



Ref. No.....

Dated.....  
11.11.2024

To,  
The Additional Director,  
Ministry of Environment, Forest & Climate Change,  
Regional Office (North)  
Government of India,  
Bay No. 24-25, Sector – 31 A,  
Chandigarh.

(Mail ids.: [eccompliance-nro@gov.in](mailto:eccompliance-nro@gov.in) and [ronz.chd-mef@nic.in](mailto:ronz.chd-mef@nic.in))

**Subject: Submission of Six Monthly Compliance Report for period ending 30.09.2024 for the Steel Manufacturing Unit namely "M/s Jagat Metals Pvt. Ltd." located at Village Ambey Majra, Near 220 K.V. Power house, Mandi Gobindgarh, Tehsil Amloh, District Fatehgarh Sahib, Punjab.**

Sir,

With reference to the EIA Notification & its amendments regarding submission of six monthly compliance report, we are hereby submitting the six monthly compliance report for period ending 30.09.2024 for the above said project in soft copy through mail for your perusal.

Kindly acknowledge the receipt of the same.

Thanking you.

Sincerely,

For M/s Jagat Metals Pvt. Ltd.

(Authorized Signatory)

Name: Joginder Pal Singla

Contact No.: 9988900846

Designation: Director

Email: [jagatmpl@yahoo.com](mailto:jagatmpl@yahoo.com)

CC to:

1. **Member Secretary**, SEIAA Punjab, PBTI Complex, Knowledge City, Sector 81, SAS Nagar-140306 (Upload on Parivesh Portal and through e-mail [seiaapb2017@gmail.com](mailto:seiaapb2017@gmail.com))

2. **Environmental Engineer**, Punjab Pollution Control Board, Regional Office, RIMT Management College, Mandi Gobindgarh, Distt. Fatehgarh Sahib, Punjab (mail id:

Regd. Office & Works: Village AMBEYMAJRA, Near 220 K.V. Power House, MANDI GOBINDGARH-147 301 (Pb.)  
Godown : G. T. Road, Sirhind Side, Opp. Old Sall Yard, MANDI GOBINDGARH-147 301 (Pb.)

2024

# **SIX MONTHLY COMPLIANCE REPORT**

**(Period ending 30.09.2024)**

F

OR

For

**M/s Jagat Metals Pvt. Ltd.**

at

**Village Ambey Majra,  
Near 220 K.V. Power House,  
Mandi Gobindgarh, Tehsil Amloh,  
District Fatehgarh Sahib, Punjab**

**Prepared by:**



**Eco Paryavaran Laboratories & Consultants Private  
Limited**

**E-207, Industrial Area, Phase-VIII B (Sector-74), SAS Nagar (Mohali)  
Punjab.**

[www.ecoparyavaran.org](http://www.ecoparyavaran.org)

Phone: 0172-4616225, 8872043178



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**Ministry of Environment, Forests & Climate Change**  
**Northern Region Office**  
**Chandigarh-160030**

**Data sheet**

1.	<b>Project Type</b>	3(a): Metallurgical Industries (Ferrous & Non-Ferrous alloys)
2.	<b>Name of the Project</b>	M/s Jagat Metals Pvt. Ltd.
3.	<b>Clearance letter (s) O.M. No. &amp; Date</b>	Environment Clearance granted by SEIAA, Punjab vide Letter No. SEIAA/2019/754 dated 22.08.2019; copy of same is enclosed as <b>Annexure 1</b> .
4.	<b>Location</b>	<b>M/s Jagat Metals Pvt. Ltd.</b> Village Ambey Majra, Near 220 K.V. Power House, Mandi Gobindgarh, Tehsil Amloh, District Fatehgarh Sahib, Punjab
a)	<b>District(s)</b>	Fatehgarh Sahib
b)	<b>State(s)</b>	Punjab
5.	<b>Address for correspondence</b>	<b>M/s Jagat Metals Pvt. Ltd.</b> Village Ambey Majra, Near 220 K.V. Power House, Mandi Gobindgarh, Tehsil Amloh, District Fatehgarh Sahib, Punjab
6.	<b>Salient features</b>	
a)	<b>Of the Project</b>	As per the Environmental Clearance, total area of the project after expansion will be 3.81 acres. After expansion, the production capacity of the industrial unit will become @ 170 TPD of Steel Ingots/Billets with 2 Induction Furnaces of capacity 6 TPH and 8 TPH.
b)	<b>Of the environment</b>	As per the Environmental Clearance, after expansion total water requirement of the project will be 41.5 KLD, out of which, 3.5 KLD will be the domestic water demand and 10 KLD will be makeup water demand for cooling purpose. Water requirement will be met through borewells. Domestic wastewater generation from the project is estimated to be 2.8 KLD which will be treated in proposed STP of capacity 5 KLD installed within project premises and treated water will be reused for cooling purpose/green area for horticulture purpose. The total power requirement for the project will be 6,200 KW which will be supplied by PSPCL. 1 DG set of 82.5 KVA has been proposed for power backup.
7.	<b>Breakup of the Project Area</b>	

a)	Submergence area	Not applicable																					
8.	Break up of project affected population with enumeration of those losing houses/ dwelling units only, agricultural land only both dwelling units and agricultural land and landless laborers/ land landless laborers/ artisans.	Not applicable																					
a)	SC/ST/ Adivasis	Not applicable																					
b)	Others (Please indicate whether these figures are base on any scientific and systematic survey carried out or only provisional figures. if a survey has been carried out give details and year of survey)	Not applicable																					
9.	Financial details																						
a)	Project cost as originally planned and subsequent revised estimates and the year of price reference.	Rs. 8.37 Crores as per the EC letter. Revised cost of the project is Rs. 10.6 Crores.																					
b)	Allocations made for environmental management plan with item wise and year of assessment.	<p>Allocations made for environment management plan is given below with breakup:</p> <table border="1"> <thead> <tr> <th>Title</th> <th>Capital Cost (Rs. Lakhs)</th> <th>Recurring Cost (Rs. Lakhs)</th> </tr> </thead> <tbody> <tr> <td>Air Pollution Control (installation of APCD)</td> <td>40</td> <td>0.5</td> </tr> <tr> <td>Noise Pollution Control (Including cost of landscaping &amp; green belt)</td> <td>5</td> <td>1.5</td> </tr> <tr> <td>Solid Waste Management</td> <td>3</td> <td>1</td> </tr> <tr> <td>Water Pollution Control (STP)</td> <td>5</td> <td>0.5</td> </tr> <tr> <td>Environment Monitoring and Management</td> <td>3</td> <td>5</td> </tr> <tr> <td>Health, safety and Risk</td> <td>3</td> <td>0.5</td> </tr> </tbody> </table>	Title	Capital Cost (Rs. Lakhs)	Recurring Cost (Rs. Lakhs)	Air Pollution Control (installation of APCD)	40	0.5	Noise Pollution Control (Including cost of landscaping & green belt)	5	1.5	Solid Waste Management	3	1	Water Pollution Control (STP)	5	0.5	Environment Monitoring and Management	3	5	Health, safety and Risk	3	0.5
Title	Capital Cost (Rs. Lakhs)	Recurring Cost (Rs. Lakhs)																					
Air Pollution Control (installation of APCD)	40	0.5																					
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Solid Waste Management	3	1																					
Water Pollution Control (STP)	5	0.5																					
Environment Monitoring and Management	3	5																					
Health, safety and Risk	3	0.5																					

		Assessment		
		Rain Water Recharging outside the project premises	1.5	0.55
		Miscellaneous	1	0.5
		<b>Total</b>	<b>61.5</b>	<b>10.05</b>
c)	<b>Benefit cost ratio/ Internal rate of return and year of assessment.</b>	Will be submitted separately.		
d)	<b>Whether (c) includes the cost of environmental management as shown in (b) above.</b>	Yes.		
e)	<b>Actual expenditure incurred on the project so far.</b>	All the expenditure has been done on the project w.r.t EC granted.		
f)	<b>Actual expenditure incurred on the environmental management plans so far.</b>	Actual expenditure done on Environment Management plan is approx. Rs. 82.7 lakhs till 30.09.2024.		
10.	<b>Forest lands requirement:</b>			
a)	<b>The status of approval for diversion of forest land for non forestry use.</b>	Not applicable, as no forest land is involved.		
b)	<b>The status of clear felling.</b>	Not applicable		
c)	<b>The status of compensatory a forestation programmer in the light of actual field experience so far.</b>	Not applicable		
11.	<b>The status of clear felling in non forest areas (such as submergence area of reservoir, approach road) if any, with quantitative information.</b>	Not applicable		
12.	<b>Status of construction</b>			
a)	<b>Date of commencement (actual and/or planned).</b>	December, 2019		
b)	<b>Date of completion (actual and/ or planned).</b>	July, 2020		
13.	<b>Reasons for the delay if the project is yet to start:</b>	Not applicable		

**Compliance Report on conditions imposed in Environmental Clearance for period ending 30.09.2024**

**I. Statutory compliance**

<b>S. No.</b>	<b>Compliance conditions</b>	<b>Reply</b>
i.	The project proponent shall obtain forest clearance under the provisions of Forest (Conservation) Act, 1986, in case of the diversion of forest land for non-forest purpose involved in the project.	Not applicable, as no forest land is involved.
ii.	The project proponent shall obtain clearance from the National Board for Wildlife, if applicable.	Clearance from the National Board for Wildlife is not required as no Wildlife Sanctuary falls within 10 km radius of the project location.
iii.	The project proponent shall prepare a Site-Specific Conservation Plan & Wildlife Management Plan and approved by the Chief Wildlife Warden. The recommendations of the approved Site-Specific Conservation Plan/ Wildlife Management Plan shall be implemented in consultation with the State Forest Department. The implementation report shall be furnished along with the six-monthly compliance report, (in case of the presence of schedule-I species in the study area).	Not applicable as no schedule-I species falls within 10 km study area.
iv.	The project proponent shall obtain Consent to Establish/ Operate under the provisions of Air (Prevention & Control of Pollution) Act, 1981 and the Water (Prevention & Control of Pollution) Act, 1974 from the concerned State pollution Control Board/ Committee.	Consent to Establish for Expansion has been obtained prior to installation of new Induction Furnaces & other machinery. Further, Consent to Operate has been obtained from PPCB for increased production capacity w.r.t EC granted; copy of the same is enclosed as <b>Annexure 2.</b>
i.	The project proponent shall obtain the necessary permission from the Central Ground Water Authority, in case of drawl of groundwater from the competent authority concerned in case of drawl of surface water required for the project. In case of non-grant of permission by CGWA for ground water abstraction, the industry shall make	Ad-interim Permission has been obtained from PWRDA regarding ground water abstraction; copy of the permission is enclosed as <b>Annexure 3.</b>

	alternative arrangements by using surface water or treated city sewage effluent after obtaining permission from the competent authority.	
v.	The project proponent shall obtain authorization under the Hazardous and other Waste Management Rules, 2016 as amended from time to time.	Authorization for hazardous waste has been obtained from PPCB; copy of the same is enclosed as <b>Annexure 4</b> .
vi.	The project proponent shall comply with the siting criteria, standard operating practices, code of practice and guidelines if any prescribed by the SPCB/CPCB/MoEF&CC for such type of units.	Industrial unit has complied all the siting criteria's, standard operating practices, code of practice and guidelines as prescribed by CPCB/PPCB/MoEF&CC for such type of units.
vii.	The project proponent shall comply with conditions imposed by the District Town Planner, Fatehgarh Sahib vide Memo No. 38 dated 11.01.2019 & 501 dated 06.05.2019.	Conditions imposed by the District Town Planner are already being complied.

