td><td>Distance from Protected Areas / Critically Polluted areas / Eco-sensitive areas/ inter-State boundaries</td><td>Within 10 km area of influence zone there is no protected area, critically polluted area, eco-sensitive areas or inter-state boundaries</td></tr>
<tr><td>14.</td><td>Raw materials (including process chemicals, catalysts, & additives).</td><td>
<table>
<tr><td>List of raw materials to be used</td><td>Physical and chemical nature of raw material</td><td>Quantity (tones/month) full production capacity</td><td>Source of Materials</td><td>Means of transportation (Source to storage site) with justification</td></tr>
<tr><td>MS Scrap</td><td>Metallic</td><td>450TPD</td><td>District & Mumbai</td><td>Road</td></tr>
<tr><td>Sponge Iron</td><td>Metallic</td><td>650TPD</td><td>Chandrapur & Raipur</td><td>Road</td></tr>
</table>
</td></tr>
<tr><td>15</td><td>Production Details</td><td>
<table>
<tr><td>Name of Products, Byproducts and intermediate Products</td><td>Existing TPD</td><td>Proposed activity (new/modernization/expansion) TPD</td><td>Total TPD</td></tr>
<tr><td>A.MainProducts
MS Billets
MS Bars</td><td>
90
00</td><td>
910
1000</td><td>
1000
1000</td></tr>
</table>
</td></tr>
</table>

<table>
<tr><td></td><td></td><td><table>
<tr><td>B. By-Products</td><td>-</td><td>-</td><td></td></tr>
<tr><td>C. Intermediate Products</td><td>-</td><td>-</td><td></td></tr>
</table></td></tr>
<tr><td>16</td><td>Process details / manufacturing details</td><td>Segregation, Melting, Tapping, Casting, Re-rolling
Details are submitted in the EIA</td></tr>
<tr><td>17</td><td>Rain Water Harvesting</td><td>• Level of the Ground water table 4 to 8 meters
• Size and no of RWH tank(s) and Quantity 3x6 3nos.
• Location of the RWH tank(s)Near the shade
• Size, nos of recharge pits and Quantity 3x6 7Nos
• Budgetary allocation (Capital cost and O&M cost) Rs.6.50 lacs</td></tr>
<tr><td>18</td><td>Total Water Requirement Total water requirement:</td><td>Fresh water (CMD): & Source 90 CMD From Jalna MIDC
• Recycled water (CMD):
• Use of the water:
• Process (CMD): NA
• Cooling water (CMD): 70
• DM Water (CMD):NA
• Dust Suppression (CMD):
• Drinking (CMD): 15
• Green belt (CMD): 5
• Fire service (CMD):
• Others (CMD):</td></tr>
<tr><td>19</td><td>Storm water drainage</td><td>• Natural water drainage pattern: AS per natural slope
• quantity of storm water
• Size of SWD 300x450mm gutter</td></tr>
<tr><td>20</td><td>Sewage generation and treatment</td><td>• Amount of sewage generation (CMD) 12
• Proposed treatment for the sewage: Prefabricated STP
• Capacity of the STP (CMD) (If applicable): 10 m^3</td></tr>
<tr><td>21</td><td>Effluent characteristic</td><td><table>
<tr><th>Sr. No.</th><th>Parameters (pH, BOD, COD, heavy metal, etc)</th><th>Inlet effluent Characteristic</th><th>Outlet effluent Characteristic</th></tr>
<tr><td>1</td><td>pH</td><td>6.5</td><td>7.00</td></tr>
<tr><td>2</td><td>COD</td><td>300-350</td><td><200</td></tr>
<tr><td>3</td><td>BOD</td><td>100-120</td><td><30</td></tr>
</table></td></tr>
<tr><td>22</td><td>ETP details</td><td>• Amount of effluent generation (CMD): No Industrial effluent
• Capacity of the ETP (CMD):
• Amount of treated effluent recycled (CMD):12
• Amount of water send to the CETP (CMD):
• Membership of the CETP (If require): If yes then attach the letter submit the letter</td></tr>
<tr><td>23</td><td>Note on ETP technology to be used</td><td>NA. Only Domestic Effluent</td></tr>
<tr><td>24</td><td>Disposal of the ETP sludge (If applicable</td><td>Only domestic effluent, disposed on land for gardening</td></tr>
</table>