## II. Air quality monitoring and preservation

S. No.	Compliance conditions	Reply
i.	The project proponent shall install 24x7 continuous emission monitoring system at process stacks to monitor stack emission with respect to standards prescribed in Environment (Protection) Rules 1986 vide G.S.R 277 (E) dated 31 <sup>st</sup> March 2012 (applicable to IF/EAF) as amended from time to time; S.O. 3305 (E) dated 7 <sup>th</sup> December 2015 (Thermal Power Plants) as amended from time to time) and connected to SPCB and CPCB online servers and calibrate these systems from time to time according to equipment supplier specification through labs recognized under Environment (Protection) Act, 1986 or NABL accredited laboratories.	Online Continuous Emission Monitoring System (OCEMS) has been installed on both Induction Furnaces of capacity 6 TPH and 8 TPH; completion certificate for installation of OCEMS is enclosed as <b>Annexure 5(a)</b> . Photographs of the OCEMS installed in enclosed as <b>Annexure 6</b> . Further, stack monitoring has been done by PPCB.
ii.	The project proponent shall monitor fugitive emissions in the plant premises at least once in every quarter through laboratories recognized under Environment (Protection) Act, 1986 or NABL accredited laboratories.	Work zone monitoring will be done to monitor the fugitive emissions on quarterly basis by NABL accredited laboratory
iii.	The project proponent shall install a system carry out continuous Ambient Air Quality	4 no. of AAQMS have been installed; completion certificate is enclosed as

	monitoring for common/criterion parameters relevant to the main pollutants released (e.g. PM <sub>10</sub> and PM <sub>2.5</sub> in reference to PM emission, and SO <sub>2</sub> and NO <sub>x</sub> in reference to SO <sub>2</sub> and NO <sub>x</sub> emissions) within and outside the plant area (at least at four locations one within and three outside the plant area at an angle of 120° each), covering upwind and downwind directions. (case to case basis small plants: Manual; Large plants: Continuous).	<b>Annexure 7.</b> Further, monitoring of ambient air quality has been done by NABL accredited laboratory. Recent Test reports are enclosed as <b>Annexure 8.</b>
iv.	The project proponent shall submit monthly summary report of continuous stack emission and air quality monitoring and results of manual stack monitoring and manual monitoring of air quality/ fugitive emissions to the Regional Office of MoEF&CC, Zonal office of CPCB and Regional Office of SPCB along with six-monthly monitoring report.	Agreed. Monitoring of ambient air quality is being done on half yearly basis by NABL accredited laboratory and submitted to Regional Office, MoEF&CC, SEIAA, Punjab and Regional Office, PPCB with six monthly compliance report.
v.	Appropriate Air Pollution Control (APC) system shall be provided for all the dust-generating points including fugitive dust from all vulnerable sources.	Pulse jet bag filter with side suction hood has been provided on both Induction Furnaces as per the designed approved by Punjab State Council for Science & Technology; completion certificate for installation of APCD is enclosed as <b>Annexure 5(b).</b>
vi.	The project proponent shall provide leakage detection and mechanized bag cleaning facilities for better maintenance of bags.	Leakage detection and bag cleaning facilities have been provided.
vii.	Sufficient number of mobile or stationery vacuum cleaners shall be provided to clean plant roads, shop floors, roofs, etc. regularly.	Agreed.
viii.	Recycle and reuse of iron ore fines, coal and coke fines, lime fines and such other fines collected in the pollution control devices and vacuum cleaning devices in the process after briquetting/ agglomeration.	Agreement has been done with authorized vendor for disposal of hazardous waste
ix.	The project proponent shall use leak proof trucks/dumpers carrying coal and other raw materials and cover them with tarpaulin.	Trucks are covered with tarpaulin while carrying the raw materials i.e. scrap.
x.	The project proponent shall provide covered sheds for raw materials like scrap and sponge iron, lump ore, coke, coal, etc.	Raw materials are being kept in the covered sheds only.
xi.	The project proponent shall provide primary and secondary fume extraction system at all	Fume extraction system has been provided at all melting furnaces.

	melting furnaces.	
xii.	Design and ventilation system for adequate air changes as per the ACGIH document for all tunnels, motor houses, Oil Cellars.	Agreed.

### III. Water Quality Monitoring and Preservation

S. No.	Compliance conditions	Reply
i.	The project proponent shall install 24x7 continuous effluent monitoring system with respect to standards prescribed in Environment (Protection) Rules 1986 vide G.S.R 277 (E) dated 3151 March 2012 (applicable to IF/EAF) as amended from time to time; S.O. 3305 (E) dated 7th December 2015 (Thermal Power Plants) as amended from time to time) and connected to SPCB and CPCB online servers and calibrate these system from time to time according to equipment supplier specification through labs recognized under Environment (Protection) Act, 1986 or NABL accredited laboratories. (case to case basis small plants: Manual; Large plants: Continuous)	Not applicable as no industrial effluent is being generated from the unit. Only domestic wastewater is being generated which is being discharged into MC sewer connected.
ii.	The project proponent shall monitor regularly ground water quality at least twice a year (pre and post-monsoon) at sufficient numbers of piezometers/sampling wells in the plant and adjacent areas through labs recognized under Environment (Protection) Act, 1986 and NABL accredited laboratories.	Ground water quality has been monitored by NABL accredited laboratory and results are found within the permissible limit. Test reports are enclosed as <b>Annexure 8</b> .
iii.	The project proponent shall submit monthly summary report of continuous effluent monitoring and results of manual effluent testing and manual monitoring of ground water quality to Regional Office of MoEF&CC, Zonal office of CPCB and Regional Office of SPCB along with six-monthly monitoring report.	Not applicable as no industrial effluent is being generated from the unit. Only domestic wastewater is being generated which is being discharged into MC sewer connected.
iv.	Adhere to 'Zero Liquid Discharge'.	There is no generation of industrial effluent from the unit. Only domestic wastewater is being generated which is discharged into MC sewer connected.
v.	Sewage Treatment Plant shall be provided for treatment of domestic wastewater to meet the prescribed standards.	STP has not been installed within project premises, as domestic wastewater is being discharged into MC sewer connected.

vi.	The project proponent shall provide the ETP for effluents of rolling mills to meet the standards prescribed in G.S.R 277 (E) 31 <sup>st</sup> March 2012 (applicable to IF/EAF) as amended from time to time.	Not applicable, as no industrial effluent is being generated from the unit.
vii.	Garland drains and collection pits shall be provided for each stock pile to arrest the run-off in the event of heavy rains and to check the water pollution due to surface run off.	Proper drainage system has been provided to collect the run-off.
viii.	The project proponent shall practice rainwater harvesting to the maximum possible extent. The project proponent shall not adopt ground water recharge within plant premises to avoid underground contamination due to deposition of pollutants on roof top being highly dense industrial area. As committed, the industry shall adopt village Pond having 8093.71 sq.m located in the Village Bhmarsi Jer, Block Sirhind, Mandi Gobindgarh for harvesting of 36,444 m <sup>3</sup> of rain water. As an additional safety measure, the stream carrying waste water of the village shall be diverted in one corner of Phytoid plants trench (designed based on the technology developed by CSIR-NEERI's) divided in different parts, the overflow of each chamber shall be allowed to enter into another chamber which will ultimately lead to purification of water and collected into pond to avoid any contamination of ground water aquifer. Pond water will percolate through natural strata (without injection) to augment the ground water and remaining water shall be used for irrigation purposes by pumping method in the nearby fields.	No rain water recharging pits has been provided within project premises. Thus, rain water recharging has been done outside of project premises by adopting pond. In this regard, Rs. 55,000/- has been given to Gram Panchayat of Village Bhmarsi Jer, Block Sirhind, Mandi Gobindgarh for pond maintenance. NOC has been obtained from Sarpanch of the Village Bhmarsi Jer regarding the same; copy of the same is enclosed as <b>Annexure 9(a)</b> . Further, in addition of the above, rain water recharging pits have been constructed in Govt. School of Village Ambey Majra, Mandi Gobindgarh. Photographs showing the constructed rain water recharging pits are enclosed as <b>Annexure 9(b)</b> .
ix.	The project proponent shall make efforts to minimize water consumption in the steel plant complex by segregation of used water, practicing cascade use and by recycling treated water.	Water consumption is kept minimum in the unit. In addition to this, Induction Furnaces are installed which consume less water.

#### IV. Noise Monitoring and Prevention

S. No.	Compliance conditions	Reply
i.	Noise level survey shall be carried as per the prescribed guidelines and the report in this	Monitoring of ambient noise has been done by NABL accredited laboratory

	regard shall be submitted to the Regional Officer of the Ministry as a part of six- monthly compliance report.	and results are found within the permissible limit. Test reports are enclosed as <b>Annexure 8.</b>
ii.	The ambient noise levels should conform to the standards prescribed under E(P)A Rules, 1986 viz. 75 dB(A) during day time and 70 dB(A) during night time.	Results of ambient noise monitoring are found within permissible limit.

#### V. Energy Conservation Measures

S. No.	Compliance conditions	Reply
i.	The project proponent shall provide waste heat recovery system (pre-heating of combustion air) at the flue gases of reheating furnaces.	Not applicable, as no reheating Furnace has been installed.
ii.	Practice hot charging of slabs and billets/ blooms as far as possible.	Not applicable.
iii.	Ensure installation of regenerative type burners on all reheating furnaces.	Not applicable.
iv.	Provide solar power generation on rooftops of buildings, solar light system for all common areas, street lights, parking around project area and maintain the same regularly.	Agreed.
v.	The project proponent shall provide the for LED lights in their offices and residential areas.	LED lights have been provided in offices and sheds within the project premises.

#### VI. Waste Management

S. No.	Compliance conditions	Reply
i.	Used refractories shall be recycled as far as possible.	Agreed. The same is being practiced.
ii.	Oily scum and metallic sludge recovered from rolling mills ETP shall be mixed, dried, and briquetted and reused melting Furnaces.	Not applicable, as no industrial effluent is being generated from the unit.
iii.	100% utilization of fly ash shall be ensured. All the fly ash shall be provided to cement and brick manufacturers for further utilization and Memorandum of Understanding in this regard shall be submitted to the Ministry's Regional Office.	There is generation of APCD dust from the industrial unit which is being given to M/s R.P. Multimetals Pvt. Ltd. Agreement has been done in this regard and copy of the same is enclosed as <b>Annexure 10.</b> Further, non-hazardous slag generated from the industrial unit is being given for co- processing.
iv.	The waste oil, grease and other hazardous waste shall be disposed of as per the	Authorization of hazardous waste has been obtained from PPCB; copy of the

	Hazardous & Other waste (Management & Transboundary Movement) Rules, 2016.	same is enclosed as <b>Annexure 4</b> . Further, agreement has been done with M/s R.P. Multimetals Pvt. Ltd. for disposal of APCD dust; copy of the agreement is enclosed as <b>Annexure 10</b> .
v.	Kitchen waste shall be composted or converted to biogas for further use. (to be decided on case to case basis depending on type and size of plant).	Agreed.

#### VII. Green Belt

S. No.	Compliance conditions	Reply
i.	Green belt shall be developed in an area equal to 33% of the plant area with a native tree species (having wide canopy type structure and especially trees not grass) in accordance with CPCB guidelines. The greenbelt shall inter alia cover the entire periphery of the plant as assured during the presentation. The industry shall ensure that most of the periphery shall be provided with green belt by removing the unwanted/non-productive structures already provided in the existing project near the boundary wall. Wide canopy trees shall also be planted around the parking area to provide shade to the parked vehicles.	Agreed. Adequate green area has been provided within project premises. Photographs showing the green area are enclosed as <b>Annexure 6</b> .
ii.	The additional land of 0.41 acres proposed to be added for the expansion project to fulfill the 33% requirement of green belt shall not be used for any other purpose.	Agreed.
iii.	The project proponent shall prepare GHG emissions inventory for the plant and shall submit the program for reduction of the same including carbon sequestration including plantation.	Agreed.

#### VIII. Public Hearing and Human Health issues

S. No.	Compliance conditions	Reply
i.	Emergency preparedness plan based on the Hazard identification and Risk Assessment (HIRA) and Disaster Management Plan shall be implemented.	Emergency plan has been prepared considering the possible hazards, Risk Assessment and Disaster Management. CO2 fire extinguishers

		has been provided in the existing unit.												
ii.	The project proponent shall carry out heat stress analysis for the workmen who work in high temperature work zone and provide Personal Protection Equipment (PPE) as per the norms of Factory Act.	Personal Protection Equipment (PPE) has been provided to workers for safety. Further, heat stress analysis will be done for workers working in high temperature work zone.												
iii.	Provision shall be made for the housing of construction labour within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, mobile STP, safe drinking water, medical health care, crèche etc. The housing may be in the form of temporary structures to be removed after the completion of the project.	Not applicable, as no construction was going on.												
iv.	Occupational health surveillance of the workers shall be done on a regular basis and records maintained as per the Factories Act.	All the workers are covered under ESI Scheme. Regular health checkup of the workers is being done and record of the same are maintained.												
v.	The project proponent shall carry out the following activities apart from CER activities and spent an amount as committed during the public hearing as per the public hearing.	Activities undertaken as committed during public hearing are given below: <ul style="list-style-type: none"> <li>Rs. 1,73,400/- have been spent on the construction of toilets in Govt. Girls School at Village Chattarpur.</li> <li>Rs. 2,11,390 /- have been spent on construction of shed in cremation ground of Village Ambey Majra.</li> </ul>												
	<table border="1"> <thead> <tr> <th>Sr. No.</th> <th>Expenditure on Public Hearing Action Plan</th> <th>Expenditure (in Rs.)</th> </tr> </thead> <tbody> <tr> <td>1.</td> <td>Providing toilets in the Govt. Girls School located in the Village Chattarpur.</td> <td>2,75,000</td> </tr> <tr> <td>2.</td> <td>Construction of shed in cremation ground of Village Ambey Majra.</td> <td>2,00,000</td> </tr> <tr> <td></td> <td><b>Total</b></td> <td><b>4,75,000</b></td> </tr> </tbody> </table>	Sr. No.	Expenditure on Public Hearing Action Plan	Expenditure (in Rs.)	1.	Providing toilets in the Govt. Girls School located in the Village Chattarpur.	2,75,000	2.	Construction of shed in cremation ground of Village Ambey Majra.	2,00,000		<b>Total</b>	<b>4,75,000</b>	
Sr. No.	Expenditure on Public Hearing Action Plan	Expenditure (in Rs.)												
1.	Providing toilets in the Govt. Girls School located in the Village Chattarpur.	2,75,000												
2.	Construction of shed in cremation ground of Village Ambey Majra.	2,00,000												
	<b>Total</b>	<b>4,75,000</b>												

**IX. Corporate Environment Responsibility: -**

S. No.	Compliance conditions	Reply
i.	The project proponent shall comply with the provisions contained in this	CER activities as

Ministry's OM vide F. No. 22-65/2017-IA.III dated 1st May 2018, as applicable, regarding Corporate Environment Responsibility. The project proponent shall adhere to the commitments made in the proposal for CER activities for spending atleast minimum amount of Rs. 3 Lacs towards following CER activities:

S. No.	CER Activities	Annual Expenditure (in Lakhs)	Timeline	Total Expenditure in 6 months (in Lakhs)
1.	Education-maintenance of Building of Govt. High School located at village Ambey Majra & providing uniform to the poor & needy students	1,50,000	Within six months from grant of EC	1,50,000
2.	Electrification- Provide & install solar street lights in Village Ambey Majra	1,00,000	Within six months from grant of EC	1,00,000
3.	Plantation along Village Ambey Majra Rivulet	50,000	Within six months from grant of EC	50,000
<b>Total</b>		<b>3,00,000</b>		<b>3,00,000</b>

However, CER activities shall strictly be in accordance with the activities listed out in the OM dated 01.05.2018 and as per the proposal submitted by the project proponent. The amount to be spent on CER activities shall be proportionate to the amount spent on project & such activities shall run parallel to the project execution. All the activities must be completed with the completion of the project.

committed are being undertaken. Details of the same are given below:

- Rs. 1,11,444/- spent on maintenance of Building of Govt. High School village Ambey Majra.
- Rs. 1,00,000/- spent for installation of Solar street lights in Village Ambey Majra.
- Rs. 59,195/- has been spent on Plantation along rivulet in Village Ambey Majra.

ii. The company shall have a well laid down environmental policy duly approved by the Board of Directors. The environmental policy should prescribe for standard operating procedures to have proper checks and balances and to bring into focus any infringements/ deviation/ violation of the environmental/ forest/ wildlife norms/ conditions. The company shall have defined system of reporting infringements/ deviation/

Company has well defined environment policy; copy of the same is enclosed as **Annexure 11**

	violation of the environmental/ forest/ wildlife norms/ conditions to all/ or shareholders/ stake holders. The copy of the board resolution in this regard shall be submitted to the MoEF&CC as a part of six-monthly report.	
iii.	A separate Environmental Cell both at the project and company head quarter level, with qualified personnel shall be set up under the control of Senior Executive, who will directly report to the head of the organization.	Environment management cell has been constituted to deal with environment related matters. Details of EMC is attached as <b>Annexure 12</b>
iv.	Action plan for implementing EMP and environmental conditions along with responsibility matrix of the company shall be prepared and shall be duly approved by competent authority. The year wise funds earmarked for environmental protection measures shall be kept in separate account and not to be diverted for any other purpose. The project proponent shall spend a minimum amount of Rs. 61.5 Lacs towards the capital cost and Rs. 10.05 Lacs/annum towards recurring cost. The entire cost of the environmental management plan will continue to be borne by the project proponent. Year wise progress of implementation of action plan shall be reported to the Ministry/Regional Office along with the Six Monthly Compliance Report. Year wise progress of implementation of action plan shall be reported to the Ministry/ Regional along with Six Monthly Compliance Report.	Agreed. Entire cost of environmental management plan is being borne by the company and details has been submitted with six monthly compliance report.
v.	Year wise progress of implementation of action plan shall be reported to the Ministry/Regional Office along with the Six-Monthly Compliance Report.	Agreed.
vi.	Self-environmental audit shall be conducted annually. Every three years third party environmental audit shall be carried out.	Agreed.
vii.	All the recommendations made in the Charter on Corporate Responsibility for Environment Protection (CREP) for the plants shall <b>be</b> implemented.	Agreed.

#### X. Validity

S. No.	Compliance conditions	Reply
i.	This environmental clearance will be valid for a period of seven years from the date of its issue or till the completion of the project, whichever is earlier.	Environment Clearance has been granted by SEIAA, Punjab vide Letter No. SEIAA/2019/754 dated 22.08.2019 and is valid till 21.08.2029 as per EIA Notification & its amendment; copy of the EC letter is attached along as <b>Annexure 1</b> .

## XI. Miscellaneous

S. No.	Compliance conditions	Reply
i.	The project proponent shall make public the environmental clearance granted for their project along with the environmental conditions and safeguards at their cost by prominently advertising it at least in two local newspapers of the District or State, of which one shall be in the vernacular language within seven days and in addition, this shall also be displayed in the project proponent's website permanently.	EC letter along with previous compliance report i.e. for period ending 30.09.2023 has been uploaded on company's website .
ii.	The copies of the environmental clearance shall be submitted by the project proponents to the Heads of local bodies, Panchayats and Municipal Bodies in addition to the relevant offices of the Government who in turn has to display the same for 30 days from the date of receipt.	Copy of Environmental Clearance letter has been submitted to local concerned departments.
iii.	The project proponent shall upload the status of compliance of the stipulated environment clearance conditions, including results of monitored data on their website and update the same on half-yearly basis.	EC letter along with previous compliance report i.e. for period ending 31.03.2024 has been uploaded on company's website. Screenshot showing the same is attached as <b>Annexure 14</b>
iv.	The project proponent shall monitor the criteria pollutants level namely; PM <sub>10</sub> , SO <sub>2</sub> , NO <sub>x</sub> (ambient levels as well as stack emissions) or critical sectoral parameters, indicated for the projects and display the same at a convenient location for disclosure to the public and put on the website of the company.	Environment data board has been displayed near main gate. Photograph showing the same is enclosed as <b>Annexure 6</b> .
v.	The project proponent shall submit six-monthly reports on the status of the compliance of the stipulated environmental conditions on the website of the Ministry of Environment, Forest and Climate Change at environment clearance portal.	Six monthly compliance report for period ending 31.03.2024 has been uploaded on Parivesh portal. Further, six monthly compliance report has been submitted to RO, MoEF&CC through mail. Copy of the same is enclosed as <b>Annexure 13</b> .
vi.	The project proponent shall submit the environmental statement for each financial year in Form-V to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently and put on the website of	Agreed. Form V has been submitted to RO, PPCB for financial year 2023-2024. Receiving of the same is attached as <b>Annexure 15</b>

	the company.	
vii.	The project proponent shall inform the Regional Office of the Ministry and PPCB, the date of financial closure and final approval of the projects by the concerned authorities, commencing the land development work and start of production operation by the project.	Consent to Establish for Expansion has been obtained prior to installation of new Induction Furnaces and other machinery. Further, Consent to Operate has been obtained from PPCB; copy of the same is enclosed as <b>Annexure 2</b> .
i.	The project authorities must strictly adhere to the stipulations made by the State Pollution Control Board and the State Government.	Stipulations made by the Punjab Pollution Control Board and State Government are being strictly followed.
ii.	The project proponent shall abide by all the commitments and recommendations made in the EIA/EMP report, commitment made during Public Hearing and also that during their presentation to the Expert Appraisal Committee.	All the commitments and recommendations made in EIA report, during Public Hearing and during their presentation to SEAC/ SEIAA, Punjab are being complied.
viii.	No further expansion or modifications in the plant shall be carried out without prior approval of the Ministry of Environment, Forests and Climate Change (MoEF&CC).	Agreed. Application has been submitted to SEIAA Punjab, for expansion in Environment Clearance.
ix.	Concealing factual data or submission of false/ fabricated data may result in revocation of this environmental clearance and attract action under the provisions of Environment (Protection) Act, 1986.	Agreed.
x.	The SEIAA/ Ministry may revoke or suspend the clearance, if implementation of any of the above conditions is not satisfactory.	Agreed.
xi.	The SEIAA/ Ministry reserves the right to stipulate additional conditions if found necessary. The Company in a time-bound manner shall implement these conditions.	Agreed.
xii.	The Regional Office of this Ministry shall monitor compliance of the stipulated conditions. The project authorities should extend full cooperation to the officer (s) of the Regional Office by furnishing the requisite data/ information/ monitoring reports.	Agreed. Full cooperation will be extended to the officer of the Regional Office and PPCB by furnishing the requisite data/ information/ monitoring reports during their visit.
xiii.	The above conditions shall be enforced, inter-alia under the provisions of the Water (Prevention & Control of Pollution) Act, 1974, the Air (Prevention & Control of Pollution) Act, 1981,	Agreed.

	the Environment (Protection) Act, 1986, Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016 and the Public Liability Insurance Act, 1991 along with their amendments and Rules and any other orders passed by the Hon'ble Supreme Court of India/ High Courts and any other Court of Law relating to the subject matter.	
xiv.	Any appeal against this EC shall lie with the National Green Tribunal, if preferred, within a period of 30 days as prescribed under Section 16 of the National Green Tribunal Act, 2010.	Not applicable as 30 days' time period was over and no appeal was made.

## **XII. Additional Specific Conditions decided during the meeting of SEAC**

<b>S. No.</b>	<b>Compliance conditions</b>	<b>Reply</b>
i.	The project proponent shall provide STP for treatment of waste water & reutilization of the treated water for core/non-core activities so as to achieve the Zero Liquid Discharge Condition as per the III (iv) of OM dated 09/08/2018 issued by the MoEF&CC for such units.	STP has not been installed within project premises, as domestic wastewater is being discharged into MC sewer connected.
ii.	The project proponent shall reuse of cooling tower blow down, simultaneously ensuring the standards prescribed for such purge waters. If required, necessary arrangements shall be made to keep this waste stream within the parameters required for reuse.	Agreed. The same is being complied.
iii.	The project proponent shall reserve land for loading or unloading of raw material, products, slag, hazardous waste as well as for storage of these materials and the area to be reserved for parking. The area to be reserved by considering the time required for loading and unloading of vehicles for respective activities and minimum/ maximum period for which storage of the above material is required in the premises. The areas for the respective activities to be marked on the layout plan.	Adequate area for storage of raw material, finished products, slag and hazardous waste etc. has been provided within the project premises as per the layout plan.
iv.	The project proponent shall comply with the standard operating procedures and upgradation of suction and treatment arrangement for the secondary emissions as prescribed by the State Pollution Control Board or by CPCB/MoEF&CC.	Agreed. Standard operating procedures and up-gradation of suction and control arrangement for the secondary emissions will be done as prescribed by the

		Punjab Pollution Control Board/ CPCB/MoEF&CC.
v.	Whole of the vehicle movement area as well as approach road to the gate/weighing bridge shall be paved with pucca/metalled/cement concrete road to control the dust emissions expected from the vehicle movement.	Movement area and approach road is paved to control dust emissions.
vi.	The vehicles to be used for loading/unloading purpose shall not be parked along roadside so as to avoid the traffic congestion and dedicated parking place to be provided for the same.	Adequate parking area has been provided for staff parking and loading/ unloading of the vehicles carrying raw material and finished products to ensure no traffic congestion.
vii.	The project proponent shall adopt green technologies to conserve the water and energy including shearing/ cutting/ bundling machines. Also to provide abrasive resistant fire bricks in the crucibles to reduce the periodic maintenance & disposal of discarded fire bricks.	Agreed.
viii.	The project proponent shall use natural gas (if available) as substitute fuel wherever possible in the existing industry/ for expansion project.	Agreed. Natural gas will be utilized to maximum extent whenever possible.
ix.	The project proponent shall take necessary action w.r.t. the following: - a) Recovery of iron from slag before disposing of it. b) Identify the areas for utilization of slag in a scientific manner and its usage in cement/construction industry/ road laying etc. c) Recovery of precious metals like Zinc, lead and iron etc. from the APCD dust (Hazardous Waste) through authorized re-processor.	a) Iron recovery has been done from slag within the project premises and remaining is given for co-processing. b) Iron recovery has been done from slag within the project premises and remaining is given co-processing. c) Agreement has been done with M/s R.P. Multimetals Pvt. Ltd. for disposal of APCD dust for zinc recovery; copy of the agreement is enclosed as <b>Annexure 10.</b>
x.	The project proponent shall obtain mandatory clearances under Pollution Control laws.	Agreed.