<table>
<tr>
<td>25</td>
<td>Solid waste Management:</td>
<td>
<table>
<tr><th>Sr. No</th><th>Source</th><th>Qty (TPM)</th><th>Form (Sludge/ Dry/ Slurry etc.)</th><th>Composition</th></tr>
<tr><td>1</td><td>Raw water treatment plant</td><td>-</td><td>-</td><td>MIDC Treated Water</td></tr>
<tr><td>2</td><td>ETP</td><td>Nil</td><td>-</td><td>-</td></tr>
<tr><td>3</td><td>Process</td><td>NA</td><td>Dry</td><td>Slag</td></tr>
<tr><td>4</td><td>Spent Catalyst</td><td>NA</td><td></td><td>NC</td></tr>
<tr><td>5</td><td>Oily Sludge</td><td>NA</td><td></td><td>NC</td></tr>
<tr><td>6</td><td>Others like Battery waste, e-waste Etc (Pl. Specify)</td><td>NA</td><td></td><td>NC</td></tr>
</table>
If waste(s) contain any hazardous/toxic substance/radioactive materials or heavy metals, provide quantity, disposal data and proposed precautionary measures. None
• What are the possibilities of recovery and recycling of wastes
By sale to the brick manufacturer
• Possible users of Solid Waste Brick manufacturer
• Method of disposal of solid waste Brick manufacturer
</td>
</tr>
<tr>
<td>26</td>
<td>Atmospheric Emissions:
Flue gas characteristics(SPM, SO2, Nox, CO)</td>
<td>
<table>
<tr><th>S. No.</th><th>Pollutant</th><th>Source of emission</th><th>Emission rate kg/hr</th><th>Concentration in flue gas</th></tr>
<tr><td>1</td><td>SPM</td><td>Furnace</td><td>32660 NM^3/hr</td><td>< 120mg/Nm3</td></tr>
<tr><td>2</td><td>SO_2</td><td>-</td><td>-</td><td>-</td></tr>
<tr><td>3</td><td>NOx</td><td>-</td><td>-</td><td>-</td></tr>
<tr><td>4</td><td>CO</td><td>-</td><td>-</td><td>-</td></tr>
<tr><td>5</td><td>Others</td><td></td><td></td><td></td></tr>
</table>
</td>
</tr>
</table>

<table>
<tr><td>27</td><td>Stack emission Details: (All the stacks attached to process units, Boilers, captive power plant, D.G. Sets, Incinerator both for existing and proposed activity). Please indicate the specific section to which the stack is attached. e.g.: Process section, D.G. Set, Boiler, Power Plant, incinerator etc. Emission rate (kg/hr.) for each pollutant (SPM, SO2, NOx, etc. should be specified</td><td>
<table>
<tr><th>Plant section & Units</th><th>Stack No.</th><th>Height from ground level (M)</th><th>Internal Diameter (Top) (m)</th><th>Emission Rate</th><th>Temp. of Exhaust Gases</th></tr>
<tr><td>Wet Scrubber attached to the furnace</td><td>1</td><td>33</td><td>1</td><td>PM- 1.46 g/sec.</td><td>122</td></tr>
</table>
</td></tr>
<tr><td>28</td><td>Emission Standard</td><td>
<table>
<tr><th>Pollutants (SPM, SO2 etc)</th><th>Emission Standard Limit (mg/Nm3)</th><th>Proposed Limit (mg/Nm3)</th><th>MPCB Consent (mg/Nm3)</th></tr>
<tr><td>SPM</td><td>100</td><td>100</td><td>100</td></tr>
</table>
</td></tr>
<tr><td>29</td><td>Ambient Air Quality Data</td><td>
<table>
<tr><th>Pollutant</th><th>Permissible Standard</th><th>Proposed Concentration as per MPCB consent (in µg/m3.)</th><th>Remarks</th></tr>
<tr><td>SPM</td><td>150</td><td>150</td><td>APC Provided</td></tr>
<tr><td>RPM</td><td>100</td><td>100</td><td></td></tr>
</table>
</td></tr>
</table>

<table>
<tr><td>30</td><td>Details of Fuel used:</td><td>
<table>
<tr><td>S. No</td><td>Fuel</td><td colspan="2">Daily Consumption (TPD/KLD)</td><td>Calorific value (Kcals/ kg) %</td><td>Ash %</td><td>Sulphur %</td></tr>
<tr><td></td><td></td><td>Existing</td><td>Proposed</td><td></td><td></td><td></td></tr>
<tr><td>1</td><td>Gas</td><td>-</td><td>-</td><td>-</td><td>-</td><td>-</td></tr>
<tr><td>2</td><td>Naphtha</td><td>-</td><td>-</td><td colspan="3" rowspan="5">Only Electric Power is used</td></tr>
<tr><td>3</td><td>HSD</td><td>-</td><td>-</td></tr>
<tr><td>4</td><td>Fuel Oil</td><td></td><td></td></tr>
<tr><td>5</td><td>Coal</td><td>-</td><td>-</td></tr>
<tr><td>6</td><td>Lignite</td><td>-</td><td>-</td></tr>
<tr><td>7</td><td>Other (Pl. specify)</td><td>-</td><td></td><td></td><td></td><td></td></tr>
</table>
Source of Fuel : MSEB
Mode of Transportation of : Transmission line fuel to site
</td></tr>
<tr><td>31</td><td>Energy</td><td>Power supply:
Existing power requirement: 5000KVA
Proposed power requirement: 19000KVA
Total : 24000 KVA
DG sets:
Number and capacity DG sets to be used (existing and Proposed) 500 KVA -1 No. Proposed
Details of the non-conventional renewable energy proposed to be used :</td></tr>
<tr><td>32</td><td>Green Belt Development</td><td>Green belt area: 2000 Sq. Mtrs.
Number and species of trees to be planted: 180 Nos.
Number, size, age and species of trees to be cut, trees to be transplanted Nil</td></tr>
<tr><td>33</td><td>Details of Pollution Control Systems:</td><td>
<table>
<tr><td>S. No.</td><td></td><td>Existing</td><td>Proposed to be installed</td></tr>
<tr><td>i)</td><td>Air</td><td>Fume extraction system with dust collector</td><td>Fume extraction system with wet Scrubber</td></tr>
<tr><td>ii)</td><td>Water</td><td>Septic Tank with soak pit</td><td>Prefabricated STP</td></tr>
<tr><td>iii)</td><td>Noise</td><td>Tree Barrier</td><td>Tree Barrier</td></tr>
<tr><td>iv)</td><td>Solid Waste</td><td>Collection, segregation</td><td>Collection , Segregation</td></tr>
</table>
</td></tr>
<tr><td>34</td><td>Environmental Management plan Budgetary Allocation</td><td>Capital cost with break up:Rs. 150.10 Lakhs
O & M Cost with break up:Rs. 24.44Lakhs</td></tr>
</table>

35	EIA Submitted (If yes then submit the salient features)	• Period of data collected 3Months, Oct – Dec - 2014 • Details of the primary data collection (i.e. location of the • sample collection, number of visit, etc) • Details of the secondary data collection (i.e. Source and year of data) census book • Potential hazard and mitigation measures Risk assessment and DMP design • Conclusion of the EIA study The project is necessary and helps in converting waste steel into usable finished products without any male effect on environment
36	Public hearing report (If public hearing conducted then submit the salient features)	• Date of the public hearing: NA • Name of the news paper in which the advertisement appeared • (Please attach the copy) • Location of the public hearing • Number of people attended the hearing • Objection(s) / Suggestion(s) if any
37	Air pollution, water pollution issues in the project area, If any	No

3. The proposal has been considered by SEIAA in its 91st 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 :

General Conditions for Pre- construction phase:-

(i) No additional land shall be used /acquired for any activity of the project without obtaining proper permission.

(ii) This environmental clearance is issued subject to implementation of online air monitoring facility equipment.

(iii) For controlling fugitive natural dust, regular sprinkling of water & wind shields at appropriate distances in vulnerable areas of the plant shall be ensured.

(iv) Regular monitoring of the air quality, including SPM & SO2 levels both in work zone and ambient air shall be carried out in and around the power plant and records shall be maintained. The location of monitoring stations and frequency of monitoring shall be decided in consultation with Maharashtra Pollution Control Board (MPCB) & submit report accordingly to MPCB.

(v) Necessary arrangement shall be made to adequate safety and ventilation arrangement in furnace area.

(vi) Proper Housekeeping programmers shall be implemented.

(vii) 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.

(viii) A stack of adequate height based on DG set capacity shall be provided for control and dispersion of pollutant from DG set.(If applicable)

(ix) A detailed scheme for rainwater harvesting shall be prepared and implemented to recharge ground water.

(x) Arrangement shall be made that effluent and storm water does not get mixed.

(xi) 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.

(xii) 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.

(xiii) 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.

(xiv) 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.

(xv) 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.

(xvi) Occupational health surveillance of the workers shall be done on a regular basis and record maintained as per Factories Act.

(xvii) The company shall make the arrangement for protection of possible fire hazards during manufacturing process in material handling.

(xviii) 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.

(xix) The company shall undertake following Waste Minimization Measures :

- Metering of quantities of active ingredients to minimize waste.
- Reuse of by- products from the process as raw materials or as raw material substitutes in other process.
- Maximizing Recoveries.
- Use of automated material transfer system to minimize spillage.

(xx) 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.

(xxi) A separate environment management cell with qualified staff shall be set up for implementation of the stipulated environmental safeguards.

(xxii) Transportation of ash will be through closed containers and all measures should be taken to prevent spilling of the ash.

(xxiii) Separate silos will be provided for collecting and storing bottom ash and fly ash.

(xxiv) 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

(xxv) 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

(xxvi) 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.

(xxvii) 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.

(xxviii)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, NOx (ambient levels as well as stack emissions) or critical sectorai 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.

(xxix) 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.

(xxx) 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. The Environment department reserves the right 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.

6. **Validity of Environment Clearance**: The environmental clearance accorded shall be valid for a period of 7 years as per MoEF & CC Notification dated 29th April, 2015 to start of production operations.

7. 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.

8. 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.