 सत्यमेव जयते	<b>STATE LEVEL ENVIRONMENT IMPACT ASSESSMENT AUTHORITY PUNJAB</b> Ministry of Environment, Forest & Climate Change, Government of India O/o Directorate of Environment & Climate Change C/o PSCST, MGSIPA Complex, Sector 26, Chandigarh-160019 Tele-0172-2792325 Fax- 0172-2793143
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**No. SEIAA/2019/754****REGISTERED****Date: 22/08/2019**

To

M/s Jagat Metals Pvt. Ltd.  
 Village Ambey Majra, Near 220 K.V Power House,  
 Mandi Gobindgarh, Teh. Amloh,  
 Distt. Fatehgarh Sahib-147301

**Subject: Environmental clearance under EIA notification dated 14.09.2006 for expansion of steel manufacturing unit by addition of induction furnaces at Village Ambey Majra, Near 220 K.V Power House, Mandi Gobindgarh, Teh. Amloh, Distt. Fatehgarh Sahib, Punjab by Jagat Metals Pvt. Ltd. (Proposal no SIA/PB/IND/23152/2018)**

This has reference to your online Proposal No. SIA/PB/IND/23152/2018 for expansion of steel manufacturing unit by addition of induction furnaces at Village Ambey Majra, Near 220 K.V Power House, Mandi Gobindgarh, Teh. Amloh, Distt. Fatehgarh Sahib, Punjab, submitted to the SEIAA, Punjab for grant of Environmental Clearance under the EIA notification dated 14.09.2006. The proposal has been appraised as per procedure prescribed under the provisions of EIA Notification dated 14.09.2006 on the basis of the mandatory documents enclosed with the application viz., Form-1, 1-A, EIA report based on additional Specific TORs and the additional clarifications furnished in response to the observations of the SEAC. The salient features of the project proposed by the project proponent are as under :

1	Name and Location of the project	M/s Jagat Metals Pvt. Ltd., Village AmbeyMajra, Near 220 K.V Power House, Mandi Gobindgarh, Teh. Amloh, Distt. Fatehgarh Sahib, Punjab
2.	Nature of project (Fresh/Expansion Amendment/Others)	Expansion project

3.	a) Category b) Activity (as per schedule appended to EIA Notification, 2006 as amended time to time.)	a) B-1 b) 3(a) Metallurgical Industries (Ferrous & Non Ferrous Alloys).		
4.	Area Details			
	<b>Details</b>	<b>Existing</b>	<b>Additional Land</b>	<b>After Expansion</b>
	Plot Area	3.40 acre	0.41 acre	1.81 acre
4.	Co-ordinates of the project site	A: 30°37'54.73"N and 76°19'9.00"E B: 30°37'54.96"N and 76°19'0.49"E C: 30°37'56.62"N and 76°19'0.52"E D: 30°37'56.83"N and 76°19'2.65"E E: 30°38'0.68"N and 76°19'2.59"E F: 30°38'0.83"N and 76°19'3.52"E G: 30°37'56.75"N and 76°19'4.05"E H: 30°37'56.65"N and 76°19'8.99"E		
5.	Project Cost (After expansion)	Rs. 8.37 Crores		
6.	Raw Material requirement (After expansion)	Scrap@ 185 TPD & Ferro Alloys @5 TPD		
7.	Production Capacity (After expansion)	Steel Ingots/ Billets@ 170 TPD		
8.	Details of major productive machinery/plant (After expansion)	(i) 2 Nos Induction furnace (1 x 6 TPH, 1 x 8TPH ) (ii) 02Nos Scrap Bundling Machine		
9.	Manpower(After expansion)	80 persons		
10.	Water Requirements & its source (After expansion)	Total Water Demand:41.5 KLD i) Domestic: 3.5 KLD ii) Cooling: 10 KLD Water demand shall be met through existing tubewells after obtaining permission from CGWA. In case permission is not granted, then alternative sources like treated sewage water or surface water shall be used.		
11.	Details of Effluent(After expansion)			
	Sr. No.	Details	Quantity (After Expansion)	Remarks
	i)	Industrial Effluent	Nil	No industrial effluent generated
	ii)	Domestic Effluent.	2.8 KLD	Wastewater generated from the project will be treated in the STP of capacity 5 KLD and same shall be utilized onto green area or recirculated through cooling tower.

12.	Details of Emissions(After expansion)			
	Sr. No.	Source	Capacity	Chimney Height (m) Air Pollution Control Device
	i)	Induction Furnace	1 x 10 TPH and 1 x 8 TPH each	30 m each Side suction Hood followed by Bag Filter
	ii)	DG sets	82.5 KVA	3.0 m each Equipped with Canopy
13.	Details of Hazardous waste and its disposal(After expansion)			
	Sr. No.	Hazardous Waste Category	Quantity (After expansion)	Disposal
	i)	Cat.35.1 – Exhaust air or Gas cleaning Residue	7.5 TPA	Shall be reprocessed through M/s Madhav Alloys, Fatehgarh Sahib, for recovery of metal. In case non acceptance by the reprocessor, the hazardous waste to be given CSTDF, Nimbua
	ii)	Cat.5.1 – Used Oil	0.02 KL per annum	Shall be reprocessed through authorized recyclers of waste oil
14.	Solid waste generation and its disposal(After expansion)			
	Sr. No.	Solid Waste	Quantity (After Expansion)	Disposal
	(i)	Slag	24.5 TPD	Shall be reprocessed through M/s Bittu Ram Contractor for manufacturing of ready mix concrete.
15.	Energy Requirements(After expansion)		i) Power load 6200 KW through PSPCL. ii) Single silent DG set of capacity 82.5 KVA as stand-by arrangement.	
16.	Environment Management Plan Environment Management Cell (EMC) shall be responsible for implementation of EMP which consists of Director of the company, representative of management, process-in-charge, in-charge maintenance and a representative of environmental consultant. The budgetary requirement for implementation of EMP is as under:-			
	<b>Sr.No.</b>	<b>Environmental Protection Measures</b>	<b>Capital cost(Rs. in lakhs)</b>	<b>Recurring cost (Rs. in lakhs/year)</b>
	1.	Air Pollution Control (Installation of APCD)	40	0.5
	2.	Noise Pollution Control (Including cost of landscaping & green belt)	5.0	1.5
	3.	Solid Waste Management	3.0	1.0
	4.	Water Pollution Control (STP)	5.0	0.50
	5.	Environment Monitoring & Management	3.0	5.0
	6.	Health, Safety & Risk Assessment	3.0	0.5
	7.	Rain Water Recharging outside the project premises	1.5	0.55
	8.	Miscellaneous	1.0	0.5
	<b>Total</b>		<b>61.5</b>	<b>10.05</b>

The case was lastly considered by the SEAC in its 180<sup>th</sup> meeting held on 10.05.2019, wherein, the Committee observed that the project proponent has provided adequate and satisfactory clarifications of the observations raised by it. Therefore, the Committee awarded 'Silver Grading' to the project proposal and decided to forward the case to the SEIAA with the recommendation to grant environmental clearance to the project proponent under EIA notification dated 14.09.2006 subject to certain conditions in addition to the proposed measures.

Thereafter, the case was considered by the SEIAA in its 150<sup>th</sup> meeting held on 08.07.2019. The SEIAA observed that the case stands recommended by SEAC and the Committee awarded 'Silver Grading' to the project proposal. The Authority looked into all the aspects of the project proposal in detail and was satisfied with the same.

Therefore, the Authority decided to grant environmental clearance under category-B with project/ activity 3(a)- Metallurgical Industries (ferrous & nonferrous) for the expansion of steel manufacturing unit namely M/s Jagat Metals Pvt. Ltd., in the revenue estate of Village Ambey Majra, Near 220 K.V Power House, Mandi Gobindgarh, Tehsil Amlah, Distt. Fatehgarh Sahib, Punjab, as per the details as per the details mentioned in the EIA study & subsequent presentation / clarifications made by the project proponent and his consultant subject to the conditions as proposed by the SEAC, in addition to the proposed measures.

Accordingly, SEIAA, Punjab hereby accords necessary environmental clearance for the above project under the provisions of EIA Notification dated 14.09.2006 and its subsequent amendments, subject to proposed measures & strict compliance of terms and conditions as follows: -

**I. Statutory compliance:**

- i. The project proponent shall obtain forest clearance under the provisions of Forest (Conservation) Act, 1986, in case of the diversion of forest land for non-forest purpose involved in the project.
- ii. The project proponent shall obtain clearance from the National Board for Wildlife, if applicable.
- iii. The project proponent shall prepare a Site-Specific Conservation Plan & Wildlife Management Plan and approved by the Chief Wildlife Warden. The recommendations of the approved Site-Specific Conservation Plan / Wildlife Management Plan shall be

implemented in consultation with the State Forest Department. The implementation report shall be furnished along with the six-monthly compliance report. (in case of the presence of schedule-I species in the study area)

- iv. The project proponent shall obtain Consent to Establish/ Operate under the provisions of Air (Prevention & Control of Pollution) Act, 1981 and the Water (Prevention & Control of Pollution) Act, 1974 from the concerned State pollution Control Board/ Committee.
- i. The project proponent shall obtain the necessary permission from the Central Ground Water Authority, in case of drawl of ground water from the competent authority concerned in case of drawl of surface water required for the project. In case of non-grant of permission by CGWA for ground water abstraction, the industry shall make alternative arrangements by using surface water or treated city sewage effluent after obtaining permission from competent authority.
- v. The project proponent shall obtain authorization under the Hazardous and other Waste Management Rules, 2016 as amended from time to time.
- vi. The project proponent shall comply with the siting criteria, standard operating practices, code of practice and guidelines if any prescribed by the SPCB/CPCB/MoEF&CC for such type of units.
- vii. The project proponent shall comply with conditions imposed by the District Town Planner, Fatehgarh Sahib vide Memo No. 38 dated 11.01.2019 & 501 dated 06.05.2019.

## **II. Air quality monitoring and preservation**

- i. The project proponent shall install 24x7 continuous emission monitoring system at process stacks to monitor stack emission with respect to standards prescribed in Environment (Protection) Rules 1986 vide G.S.R 277 (E) dated 31<sup>st</sup> March 2012 (applicable to IF/EAF) as amended from time to time; S.O. 3305 (E) dated 7th December 2015 (Thermal Power Plants) as amended from time to time) and connected to SPCB and CPCB online servers and calibrate these system from time to time according to equipment supplier specification through labs recognized under Environment (Protection) Act, 1986 or NABL accredited laboratories.
- ii. The project proponent shall monitor fugitive emissions in the plant premises at least once in every quarter through laboratories recognized under Environment (Protection) Act, 1986 or NABL accredited laboratories.
- iii. The project proponent shall install system carryout Continuous Ambient Air Quality monitoring for common/criterion parameters relevant to the main pollutants released (e.g. PM<sub>10</sub> and PM<sub>2.5</sub> in reference to PM emission, and SO<sub>2</sub> and NO<sub>x</sub> in reference to SO<sub>2</sub> and NO<sub>x</sub> emissions) within and outside the plant area (at least at four locations one within and three outside the plant area at an angle of 120° each), covering upwind and downwind directions. (case to case basis small plants: Manual; Large plants: Continuous).