9. Any appeal against this environmental 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.

(Malini Shankar)
Member Secretary, SEIAA.

Copy to:

1. Shri. R. C. Joshi, IAS (Retd.), Chairman, SEIAA, Flat No. 26, Belvedere, Bhulabhai desai road, Breach candy, Mumbai- 400026.
2. Shri T. C. Benjamin, IAS (Retired), Chairman, SEAC-I, 602, PECAN, Marigold, Behind Gold Adlabs, Kalyani Nagar, Pune – 411014. .
3. Additional Secretary, MoEF & CC, Indira Paryavaran Bhavan, Jorbagh Road, Aliganj, New Delhi-110003.
4. Member Secretary, Maharashtra Pollution Control Board, with request to display a copy of the clearance.
5. The CCF, Regional Office, Ministry of Environment and Forest (Regional Office, Western Region, Kendriya Paryavaran Bhavan, Link Road No- 3, E-5, Ravi-Shankar Nagar, Bhopal- 462 016). (MP).
6. Regional Office, MPCB, Aurangabad.
7. Collector, Jalna
8. IA- Division, Monitoring Cell, MoEF & CC, Indira Paryavaran Bhavan, Jorbagh Road, Aliganj, New Delhi-110003.
9. Select file (TC-3)

(EC uploaded on 28/01/2016)

Annexure 2: Air quality monitoring reports

Maharashtra Pollution Control Board

महाराष्ट्र प्रदूषण नियंत्रण मंडळ

FORM V

(See Rule 14)

Environmental Audit Report for the financial Year ending the 31st March 2023

Unique Application Number	***Submitted Date***
MPCB-ENVIRONMENT_STATEMENT-0000061781	30-09-2023

PART A

Company Information

Company Name	***Application UAN number***	
Matsyodari Steel And Alloy Pvt Ltd	---	
Address		
Plot No D-31 & 32, Addl MIDC Jalna		
Plot no	***Taluka***	***Village***
Plot No D-31 & 32	Jalna	MIDC AREA JALNA.
Capital Investment (In lakhs)	***Scale***	***City***
6559	L.S.I	Jalna
Pincode	***Person Name***	***Designation***
431203	Vijay Mittal	DIRECTOR
Telephone Number	***Fax Number***	***Email***
9326149255	0	matsyodari32@gmail.com
Region	***Industry Category***	***Industry Type***
SRO-Jalna	Red	R53 Iron & Steel (involving processing from ore/ integrated steel plants) and or Sponge Iron units
Last Environmental statement submitted online	***Consent Number***	***Consent Issue Date***
yes	Format1.0/CC/UAN No.MPCBCONSENT-0000174242/CR/2307000395	2023-07-07
Consent Valid Upto	***Establishment Year***	***Date of last environment statement submitted***
2028-06-30	1999	Sep 29 2022 12:00:00:000AM
Industry Category Primary (STC Code) & Secondary (STC Code)		

Product Information

Product Name	***Consent Quantity***	***Actual Quantity***	***UOM***
MS INGOT/BILLETS	360000	93351	MT/A

By-product Information

By Product Name	***Consent Quantity***	***Actual Quantity***	***UOM***
NA	0	0	MT/A

Part-B (Water & Raw Material Consumption)

1) Water Consumption in m3/day

Water Consumption for	Consent Quantity in m3/day	Actual Quantity in m3/day
Process	0.00	0.00
Cooling	70.00	55.00
Domestic	15.00	11.00
All others	5.00	0.00
Total	90.00	66.00

2) Effluent Generation in CMD / MLD

Particulars	Consent Quantity	Actual Quantity	UOM
Domestic	12.0	8.8	CMD

2) Product Wise Process Water Consumption (cubic meter of process water per unit of product)

Name of Products (Production)	During the Previous financial Year	During the current Financial year	UOM
0	0	0	MT/A

3) Raw Material Consumption (Consumption of raw material per unit of product)

Name of Raw Materials	During the Previous financial Year	During the current Financial year	UOM
MS SCRAP,Sponge Iron And Silico Magnage	0	93500	MT/A

4) Fuel Consumption

Fuel Name	Consent quantity	Actual Quantity	UOM
Electricity	0	0	Mwh

Part-C

Pollution discharged to environment/unit of output (Parameter as specified in the consent issued)

[A] Water

Pollutants Detail	Quantity of Pollutants discharged (kL/day)	Concentration of Pollutants discharged(Mg/Lit) Except PH,Temp,Colour	Percentage of variation from prescribed standards with reasons		
	Quantity	Concentration	%variation	Standard	Reason
NA	0	0	0	0	0

[B] Air (Stack)

Pollutants Detail	Quantity of Pollutants discharged (kL/day)	Concentration of Pollutants discharged(Mg/NM3)	Percentage of variation from prescribed standards with reasons		
	Quantity	Concentration	%variation	Standard	Reason
SPM/TPM	0	25	0	0	0