- iv. The project proponent shall submit monthly summary report of continuous stack emission and air quality monitoring and results of manual stack monitoring and manual monitoring of air quality/ fugitive emissions to Regional Office of MoEF&CC, Zonal office of CPCB and Regional Office of SPCB along with six monthly monitoring report.
- v. Appropriate Air Pollution Control (APC) system shall be provided for all the dust generating points including fugitive dust from all vulnerable sources.
- vi. The project proponent shall provide leakage detection and mechanized bag cleaning facilities for better maintenance of bags.
- vii. Sufficient number of mobile or stationery vacuum cleaners shall be provided to clean plant roads, shop floors, roofs, regularly.
- viii. Recycle and reuse iron ore fines, coal and coke fines, lime fines and such other fines collected in the pollution control devices and vacuum cleaning devices in the process after briquetting/ agglomeration.
- ix. The project proponent shall use leak proof trucks/dumpers carrying coal and other raw materials and cover them with tarpaulin.
- x. The project proponent shall provide covered sheds for raw materials like scrap and sponge iron, lump ore, coke, coal, etc.
- xi. The project proponent shall provide primary and secondary fume extraction system at all melting furnaces.
- xii. Design the ventilation system for adequate air changes as per ACGIH document for all tunnels, motor houses, Oil Cellars.

### **III. Water quality monitoring and preservation**

- i. The project proponent shall install 24x7 continuous effluent monitoring system with respect to standards prescribed in Environment (Protection) Rules 1986 vide G.S.R 277 (E) dated 3151 March 2012 (applicable to IF/EAF) as amended from time to time; S.O. 3305 (E) dated 7<sup>th</sup> December 2015 (Thermal Power Plants) as amended from time to time) and connected to SPCB and CPCB online servers and calibrate these system from time to time according to equipment supplier specification through labs recognized under Environment (Protection) Act, 1986 or NABL accredited laboratories. (case to case basis small plants: Manual; Large plants: Continuous)
- ii. The project proponent shall monitor regularly ground water quality at least twice a year (pre and post monsoon) at sufficient numbers of piezometers/sampling wells in the plant and adjacent areas through labs recognized under Environment (Protection) Act, 1986 and NABL accredited laboratories.
- iii. The project proponent shall submit monthly summary report of continuous effluent monitoring and results of manual effluent testing and manual monitoring of ground water quality to Regional Office of MoEF&CC, Zonal office of CPCB and Regional Office of SPCB along with six-monthly monitoring report.

- iv. Adhere to 'Zero Liquid Discharge'.
- v. Sewage Treatment Plant shall be provided for treatment of domestic wastewater to meet the prescribed standards.
- vi. The project proponent shall provide the ETP for effluents of rolling mills to meet the standards prescribed in G.S.R 277 (E) 31<sup>st</sup> March 2012 (applicable to IF/EAF) as amended from time to time.
- vii. Garland drains and collection pits shall be provided for each stock pile to arrest the run-off in the event of heavy rains and to check the water pollution due to surface run off
- viii. The project proponent shall practice rainwater harvesting to maximum possible extent. The project proponent shall not adopt ground water recharge within plant premises to avoid underground contamination due to deposition of pollutants on roof top being highly dense industrial area. As committed, the industry shall adopt village Pond having 8093.71 sqm located in the Village BhmarsiJer, Block Sirhind, Mandi Gobindgarh for harvesting of 36,444 m<sup>3</sup> of rain water. As an additional safety measure, the stream carrying waste water of the village shall be diverted in one corner of Phytoid plants trench (designed based on the technology developed by CSIR-NEERI's) divided in different parts, the overflow of each chamber shall be allowed to enter into another chamber which will ultimately lead to purification of water and collected into pond to avoid any contamination of ground water aquifer. Pond water will percolate through natural strata (without injection) to augment the ground water and remaining water shall be used for irrigation purposes by pumping method in the nearby fields.
- ix. The project proponent shall make efforts to minimize water consumption in the steel plant complex by segregation of used water, practicing cascade use and by recycling treated water.

#### **IV. Noise monitoring and prevention**

- i. Noise level survey shall be carried as per the prescribed guidelines and report in this regard shall be submitted to Regional Officer of the Ministry as a part of six-monthly compliance report.
- ii. The ambient noise levels should conform to the standards prescribed under E(P)A Rules, 1986 viz. 75 dB(A) during day time and 70 dB(A) during night time.

#### **V. Energy Conservation measures**

- i. The project proponent shall provide waste heat recovery system (pre-heating of combustion air) at the flue gases of reheating furnaces.
- ii. Practice hot charging of slabs and billets/blooms as far as possible.
- iii. Ensure installation of regenerative type burners on all reheating furnaces.

- iv. Provide solar power generation on rooftops of buildings, for solar light system for all common areas, street lights, parking around project area and maintain the same regularly.
- v. Provide the project proponent for LED lights in their offices and residential areas.

#### **VI. Waste management**

- i. Used refractories shall be recycled as far as possible.
- ii. Oily scum and metallic sludge recovered from rolling mills ETP shall be mixed, dried, and briquetted and reused melting Furnaces
- iii. 100% utilization of fly ash shall be ensured. All the fly ash shall be provided to cement and brick manufacturers for further utilization and Memorandum of Understanding in this regard shall be submitted to the Ministry's Regional Office.
- iv. The waste oil, grease and other hazardous waste shall be disposed of as per the Hazardous & Other waste (Management & Transboundary Movement) Rules, 2016.
- v. Kitchen waste shall be composted or converted to biogas for further use.(to be decided on case to case basis depending on type and size of plant)

#### **VII. Green Belt**

- i. Green belt shall be developed in an area equal to 33% of the plant area with a native tree species (having Wide canopy type structure and especially trees not grass) in accordance with CPCB guidelines. The greenbelt shall inter alia cover the entire periphery of the plant as assured during the presentation. The industry shall ensure that most of the periphery shall be provided with green belt by removing the unwanted/non-productive structures already provided in the existing project near the boundary wall. Wide canopy trees shall also be planted around the parking area to provide shade to the parked vehicles
- ii. The additional land of 0.41 acres proposed to be added for the expansion project to fulfill the 33% requirement of green belt shall not be used for any other purpose
- iii. The project proponent shall prepare GHG emissions inventory for the plant and shall submit the programme for reduction of the same including carbon sequestration including plantation.

#### **VIII. Public hearing and Human health issues**

- i. Emergency preparedness plan based on the Hazard identification and Risk Assessment (HIRA) and Disaster Management Plan shall be implemented.
- ii. The project proponent shall carry out heat stress analysis for the workmen who work in high temperature work zone and provide Personal Protection Equipment (PPE) as per the norms of Factory Act.
- iii. Provision shall be made for the housing of construction labour within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, mobile

STP, safe drinking water, medical health care, creche etc. The housing may be in the form of temporary structures to be removed after the completion of the project.

- iv. Occupational health surveillance of the workers shall be done on a regular basis and records maintained as per the Factories Act.
- v. The project proponent shall carry out the following activities and spent an amount as committed during the Public Hearing:

<b>Sr. No.</b>	<b>Expenditure on Public Hearing Action Plan</b>	<b>Expenditure ( in Rs.)</b>
1.	Providing toilets in the Govt.Girls School located in the Village Chattarpur	2,75,000/-
2.	Construction of shed in cremation ground of Village AmbeyMajra	2,00,000/-
<b>Total</b>		<b>Rs.4,75,000/-</b>

#### **IX. Corporate Environment Responsibility**

- i. The project proponent shall comply with the provisions contained in this Ministry's OM vide F.No. 22-65/2017-IA.III dated 1<sup>st</sup> May 2018, as applicable, regarding Corporate Environment Responsibility. The project proponent shall adhere to the commitments made in the proposal for CER activities for spending atleast minimum amount of Rs. 3 Lacs towards following CER activities:

<b>Sr. No.</b>	<b>CER Activities</b>	<b>Annual Expenditure (in Rs.)</b>	<b>Timeline</b>	<b>Total Expenditure in 6 months (in Rs.)</b>
1.	Education- Maintenance of building of Govt. High School located at village AmbeyMajra& providing uniform to the poor & needy students	1,50,000	Within six months from grant of EC	1,50,000
2.	Electrification- Provide & install solar street lights in Village AmbeyMajra	1,00,000	Within six months from grant of EC	1,00,000
3.	Plantation along Village AmbeyMajra Rivulet	50,000	Within six months from grant of EC	50,000
<b>Total</b>		<b>Rs.3,00,000</b>		<b>Rs.3,00,000</b>

However, CER activities shall strictly be in accordance with the activities listed out in the OM dated 01.05.2018 and as per the proposal submitted by the project proponent.

The amount to be spent on CER activities shall be proportionate to the amount spent on project & such activities shall run parallel to the project execution. All the activities must be completed with the completion of the project.

- ii. The company shall have a well laid down environmental policy duly approve by the Board of Directors. The environmental policy should prescribe for standard operating procedures to have proper checks and balances and to bring into focus any infringements/deviation/violation of the environmental / forest / wildlife norms / conditions. The company shall have defined system of reporting infringements / deviation / violation of the environmental / forest / wildlife norms / conditions and / or shareholders / stake holders. The copy of the board resolution in this regard shall be submitted to the MoEF&CC as a part of six-monthly report.
- iii. A separate Environmental Cell both at the project and company head quarter level, with qualified personnel shall be set up under the control of senior Executive, who will directly to the head of the organization.
- iv. Action plan for implementing EMP and environmental conditions along with responsibility matrix of the company shall be prepared and shall be duly approved by competent authority. The year wise funds earmarked for environmental protection measures shall be kept in separate account and not to be diverted for any other purpose. The project proponent shall spend minimum amount of Rs 61.5 Lacs towards capital cost and Rs 10.05 Lacs / annum towards recurring cost. The entire cost of the environmental management plan will continue to be borne by the project proponent. Year wise progress of implementation of action plan shall be reported to the Ministry/Regional Office along with the Six Monthly Compliance Report.
- v. Year wise progress of implementation of action plan shall be reported to the Ministry/Regional Office along with the Six-Monthly Compliance Report.
- vi. Self-environmental audit shall be conducted annually. Every three years third party environmental audit shall be carried out.
- vii. All the recommendations made in the Charter on Corporate Responsibility for Environment Protection (CREP) for the plants shall be implemented.

## **XI. Validity**

- i) This environmental clearance will be valid for a period of seven years from the date of its issue or till the completion of the project, whichever is earlier

## **XII. Miscellaneous**

- i. The project proponent shall make public the environmental clearance granted for their project along with the environmental conditions and safeguards at their cost by prominently advertising it at least in two local newspapers of the District or State, of which one shall be in the vernacular language within seven days and in addition this shall also be displayed in the project proponent's website permanently.

- ii. The copies of the environmental clearance shall be submitted by the project proponents to the Heads of local bodies, Panchayats and Municipal Bodies in addition to the relevant offices of the Government who in turn has to display the same for 30 days from the date of receipt.
- iii. The project proponent shall upload the status of compliance of the stipulated environment clearance conditions, including results of monitored data on their website and update the same on half-yearly basis.
- iv. The project proponent shall monitor the criteria pollutants level namely; PM10, SO<sub>2</sub>, NO<sub>x</sub> (ambient levels as well as stack emissions) or critical sectoral parameters, indicated for the projects and display the same at a convenient location for disclosure to the public and put on the website of the company.
- v. The project proponent shall submit six-monthly reports on the status of the compliance of the stipulated environmental conditions on the website of the ministry of Environment, Forest and Climate Change at environment clearance portal.
- vi. The project proponent shall submit the environmental statement for each financial year in Form-V to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently and put on the website of the company.
- vii. The project proponent shall inform the Regional Office as well as the Ministry, the date of financial closure and final approval of the project by the concerned authorities, commencing the land development work and start of production operation by the project.
  - i. The project authorities must strictly adhere to the stipulations made by the State Pollution Control Board and the State Government.
  - ii. The project proponent shall abide by all the commitments and recommendations made in the EIA/EMP report, commitment made during Public Hearing and also that during their presentation to the Expert Appraisal Committee.
- viii. No further expansion or modifications in the plant shall be carried out without prior approval of the Ministry of Environment, Forests and Climate Change (MoEF&CC).
- ix. Concealing factual data or submission of false/fabricated data may result in revocation of this environmental clearance and attract action under the provisions of Environment (Protection) Act, 1986.
- x. The SEIAA/Ministry may revoke or suspend the clearance, if implementation of any of the above conditions is not satisfactory.
- xi. The SEIAA/ Ministry reserves the right to stipulate additional conditions if found necessary. The Company in a time bound manner shall implement these conditions.
- xii. The Regional Office of this Ministry shall monitor compliance of the stipulated conditions. The project authorities should extend full cooperation to the officer (s) of the Regional Office by furnishing the requisite data / information/monitoring reports.