Part-D

HAZARDOUS WASTES

1) From Process

Hazardous Waste Type	Total During Previous Financial year	Total During Current Financial year	UOM
0	0	0	MT/A

2) From Pollution Control Facilities

Hazardous Waste Type	Total During Previous Financial year	Total During Current Financial year	UOM
0	0	0	MT/A

Part-E

SOLID WASTES

1) From Process

Non Hazardous Waste Type	Total During Previous Financial year	Total During Current Financial year	UOM
BURNT STEEL & SLAG	239.960	225.875	MT/A

2) From Pollution Control Facilities

Non Hazardous Waste Type	Total During Previous Financial year	Total During Current Financial year	UOM
NA	0	0	MT/A

3) Quantity Recycled or Re-utilized within the unit

Waste Type	Total During Previous Financial year	Total During Current Financial year	UOM
0	0	0	MT/A

Part-F

Please specify the characteristics(in terms of concentration and quantum) of hazardous as well as solid wastes and indicate disposal practice adopted for both these categories of wastes.

1) Hazardous Waste

Type of Hazardous Waste Generated	Qty of Hazardous Waste	UOM	Concentration of Hazardous Waste
0	0	MT/A	0

2) Solid Waste

Type of Solid Waste Generated	Qty of Solid Waste	UOM	Concentration of Solid Waste
BURNT STEEL & SLGE	225.875	MT/A	SOLID

Part-G

Impact of the pollution Control measures taken on conservation of natural resources and consequently on the cost of production.

Description	Reduction in Water Consumption (M3/day)	Reduction in Fuel & Solvent Consumption (KL/day)	Reduction in Raw Material (Kg)	Reduction in Power Consumption (KWH)	Capital Investment(in Lacs)	Reduction in Maintenance(in Lacs)
-	0	0	0	0	0	0

Part-H

Additional measures/investment proposal for environmental protection abatement of pollution, prevention of pollution.

[A] Investment made during the period of Environmental Statement

Detail of measures for Environmental Protection	Environmental Protection Measures	Capital Investment (Lacks)
Air Pollution Control System	Operation And Maint	4.0

[B] Investment Proposed for next Year

Detail of measures for Environmental Protection	***Environmental Protection Measures***	***Capital Investment (Lacks)***
Air Pollution Control System	Operation And Maint	5.5

Part-I

Any other particulars for improving the quality of the environment.

Particulars

TREE PLANTATION IN 2023-24

Name & Designation

Kishore Bharuka (DIRECTOR)

UAN No:

MPCB-ENVIRONMENT_STATEMENT-0000061781

Submitted On:

30-09-2023

Annexure 3: Grant of Renewal of Consent to Operate under Red category.

MAHARASHTRA POLLUTION CONTROL BOARD

Tel: 24010706/24010437
Fax: 24023516
Website: http://mpcb.gov.in
Email: cac-cell@mpcb.gov.in

Kalpataru Point, 2nd and 4th floor, Opp. Cine Planet Cinema, Near Sion Circle, Sion (E), Mumbai-400022

RED/L.S.I (O63)
No:- Format1.0/CC/UAN No.MPCB-CONSENT-0000174242/CR/2307000395

Date: 07/07/2023

To,
M/s. Matsyodari Steel & Alloys Pvt. Ltd.
Plot No. D-31& D-32, Addl. MIDC, Jalna.

LiFE Lifestyle for Environment
लोकसेवा हक्क कायदा Right to Public Service Act
Your Service is Our Duty

Sub: Grant of Renewal of Consent to Operate under Red category.

Ref:
1. Environmental Clearance granted by Environment Department GoM vide dtd. 28/01/2016.
2. Earlier Consent to Operate granted by the Board vide no. BO/JD (APC)/ UAN No. 0000089112/R/CC - 2006000396 dtd. 10/06/2020.
3. Minutes of 11th Consent Committee Meeting held on 07/07/2023.

Your application No.MPCB-CONSENT-0000174242 Dated 21.06.2023

For: Grant of Consent to Operate under Section 26 of the Water (Prevention & Control of Pollution) Act, 1974 & under Section 21 of the Air (Prevention & Control of Pollution) Act, 1981 and Authorization under Rule 6 and Rule 18(7) of the Hazardous & Other Wastes (Management & Transboundary Movement) Rules 2016 is considered and the consent is hereby granted subject to the following terms and conditions and as detailed in the schedule I, II, III & IV annexed to this order:

1. **The consent to renewal is granted for a period up to 30/06/2028**
2. **The capital investment of the project is Rs.65.59 Crs. (As per C.A Certificate submitted by industry)**
3. **Consent is valid for the manufacture of:**

Sr No	Product	Maximum Quantity	UOM
Products			
1	MS Ingots/Billets	1000	MT/Day
2	TMT Bars	1000	MT/Day

4. **Conditions under Water (P&CP), 1974 Act for discharge of effluent:**

Sr No	Description	Permitted (in CMD)	Standards to	Disposal Path
1.	Trade effluent	0	As per Schedule-I	Not Applicable
2.	Domestic effluent	12	As per Schedule-I	On land for gardening

5. **Conditions under Air (P& CP) Act, 1981 for air emissions:**

Sr No.	Stack No.	Description of stack / source	Number of Stack	Standards to be achieved
1	S1	Induction Furnace (30 T)	1	As per Schedule -II
2	S2	DG set of 500 KVA	1	As per Schedule -II

6. **Non-Hazardous Wastes:**

Sr No	Type of Waste	Quantity	UoM	Treatment	Disposal
1	Slag	30	MT/Day	NA	Used For Building Construction And Road Making

7. **Conditions under Hazardous & Other Wastes (M & T M) Rules 2016 for Collection, Segregation, Storage, Transportation, Treatment and Disposal of hazardous waste:**

Sr No	Category No./ Type	Quantity	UoM	Treatment	Disposal
NA					

8. The Board reserves the right to review, amend, suspend, revoke this consent and the same shall be binding on the industry.
9. This consent should not be construed as exemption from obtaining necessary NOC/ permission from any other Government authorities.
10. The applicant shall obtain necessary permission from the Directorate of Industrial Safety and Health (DISH).
11. This consent is issued pursuant to the decision of the 11th Consent Committee Meeting held on 07/07/2023.
12. The applicant shall ensure that installation of secondary fume extraction system to the furnace having capacity 30 TPH) shall be installed within 06 months.
13. The applicant shall strictly comply with the conditions of Environmental Clearance granted by Environment Department GoM vide dtd. 28/01/2016.
14. The applicant shall make an application for Renewal of consent 60 days prior to date of expiry of the Consent.

. This consent is issued as per communication letter dated 03/11/2022 which is approved by competent authority of the board.

f746b4141c73dc8d0ebbcd329691d9f9deee17ccd595dc698853ea4a885446f3

Signed by: Dr. V.M.Motghare
Joint Director (Air Pollution Control)
For and on behalf of,
Maharashtra Pollution Control Board
jdair@mpcb.gov.in
2023-07-07 15:45:12 IST

Received Consent fee of -

Sr.No	Amount(Rs.)	Transaction/DR.No.	Date	Transaction Type
1	500000.00	MPCB-DR-19806	22/06/2023	RTGS

Copy to:

1. Regional Officer, MPCB, Aurangabad and Sub-Regional Officer, MPCB, Jalna
- They are directed to ensure the compliance of the consent conditions.
2. Chief Accounts Officer, MPCB,Sion, Mumbai
3. SRO Jalna - is directed to submit monthly progress report after verification

SCHEDULE-I

Terms & conditions for compliance of Water Pollution Control:

1. A] Generation - As per your application the treated effluent generation is Nil.
   B] Treatment - NA
   C] Disposal - NA

2. A] As per your application, you have provided Septic Tank followed by Soak pit for the treatment of 12.0 CMD of sewage.

   B] The Applicant shall operate the sewage treatment system to treat the sewage so as to achieve the following standards.

Sr.No	Parameters	Standards (mg/l)	
1	Suspended Solids	Not to exceed	50
2	BOD 3 days 27°C	Not to exceed	30
3	COD	Not to exceed	100

   C] The treated sewage shall be recycled for secondary purposes to the maximum extent and remaining shall be discharged on land for gardening within premise after confirming above standards. In no case, sewage shall find its way outside factory premises.

3. The Board reserves its rights to review plans, specifications or other data relating to plant setup for the treatment of waterworks for the purification there of & the system for the disposal of sewage or trade effluent or in connection with the grant of any consent conditions. The Applicant shall obtain prior consent of the Board to take steps to establish the unit or establish any treatment and disposal system or an extension or addition thereto.
4. The industry shall ensure replacement of pollution control system or its parts after expiry of its expected life as defined by manufacturer so as to ensure the compliance of standards and safety of the operation thereof.
5. The Applicant shall comply with the provisions of the Water (Prevention & Control of Pollution) Act, 1974 and as amended, by installing water meters and other provisions as contained in the said act:

Sr. No.	Purpose for water consumed	Water consumption quantity (CMD)
1.	Industrial Cooling, spraying in mine pits or boiler feed	70.00
2.	Domestic purpose	15.00
3.	Processing whereby water gets polluted & pollutants are easily biodegradable	0.00
4.	Processing whereby water gets polluted & pollutants are not easily biodegradable and are toxic	0.00
5.	Gardening	5

6. The Applicant shall provide Specific Water Pollution control system as per the conditions of EP Act, 1986 and rule made there under from time to time/ Environmental Clearance/ CREP guidelines.