- xiii. The above conditions shall be enforced, inter-alia under the provisions of the Water (Prevention & Control of Pollution) Act, 1974, the Air (Prevention & Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986, Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016 and the Public Liability Insurance Act, 1991 along with their amendments and Rules and any other orders passed by the Hon'ble Supreme Court of India / High Courts and any other Court of Law relating to the subject matter.
- xiv. Any appeal against this EC shall lie with the National Green Tribunal, if preferred, within a period of 30 days as prescribed under Section 16 of the National Green Tribunal Act, 2010.

**ADDITIONAL SPECIFIC CONDITIONS DECIDED DURING MEETING OF SEAC**

- i. The project proponent shall provide STP for treatment of waste water & reutilization of the treated water for core/non-core activities so as to achieve the Zero Liquid Discharge Condition as per the III (iv) of OM dated 09/08/2018 issued by the MoEF&CC for such units.
- ii. The project proponent shall reuse of cooling tower blow down, simultaneously ensuring the standards prescribed for such purge waters. If required, necessary arrangements shall be made to keep this waste stream within the parameters required for reuse.
- iii. The project proponent shall reserve land for loading or unloading of raw material, products, slag, hazardous waste as well as for storage of these materials and the area to be reserved for parking. The area to be reserved by considering the time required for loading and unloading of vehicles for respective activities and minimum/maximum period for which storage of the above material is required in the premises. The areas for the respective activities to be marked on the layout plan.
- iv. The project proponent shall comply with the standard operating procedures and upgradation of suction and treatment arrangement for the secondary emissions as prescribed by the State Pollution Control Board or by CPCB/MoEF&CC.
- v. Whole of the vehicle movement area as well as approach road to the gate /weighing bridge shall be paved with pucca / metalled / cement concrete road to control the dust emissions expected from the vehicle movement.
- vi. The vehicles to be used for loading / unloading purpose shall not be parked along roadside so as to avoid the traffic congestion and dedicated parking place to be provided for the same.
- vii. The project proponent shall adopt green technologies to conserve the water and energy including shearing / cutting / bundling machines. Also to provide abrasive resistant fire bricks in the crucibles to reduce the periodic maintenance & disposal of discarded fire bricks.
- viii. The project proponent shall use natural gas (if available) as substitute fuel wherever possible in the existing industry/ for expansion project.

- ix. The project proponent shall take necessary action w.r.t. the following:
- a. Recovery of iron from slag before disposing it off.
  - b. Identify the areas for utilization of slag in scientific manner and its usage in cement / construction industry / road laying etc.
  - c. Recovery of precious metals like Zinc, lead and iron etc. from the APCD dust (Hazardous waste) through authorized re-processor.
- x. The project proponent shall obtain mandatory clearances under Pollution Control laws.

**Sd-  
Member Secretary**

**Endst. No.755-762**

**Through Email**

**Date: 22/08/2019**

A copy of the above is forwarded to the following for information & further necessary action please.

1. The Secretary to Govt. of India, Ministry of Environment and Forest, Paryavaran Bhawan, CGO Complex, Lodhi Road, New Delhi.
2. The Chairman, Central Pollution Control Board, Parivesh Bhavan, CBD-cum-office Complex, East Arjun Nagar, New Delhi.
3. The Chairman, Punjab State Power Corporation Ltd, the Mall, Patiala.
4. The Deputy Commissioner, Fatehgarh Sahib.
5. The Chairman, Punjab Pollution Control Board, Vatavaran Bhawan, Nabha Road, Patiala.
6. The Advisor (Environment), Ministry of Environment and Forest, Northern Regional Office, Bays No.24-25, Sector-31-A, Chandigarh. The detail of the authorized Officer of the project proponent is as under:
  - a) Name of the Partner : Sh. Rajinder Sharma
  - b) Phone Number : 254326
  - c) Email ID : jagatmpl@yahoo.com
7. The Chief Town Planner, Department of Town & Country Planning, 6<sup>th</sup> Floor, PUDA Bhawan, Phase-8, Mohali
8. Monitoring Cell, Ministry of Environment, Forests & Climate Change, Indira Paryavaran Bhawan, Jorbagh Road, New Delhi - 110003.

**Sd-  
Member Secretary**



**PUNJAB POLLUTION CONTROL BOARD**  
 Zonal Office-II, Vatavaran Bhawan, Nabha Road, Patiala - 147001.  
 Website:- www.ppcb.gov.in



Office Dispatch No : 3525 Registered/Speed Post Date: 25-9-2023  
 Industry Registration ID: R13FGS276960 Application No : 23289885

To,  
 Joginder Pal Singla  
 Jagat Metals Pvt.ltd, Village Ambey Majra, Near 220 K.v Power House, Mandi Gobindgarh, Teh. Amloh,  
 Mandigobindgarh, Fatehgarhsahib-147301

Subject: Renewal of consent no. CTOA/Renewal/FGS/2021/16488928 dated 12/11/2021 granted under the provisions of the Air (Prevention & Control of Pollution) Act, 1981.

1. Particulars of Consent to Operate under Air Act, 1981 granted to the industry

Consent to Operate Certificate No.	CTOA/Renewal/FGS/2023/23289885
Date of issue :	22/09/2023
Date of expiry :	30/09/2025
Certificate Type :	Renewal
Previous CTO No. & Validity.:	CTOA/Renewal/FGS/2021/16488928 From:12/11/2021 To:30/09/2023

2. Particulars of the Industry

Name & Designation of the Applicant	Joginder Pal Singla, (Director)
Address of Industrial premises	Jagat Metals Pvt. Ltd., Village Ambey Majra, Near 220 K.v Power House, Mandi Gobindgarh, Teh. Amloh, Distt. Fatehgarh Sahib, Amloh, Fatehgarh Sahib-147301
Capital Investment of the Industry	1131.07 lakhs
Category of Industry	Orange
Type of Industry	2063-Steel and steel products using various furnaces like blast furnace /open hearth furnace/induction furnace/arc furnace/submerged arc furnace /basic oxygen furnace /hot rolling reheated furnace
Scale of the Industry	Medium
Office District	Fatehgarh Sahib

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Jagat Metals Pvt. Ltd., Village Ambey Majra, Near 220 K.v Power House, Mandi Gobindgarh, Teh. Amloh, Distt. Fatehgarh Sahib, Amloh, Fatehgarh Sahib, 147301

This is with reference to the request made by the industry for renewal of consent to operate granted by the Board under the Air (Prevention and Control of Pollution) Act, 1981.

The renewal of consent to operate granted to the industry vide no. CTOA/Renewal/FGS/2021/16488928 dated 12/11/2021 valid upto 30/09/2022 under the Air (Prevention and Control of Pollution) Act, 1981 is hereby renewed upto 30/09/2025 with the same conditions as mentioned therein and following specific conditions:

1. The industry will operate & maintain its air pollution control device (APCD), regularly and efficiently, so as to achieve the stack emission standards, consistently as prescribed by the Board/ MoEF&CC as amended from time to time.
2. The industry shall ensure that no black smoke should be emitted from the stack of the industry at any time.
3. The industry shall get the stack emission monitoring from Board within one month.
4. The industry shall comply with the guidelines/SOPs provided by PSCST, Chandigarh for the effective operation of APCD.
5. The industry shall execute annual maintenance contract (AMC) for APCD from the reputed agency and submit the report in this regard.
6. The industry shall not use any scrap containing Hazardous waste like shockers containing waste oil.
7. The industry will adhere to the environmental clearance conditions as stipulated in the EIA notifications from 14.09.2006, both in letter and in spirit.
8. The industry shall plant trees wherever space is available inside and outside the unit.
9. The industry shall not undertake expansion without obtaining approval from the Board.
10. The industry shall promote use of alternatives of single use plastics (SUP) and awareness to discourage use of plastic, through their Corporate Environment Responsibility (CER) activities.
11. The industry shall ensure that there are no usages of single use plastic- thermocol disposable items such as water bottles / water pouches/water cups, plates, forks, spoons, straw etc. and single use decorating material made of plastic-thermocol or any other non-biodegradable material in the premises.
12. The industry shall properly handle and manage the solid wastages as per the provisions of the Municipal Solid Waste Rules 2016 and ensure that the solid waste is segregated & disposed of in an environmentally sound manner.
13. The industry shall ensure that there is no public nuisance in the area, due to activities of the industry.
14. This consent is issued in supersession of earlier granted consent to operate under the Air Act 1981 vide no. CTOA/Renewal/FGS/2021/16488928 dated 12/11/2021 valid upto 30/09/2023.

All other contents shall remain unchanged. This letter shall remain appended with the consent issued vide no. CTOA/Renewal/FGS/2021/16488928 dated 12/11/2021 to the industry under the Air (Prevention & Control of Pollution) Act, 1981.



22/09/2023

( Amit Kumar )  
Environmental Engineer

For & on behalf

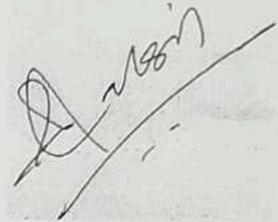
of

Endst. No.:

Dated:

A copy of the above is forwarded to the following for information and necessary action please:

The Environmental Engineer, Punjab Pollution Control Board, Regional Office, Fatehgarh Sahib. He is requested to ensure the compliance of the consent conditions, collect the air emission samples from stack & ambient air quality monitoring samples and get it analyzed from Board's Lab and submit report within 1 month and submit the report accordingly.



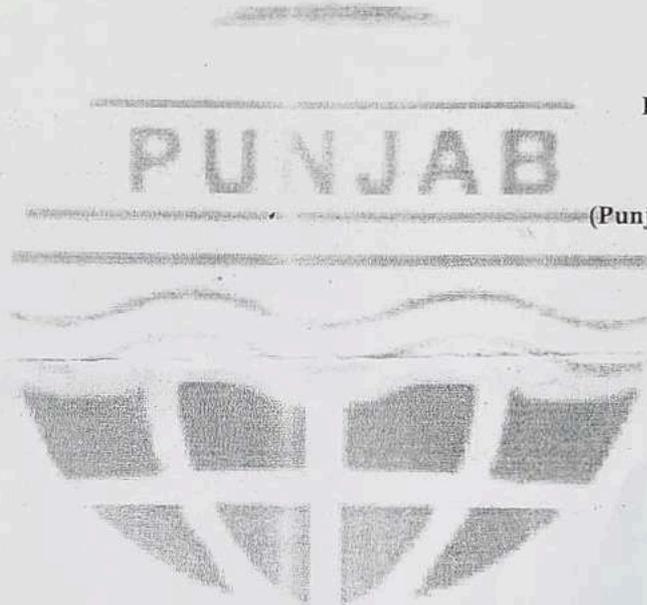
22/09/2023

( Amit Kumar )  
Environmental Engineer

For & on behalf

of

(Punjab Pollution Control Board)



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Jugat Metals Pvt. Ltd., Village Ambey Majra, Near 220 K.v Power House, Mandi Gobindgarh, Teh. Amlah, Distt. Fatehgarh Sahib, Amlah, Fatehgarh Sahib, 147301



# PUNJAB POLLUTION CONTROL BOARD

Zonal Office-II, Vatavaran Bhawan, Nabha Road, Patiala

Website:- www.ppcb.gov.in

Office Dispatch No : 1879

Registered/Speed Post

Date: 2-7-2020

Industry Registration ID: R13FGS276960

Application No : 12318904

To,

Satish Kumar Sharma  
Jagat Metals Pvt.ltd, Village Ambey Majra, Near 220 K.v Power House, Mandi Gobindgarh, Teh. Amloh,  
Mandigobindgarh, Fatehgarhsahib-147301

Subject: Grant Varied 'Consent to Operate' u/s 21 of Air (Prevention & Control of Pollution) Act, 1981 for discharge of emissions arising out of premises.

With reference to your application for obtaining Varied 'Consent to Operate' u/s 21 of Air (Prevention & Control of Pollution) Act, 1981, you are hereby, authorized to operate an industrial unit for discharge of the emission(s) arising out of your premises subject to the Terms and Conditions as mentioned in this Certificate.