SCHEDULE-II

Terms & conditions for compliance of Air Pollution Control:

1. As per your application, you have provided the Air pollution control (APC) system and erected following stack (s) to observe the following fuel pattern:

Stack No.	Source	APC System provided/proposed	Stack Height(in mtr)	Type of Fuel	Sulphur Content(in %)	Pollutant	Standard
1	Induction Furnace (30 T)	Primary & Secondary Fume Extraction system shall be provided followed by Ventury scrubber	33.00	Electricity 0 --NA--	-	TPM	100 Mg/Nm^3
2	DG set of 500 KVA	Acoustic Enclosure	4.50	HSD 30.0 Ltr/Hr	1	SO2	14.40 Kg/Day
						TPM	100 Mg/Nm^3

2. The Applicant shall provide Specific Air Pollution control equipments as per the conditions of EP Act, 1986 and rule made there under from time to time/ Environmental Clearance / CREP guidelines.
3. The Applicant shall obtain necessary prior permission for providing additional control equipment with necessary specifications and operation thereof or alteration or replacement/alteration well before its life come to an end or erection of new pollution control equipment.
4. The Board reserves its rights to vary all or any of the condition in the consent, if due to any technological improvement or otherwise such variation (including the change of any control equipment, other in whole or in part is necessary).

SCHEDULE-III

Details of Bank Guarantees:

Sr. No.	Consent (C2E/ C2O /C2R)	Amt of BG Imposed	Submission Period	Purpose of BG	Compliance Period	Validity Date
1	Renewal of Consent to Operate	Rs. 10.0 Lakh	15 days	Towards provision of secondary fume extraction systems.	06 Months	One Year.
2	Renewal of Consent to Operate	Rs. 5.0 Lakh	15 days	Towards O & M of pollution control systems and compliance of Consent conditions.	Continuous.	31/12/2028.

BG Forfeiture History

Srno.	Consent (C2E/C2O/C2R)	Amount of BG imposed	Submission Period	Purpose of BG	Amount of BG Forfeiture	Reason of BG Forfeiture
NA						

BG Return details

Srno.	Consent (C2E/C2O/C2R)	BG imposed	Purpose of BG	Amount of BG Returned
NA				

SCHEDULE-IV
General Conditions:

1. The Energy source for lighting purpose shall preferably be LED based
2. The PP shall harvest rainwater from roof tops of the buildings and storm water drains to recharge the ground water and utilize the same for different industrial applications within the plant
3. Conditions for D.G. Set
   a) Noise from the D.G. Set should be controlled by providing an acoustic enclosure or by treating the room acoustically.
   b) Industry should provide acoustic enclosure for control of noise. The acoustic enclosure/ acoustic treatment of the room should be designed for minimum 25 dB (A) insertion loss or for meeting the ambient noise standards, whichever is on higher side. A suitable exhaust muffler with insertion loss of 25 dB (A) shall also be provided. The measurement of insertion loss will be done at different points at 0.5 meters from acoustic enclosure/room and then average.
   c) Industry should make efforts to bring down noise level due to DG set, outside industrial premises, within ambient noise requirements by proper sitting and control measures.
   d) Installation of DG Set must be strictly in compliance with recommendations of DG Set manufacturer.
   e) A proper routine and preventive maintenance procedure for DG set should be set and followed in consultation with the DG manufacturer which would help to prevent noise levels of DG set from deteriorating with use.
   f) D.G. Set shall be operated only in case of power failure.
   g) The applicant should not cause any nuisance in the surrounding area due to operation of D.G. Set.
   h) The applicant shall comply with the notification of MoEFCC, India on Environment (Protection) second Amendment Rules vide GSR 371(E) dated 17.05.2002 and its amendments regarding noise limit for generator sets run with diesel.
4. The applicant shall maintain good housekeeping.
5. The non-hazardous solid waste arising in the factory premises, sweepings, etc. be disposed of scientifically so as not to cause any nuisance / pollution. The applicant shall take necessary permissions from civic authorities for disposal of solid waste.
6. The applicant shall not change or alter the quantity, quality, the rate of discharge, temperature or the mode of the effluent/emissions or hazardous wastes or control equipments provided for without previous written permission of the Board. The industry will not carry out any activity, for which this consent has not been granted/without prior consent of the Board.
7. The industry shall ensure that fugitive emissions from the activity are controlled so as to maintain clean and safe environment in and around the factory premises.
8. The industry shall submit quarterly statement in respect of industries obligation towards consent and pollution control compliance's duly supported with documentary evidences (format can downloaded from MPCB official site).
9. The industry shall submit official e-mail address and any change will be duly informed to the MPCB.
10. The industry shall achieve the National Ambient Air Quality standards prescribed vide Government of India, Notification No. B-29016/20/90/PCI-L dated. 18.11.2009 as amended.
11. The Board reserves its rights to review plans, specifications or other data relating to plant setup for the treatment of waterworks for the purification thereof & the system for the disposal of sewage or trade effluent or in connection with the grant of any consent conditions. The Applicant shall obtain prior consent of the Board to take steps to establish the unit or establish any treatment and disposal system or an extension or addition thereto.