## 1. Particulars of Consent to Operate under Air Act, 1981 granted to the industry

Consent to Operate Certificate No.	CTOA/Varied/FGS/2020/12318904
Date of issue :	02/07/2020
Date of expiry :	31/12/2020 ✓
Certificate Type :	Varied
Previous CTO No. & Validity :	CTOA/Varied/FGS/2019/10702365 From: 23/08/2019 To: 30/06/2020

## 2. Particulars of the Industry

Name & Designation of the Applicant	Satish Kumar Sharma, (President)
Address of Industrial premises	Jagat Metals Pvt. Ltd., Village Ambey Majra, Near 220 K.v Power House, Mandi Gobindgarh, Teh. Amloh, Distt. Fatehgarh Sahib, Amloh, Fatehgarh Sahib-147301
Capital Investment of the Industry	938.5159 lakhs
Category of Industry	Orange
Type of Industry	2063-Steel and steel products using various furnaces like blast furnace /open hearth furnace/induction furnace/arc furnace/submerged arc furnace /basic oxygen furnace /hot rolling reheated furnace
Scale of the Industry	Medium
Office District	Fatehgarh Sahib
Consent Fee Details	Rs. 76500/- vide UTR No. SAA74870943 dated 19/09/2019

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Jagat Metals Pvt. Ltd., Village Ambey Majra, Near 220 K.v Power House, Mandi Gobindgarh, Teh. Amloh, Distt. Fatehgarh Sahib, Amloh, Fatehgarh

Sahib, 147301

Page 1

Raw Materials (Name with Quantity per day)	Melting Scrap @185 MTD & Ferro Alloys @ 5.0 MTD
Products (Name with Quantity per day)	Steel Ingots @ 170 MTD OR Heavy/ Round/Flats/Structural etc. @ 161 MTD
By-products, if any, (Name with Quantity per day)	--
Details of the machinery and process	As per details given in application no. 12318904 Raw Material, Cutting, Furnace Loading, Heating, Concast, Rolling, Ready
Quantity of fuel required (in TPD) and capacity of boilers/ Furnace/Thermo heater etc.	Induction furnace of capacity 6 T/heat -Electricity Induction furnace of capacity 8 T/heat -Electricity one no. DG set of capacity 82.5 KVA- HSD
Type of Air Pollution Control Devices to be installed	Induction furnace of capacity 6 T/heat - Bag Filter house as per design of PSCST, Chandigarh. Induction furnace of capacity 8 T/heat -Bag Filter house as per design of PSCST, Chandigarh. one no. DG set of capacity 82.5 KVA- canopy
Stack height provided with each boiler/thermo heater/Furnace etc.	Induction furnace of capacity 6 T/heat -Stack of height 18 mtr above ground level Induction furnace of capacity 8 T/heat -Stack of height 24 mtr above ground level one no. DG set of capacity 82.5 KVA- Stack of height 2.5 mtr above roof level
Sources of emissions and type of pollutants	Induction furnace of capacity 6 T/heat -SPM Induction furnace of capacity 8 T/heat -SPM one no. DG set of capacity 82.5 KVA- SPM, SO <sub>x</sub> , NO <sub>x</sub>
Standards to be achieved under Air(Prevention & Control of Pollution) Act, 1981	As per emission standards prescribed by PPCB/ MoEF & CC.



*(Signature)*

02/07/2020

**(Rajeev Gupta)**  
Environmental Engineer

For & on behalf

of

**(Punjab Pollution Control Board)**

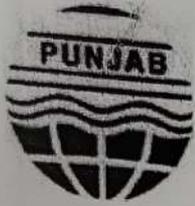
Endst. No.:

Dated:

A copy of the above is forwarded to the following for information and necessary action please:  
Environmental Engineer, Regional Office, Fatehgarh Sahib.

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Jagat Metals Pvt. Ltd., Village Ambey Majra, Near 220 K.v Power House, Mandi Gobindgarh, Teh. Amloh, Distt. Fatehgarh Sahib, Amloh, Fatehgarh Sahib, 147301



**PUNJAB POLLUTION CONTROL BOARD**  
Zonal Office-II, Vatavaran Bhawan, Nabha Road, Patiala - 147001.  
Website:- www.ppcb.gov.in



Office Dispatch No : 4624

Registered/Speed Post

Date: 9-1-24

Industry Registration ID: R13FGS276960

Application No : 24527263

To,

Joginder Pal Singla  
Jagat Metals Pvt.ltd, Village Ambey Majra, Near 220 K.v Power House, Mandi Gobindgarh, Teh. Amloh,  
Mandigobindgarh, Fatehgarhsahib-147301

Subject: Renewal of consent no. CTOW/Renewal/FGS/2023/23289902 dated 22/09/2023 granted under the provisions of the Water (Prevention and Control of Pollution) Act, 1974.

**1. Particulars of Consent to Operate under Water Act, 1974 granted to the industry**

Consent to Operate Certificate No.	CTOW/Renewal/FGS/2024/24527263
Date of issue :	09/01/2024
Date of expiry :	30/09/2025
Certificate Type :	Renewal
Previous CTO No. & Validity :	CTOW/Renewal/FGS/2023/23289902 From:22/09/2023 To:31/12/2023

**2. Particulars of the Industry**

Name & Designation of the Applicant	Joginder Pal Singla, (Director)
Address of Industrial premises	Jagat Metals Pvt. Ltd., Village Ambey Majra, Near 220 K.v Power House, Mandi Gobindgarh, Teh. Amloh, Distt. Fatehgarh Sahib, Amloh, Fatehgarh Sahib-147301
Capital Investment of the Industry	₹131.07 lakhs
Category of Industry	Orange
Type of Industry	2063-Steel and steel products using various furnaces like blast furnace /open hearth furnace/induction furnace/arc furnace/submerged arc furnace /basic oxygen furnace /hot rolling reheated furnace
Scale of the Industry	Medium
Office District	Fatehgarh Sahib

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Jagat Metals Pvt. Ltd., Village Ambey Majra, Near 220 K.v Power House, Mandi Gobindgarh, Teh. Amloh, Distt. Fatehgarh Sahib, Amloh, Fatehgarh  
Sahib, 147301

Page 1

This is with reference to the request made by the industry for renewal of consent to operate granted by the Board under the Water (Prevention & Control of Pollution) Act, 1974.

The renewal of consent to operate granted to the industry vide no. vide no. CTOW/Renewal/FGS/2023/23289902 dated 22/09/2023, valid up to 31/12/2023 under the Water (Prevention & Control of Pollution) Act, 1974 is hereby renewed upto 30/09/2025 with the same conditions as mentioned therein and following specific conditions:

1. The industry shall obtain clearance for extraction of Ground Water from the Punjab Water Regulation and Development Authority (PWRDA) submit the same at Regional Office Fatehgarh Sahib.
2. The industry will not generate and discharge any trade effluent without obtaining prior written permission of the Board.
4. The industry will adhere to the environmental clearance conditions as stipulated in the EIA notifications from 14.09.2006, both in letter and in spirit.
5. The industry shall not undertake expansion without obtaining approval from the Board.
6. The industry may also develop the vermicomposting/composting to manage the biodegradable solid waste. PP shall not throw, burn or bury any solid wastes in open, outside premises or in drain / water bodies.
7. The industry shall perform / promote its Corporate Environment Responsibility (CER) activities as well as use of alternatives of single use plastics (SUP) and awareness to discourage use of plastic (See attached banner/circular).
8. The industry shall ensure that there are no usages of single use plastic- thermocol disposable items such as water bottles / water pouches/water cups, plates, forks, spoons, straw etc, and single use decorating material made of plastic-thermocol or any other non-biodegradable material in the premises.
9. The industry shall properly handle and manage the solid wastages as per the provisions of the Municipal Solid Waste Rules 2016 and ensure that the solid waste is segregated & disposed of in an environmentally sound manner.
10. The industry shall carry out awareness and activities for the themes / action points identified under Mission LiFE (Lifestyle for the Environment) by Ministry of Environment, Forests and Climate Change given at the website (<http://missionlife-moefcc.nic.in>).

All other contents shall remain unchanged. This letter shall remain appended with the consent issued vide no. CTOW/Renewal/FGS/2021/16489082 dated 25/11/2021 and its subsequent extensions issued from time to time under the Water (Prevention & Control of Pollution) Act, 1974.



*(Handwritten signature)*

09/01/2024

(Amit Kumar)  
Environmental Engineer

For & on behalf

of

(Punjab Pollution Control Board)

Endst. No.:

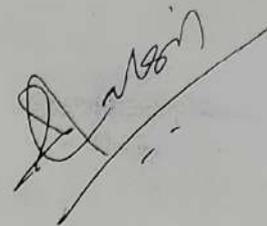
Dated:

A copy of the above is forwarded to the following for information and necessary action please:

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Jagat Metals Pvt. Ltd., Village Ambey Majra, Near 220 K.v Power House, Mandi Gobindgarh, Teh. Amlah, Distt. Fatehgarh Sahib, Amlah, Fatehgarh

The Environmental Engineer, Punjab Pollution Control Board, Regional Office, Fatehgarh Sahib. He is requested to ensure the compliance of the consent conditions and submit the report accordingly.



09/01/2024

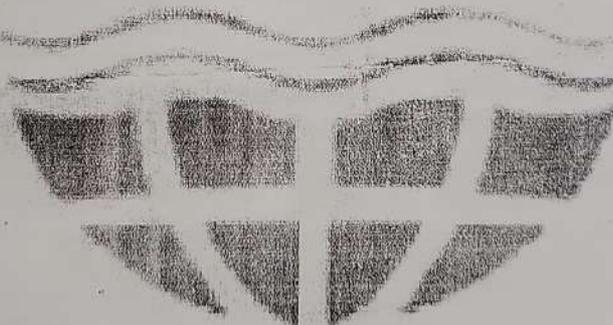
(Amit Kumar)  
Environmental Engineer

For & on behalf

of

(Punjab Pollution Control Board)

PUNJAB



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Jagat Metals Pvt. Ltd., Village Ambey Majra, Near 220 K.V Power House, Mandi Gobindgarh, Teh. Amlah, Distt. Fatehgarh Sahib, Amlah, Fatehgarh Sahib. 147301

Page 3



# PUNJAB POLLUTION CONTROL BOARD

Zonal Office-II, Vatavaran Bhawan, Nabha Road, Patiala

Website:- www.ppcb.gov.in

Office Dispatch No : 1881

Registered/Speed Post

Date: 2-7-2020

Industry Registration ID: R13FGS276960

Application No : 12319509

To,

Joginder Pal Singla  
Jagat Metals Pvt.ltd, Village Ambey Majra, Near 220 K.v Power House, Mandi Gobindgarh, Teh. Amloh,  
Mandigobindgarh, Fatehgarhsahib-147301

Subject: Grant Varied 'Consent to Operate' an outlet u/s 25/26 of Water (Prevention & Control of Pollution) Act, 1974 for discharge of effluent.

With reference to your application for obtaining Varied Consent to Operate an outlet for discharge of the effluent u/s 25/26 of Water (Prevention & Control of Pollution) Act, 1974, you are, hereby, authorized to operate an industrial unit for discharge of the effluent(s) arising out of your premises subject to the Terms and Conditions as mentioned in this Certificate



## 1. Particulars of Consent to Operate under Water Act, 1974 granted to the industry

Consent to Operate Certificate No:	CTOW/Varied/FGS/2020/12319509
Date of issue :	30/06/2020
Date of expiry :	31/12/2020
Certificate Type :	Varied
Previous CTO No. & Validity :	CTOW/Varied/FGS/2019/10702376 From: 23/08/2019 To: 30/06/2020

## 2. Particulars of the Industry

Name & Designation of the Applicant	Saish Kumar Sharma, (President)
Address of Industrial premises	Jagat Metals Pvt. Ltd., Village Ambey Majra, Near 220 K.v Power House, Mandi Gobindgarh, Teh. Amloh, Distt. Fatehgarh Sahib, Amloh, Fatehgarh Sahib-147301
Capital Investment of the Industry	938.5159 lakhs
Category of Industry	Orange
Type of Industry	2063-Steel and steel products using various furnaces like blast furnace /open hearth furnace/induction furnace/arc furnace/submerged arc furnace /basic oxygen furnace /hot rolling reheated furnace
Scale of the Industry	Medium
Office District	Fatehgarh Sahib
Consent Fee Details	Rs. 76500/- vide UTR .No. SAA74870271 dated 19/09/2019
Raw Materials(Name with quantity per day)	Melting Scrap @185 MTD & Ferro Alloys @ 5.0 MTD

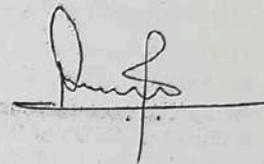
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Jagat Metals Pvt. Ltd., Village Ambey Majra, Near 220 K.v Power House, Mandi Gobindgarh, Teh. Amloh, Distt. Fatehgarh Sahib, Amloh, Fatehgarh Sahib, 147301

Sahib, 147301

Page 1

Products (Name with quantity per day)	Steel Ingots @ 170 MTD OR Heavy/ Round/Flats/Structural etc. @ 161 MTD
By-Products, if any,(Name with quantity per day)	--
Details of the machinery and processes	As per details given in application no. 12319509 Raw Material , Cutting , Furnace Loading , Heating , Concast , Rolling , Ready
Details of the Effluent Treatment Plant	Domestic Effluent @ 2.8 KLD
Mode of Disposal	Onto land plantation after treatment in septic tank
Standards to be achieved under Water(Prevention & Control of Pollution) Act, 1974	As per effluent standards prescribed by PPCB/ MoEF & CC.