12. The industry shall ensure replacement of pollution control system or its parts after expiry of its expected life as defined by manufacturer so as to ensure the compliance of standards and safety of the operation thereof.
13. The PP shall provide personal protection equipment as per norms of Factory Act
14. Industry should monitor effluent quality, stack emissions and ambient air quality monthly/quarterly.
15. Whenever due to any accident or other unforeseen act or even, such emissions occur or is apprehended to occur in excess of standards laid down, such information shall be forthwith Reported to Board, concerned Police Station, office of Directorate of Health Services, Department of Explosives, Inspectorate of Factories and Local Body. In case of failure of pollution control equipments, the production process connected to it shall be stopped.
16. The applicant shall provide an alternate electric power source sufficient to operate all pollution control facilities installed to maintain compliance with the terms and conditions of the consent. In the absence, the applicant shall stop, reduce or otherwise, control production to abide by terms and conditions of this consent.
17. The industry shall recycle/reprocess/reuse/recover Hazardous Waste as per the provision contain in the Hazardous and Other Wastes (M & TM) Rules 2016, which can be recycled /processed /reused /recovered and only waste which has to be incinerated shall go to incineration and waste which can be used for land filling and cannot be recycled/reprocessed etc. should go for that purpose, in order to reduce load on incineration and landfill site/environment.
18. An inspection book shall be opened and made available to the Board's officers during their visit to the applicant.
19. Industry shall strictly comply with the Water (P&CP) Act, 1974, Air (P&CP) Act, 1981 and Environmental Protection Act, 1986 and industry specific standard under EP Rules 1986 which are available on MPCB website (www.mpcb.gov.in).
20. Separate drainage system shall be provided for collection of trade and sewage effluents. Terminal manholes shall be provided at the end of the collection system with arrangement for measuring the flow. No effluent shall be admitted in the pipes/sewers downstream of the terminal manholes. No effluent shall find its way other than in designed and provided collection system.
21. Neither storm water nor discharge from other premises shall be allowed to mix with the effluents from the factory.
22. The industry should not cause any nuisance in surrounding area.
23. The industry shall take adequate measures for control of noise levels from its own sources within the premises so as to maintain ambient air quality standard in respect of noise to less than 75 dB (A) during day time and 70 dB (A) during night time. Day time is reckoned in between 6 a.m. and 10 p.m. and night time is reckoned between 10 p.m. and 6 a.m.
24. The industry shall create the Environmental Cell by appointing an Environmental Engineer, Chemist and Agriculture expert for looking after day to day activities related to Environment and irrigation field where treated effluent is used for irrigation.
25. The applicant shall provide ports in the chimney/(s) and facilities such as ladder, platform etc. for monitoring the air emissions and the same shall be open for inspection to/and for use of the Board's Staff. The chimney(s) vents attached to various sources of emission shall be designated by numbers such as S-1, S-2, etc. and these shall be painted/ displayed to facilitate identification.

26. The industry should comply with the Hazardous and Other Wastes (M & TM) Rules, 2016 and submit the Annual Returns as per Rule 6(5) & 20(2) of Hazardous and Other Wastes (M & TM) Rules, 2016 for the preceding year April to March in Form-IV by 30th June of every year.
27. The applicant shall install a separate meter showing the consumption of energy for operation of domestic and industrial effluent treatment plants and air pollution control system. A register showing consumption of chemicals used for treatment shall be maintained.
28. The applicant shall bring minimum 33% of the available open land under green coverage/ plantation. The applicant shall submit a yearly statement by 30th September every year on available open plot area, number of trees surviving as on 31st March of the year and number of trees planted by September end.
29. The Board reserves its rights to review plans, specifications or other data relating to plant setup for the treatment of waterworks for the purification thereof & the system for the disposal of sewage or trade effluent or in connection with the grant of any consent conditions.
30. The firm shall submit to this office, the 30th day of September every year, the Environment Statement Report for the financial year ending 31st March in the prescribed FORM-V as per the provisions of Rule 14 of the Environment (Protection) (second Amendment) Rules, 1992.
31. The Applicant shall obtain necessary prior permission for providing additional control equipment with necessary specifications and operation thereof or alteration or replacement/alteration well before its life come to an end or erection of new pollution control equipment.
32. The Board reserves its rights to vary all or any of the condition in the consent, if due to any technological improvement or otherwise such variation (including the change of any control equipment, other in whole or in part is necessary).
33. The applicant shall provide facility for collection of environmental samples and samples of trade and sewage effluents, air emissions and hazardous waste to the Board staff at the terminal or designated points and shall pay to the Board for the services rendered in this behalf.

This certificate is digitally & electronically signed.

Annexure 4: Air quality monitoring reports.