30/06/2020

(Rajeev Gupta)  
Environmental Engineer

For & on behalf

of

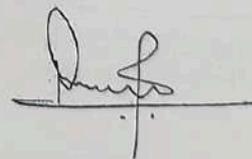
(Punjab Pollution Control Board)

**PUNJAB**

Endst. No.:

Dated:

A copy of the above is forwarded to the following for information and necessary action please:  
Environmental Engineer, Regional Office, Fatehgarh Sahib.



30/06/2020

(Rajeev Gupta)  
Environmental Engineer

For & on behalf

of

(Punjab Pollution Control Board)

## TERMS AND CONDITIONS

### A. GENERAL CONDITIONS

1. This consent is not valid for getting power load from the Punjab State Power Corporation Limited or for getting loan from the financial institutions.
2. The industry shall apply for renewal/further extension in validity of consent atleast two months before expiry of the consent.
3. The industry shall ensure that the effluent discharging through the authorized outlet shall conform to the prescribed standards as applicable from time to time.
4. The industry shall plant minimum of three suitable varieties of trees at the density of not less than 1000 trees per hectare all along the boundary of the industrial premises.
5. The achievement of the adequacy and efficiency of the effluent treatment plant/pollution control devices/recirculation system installed shall be the entire responsibility of the industry.
6. The industry shall ensure that the Hazardous Wastes generated from the premises are handled as per the provisions of the Hazardous Wastes(Management, Handling and Trans boundary Movement) Rules, 2008 as amended time to time, without any adverse effect on the environment, in any manner
7. The responsibility to monitor the effluent discharged from the authorized outlet and to maintain a record of the same rests with the industry. The Board shall only test check the accuracy of these reports for which the industry shall deposit the samples collection and testing fee with the Board as and when required.
8. The industry shall submit balance sheet of every financial year to the concerned Regional Office by 30th June of every year.
9. The industry shall submit a yearly certificate to the effect that no addition/up-gradation/ modification/modernization has been carried out during the previous year otherwise the industry shall apply for the varied consent.
10. During the period beginning from the date of issuance and the date of expiration of this consent, the applicant shall not discharge floating solids or visible foam.
11. Any amendments/revisions made by the Board in the tolerance limits for discharges shall be applicable to the industry from the date of such amendments/revisions.
12. The industry shall not change or alter the manufacturing process(es) so as to change the quality and/or quantity of the effluents generated without the written permission of the Board.
13. Any upset conditions in the plant/plants of the factory, which is likely to result in increased effluent and/or result in violation of the standards laid down by the Board shall be reported to the Environmental Engineer, Punjab Pollution Control Board of concerned Regional Office immediately failing which any stoppage and upset conditions that come to the notice of the Board/its officers, will be deemed to be intentional violation of the conditions of consent.
14. The industry shall provide terminal manhole(s) at the end of each collection system and a manhole upstream of final outlet (s) out of the premises of the industry for measurement of flow and for taking samples.
15. The industry shall for the purpose of measuring and recording the quantity of water consumed and effluent discharged, affix meters of such standards and at such places as approved by the Environmental Engineer, Punjab Pollution Control Board of the concerned Regional Office.
16. The industry shall maintain record regarding the operation of effluent treatment plant i.e. record of quantity of chemicals and energy utilized for treatment and sludge generated from treatment so as to satisfy the Board regarding regular and proper operation of pollution control equipment.
17. The industry shall provide online monitoring equipment 1/2s for the parameters as decided by concerned Regional Office with the effluent treatment plant/air pollution control devices installed, if applicable.
18. The pollution control devices shall be interlocked with the manufacturing process of the industry.
19. The authorized outlet and mode of disposal shall not be changed without the prior written permission of the Board.
20. The industry shall comply with the conditions imposed by the SEIAA / MOEF in the environmental clearance granted to it as required under EIA notification dated 14/9/06, if applicable.
21. The industry shall obtain and submit Insurance cover as required under the Public Liability Insurance Act, 1991.

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Jagat Metals Pvt. Ltd., Village Ambey Majra, Near 220 K.v Power House, Mandi Gobindgarh, Teh. Amloh, Distt. Fatehgarh Sahib, Amloh, Fatehgarh Sahib, 147301

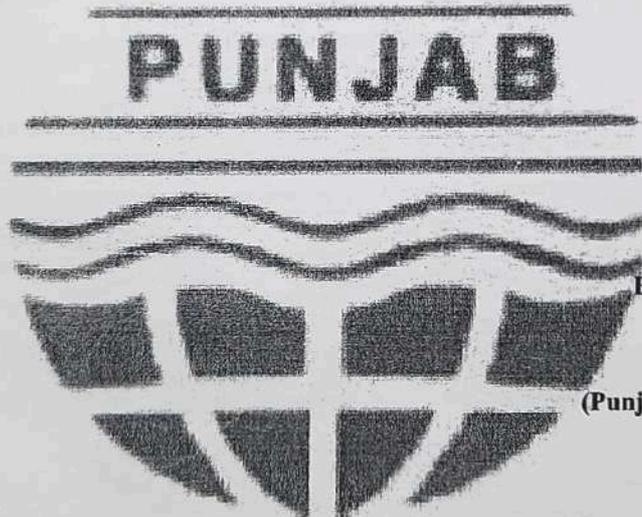
22. The industry shall not use any unauthorized out-let(s) for discharging effluents from its premises. All unauthorized outlets, if any, shall be connected to the authorized outlet within one month from the date of issue of this consent.
23. The industry shall make necessary arrangements for the monitoring of effluent being discharged by the industry and shall monitor its effluents:-
- (i) Once in Year for Small Scale Industries.
  - (ii) **Four in a Year for Large/Medium Scale Industries.**
  - (iii) The industry will submit monthly reading/ data of the separate energy meter installed for running of effluent treatment plant/re-circulation system to the concerned Regional Office of the Board by the 5th of the following month.
24. The industry shall provide **electromagnetic flow meters at the source of water supply, at inlet/outlet of effluent treatment plant** within one month and shall maintain the record of the daily reading and submit the same to the concerned Regional Office by the 5th of the following month.
25. The Board reserves the right to revoke this consent at any time in case the industry is found violating any of the conditions of this consent and/or the provisions of Water (Prevention & Control of Pollution) Act, 1974 as amended from time to time.
26. The issuance of this consent does not convey any property right in either real or personal property, or any exclusive privileges, nor does it authorize any injury to private property or any invasion of personal rights, nor any infringement of Central, State or Local Laws or Regulations.
27. The consent does not authorize or approve the construction of any physical structures or facilities for undertaking of any work in any natural watercourse.
28. Nothing in this consent shall be deemed to neither preclude the institution of any legal action nor relieve the applicant from any responsibilities, liabilities or penalties to which the applicant is or may be subjected under this or any other Act.
29. The industry shall make necessary and adequate arrangements to hold back the effluent in case of failure of septic tank.
30. The diversion or bye pass of any discharge from facilities utilized by the applicant to maintain compliance with the terms and conditions of this consent is prohibited except
- (i) Where unavoidable to prevent loss of life or some property damage or
  - (ii) Where excessive storm drainage or run off would damage facilities necessary for compliance with terms and conditions of this consent. The applicant shall immediately notify the consent issuing authority in writing of each such diversion or bye-pass.
31. The industry shall ensure that no water pollution problem is created in the area due to discharge of effluents from its industrial premises.
32. The industry shall comply with the code of practice as notified by the Government/ Board for the type of industries where the siting guidelines/ code of practice have been notified.
33. Solids, sludge, filter backwash or other pollutant removed from or resulting from treatment or control of waste waters shall be disposed off in such a manner to prevent any pollutants from such materials from entering into natural water.
34. The industry shall re-circulate the entire cooling water and shall also re-circulate/reuse to the maximum extent the treated effluent in processes
35. The industry shall make necessary and adequate arrangements to hold back the effluent in case of failure of re-circulation system/ effluent treatment plant.
36. The industry shall make proper disposal of the effluent so as to ensure that no stagnation occurs inside and outside the industrial premises during rainy season and no demand period.
37. Where excessive storm water drainage or run off, would damage facilities necessary for compliance with terms and conditions of this consent, the applicant shall immediately notify the consent issuing authority in writing of each such diversion or bye-pass.
38. The industry shall submit a detailed plan showing therein the distribution system for conveying waste-water for application on land for irrigation along with the crop pattern for the year.
39. The industry shall ensure that the effluent discharged by it is toxicity free.
40. The industry shall not irrigate the vegetable crops with the treated effluents which are used/ consumed as raw.

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41. Drains causing oil & grease contamination shall will be segregated. Oil & grease trap shall be provided to recover oil & grease from the effluent.
42. The industry shall establish sufficient number of ~~piezometer wells in consultation~~ with the concerned Regional Office, of the Board to monitor the impact on the Ground Water Quantity due to the industrial operations, and the monitoring shall be submitted to the Environmental Engineer of the concerned Regional Office by the 5th of every month.
43. The industry shall ensure that its production capacity & quantity of trade effluent do not exceed the quantity mentioned in the consent and shall not carry out any expansion without the prior permission/NOC of the Board.

**B. SPECIAL CONDITIONS**

1. The industry shall comply with the guidelines for abstraction of ground water issued by the Central Ground Water Authority (CGWA).
2. The industry shall develop & maintain adequate plantation area all the times to utilize its treated domestic effluent onto land for plantation.
3. The industry shall not generate and discharge any kind of trade effluent under any circumstance without obtaining prior permission from the Board.
4. The industry shall comply with/ ~~implement all other conditions~~ of EC within one month after the commissioning of the unit at expanded capacity and submit the same to the Board.



30/06/2020

**(Rajeev Gupta)**  
Environmental Engineer

For & on behalf  
of

**(Punjab Pollution Control Board)**

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Jagai Metals Pvt. Ltd., Village Ambey Majra, Near 220 K.v Power House, Mandi Gobindgarh, Teh. Amlah, Distt. Fatehgarh Sahib, Amlah, Fatehgarh Sahib, 147301

Page 5



PUNJAB WATER REGULATION AND DEVELOPMENT AUTHORITY  
SCO 149-152, SECTOR 17, CHANDIGARH – 160017

*ad interim* PERMISSION FOR EXTRACTION OF GROUNDWATER

Name of Unit	M/s Jagat Metals Pvt. Ltd.		
Activity of Unit:	Industrial		
Address of Unit:	M/s Jagat Metals Pvt. Ltd., Village Ambey Majra, near 220KV Power house, Mandi Gobindgarh, District Fatehgarh Sahib	PIN Code: 147301	
Assessment Unit (Block):	Sirhind	Category: Orange	
District:	Fatehgarh Sahib		
Correspondence Address:	M/s Jagat Metals Pvt. Ltd., Village Ambey Majra, near 220KV Power house, Mandi Gobindgarh, District Fatehgarh Sahib	PIN Code: 147301	
Unit ID	0250100371		
Permission Number	PWRDA/03/2022/L1/325	Dated: 25.03.2022	
Project Status:	Existing Unit		
Permission Type:	<i>ad-interim</i> Permission		
Validity Period:	For a period of three months from the date of publication of the final guidelines by the Authority, or for three years from the date of grant of this <i>ad interim</i> permission, whichever is earlier.		
Ground Water Extraction Permitted: 38.8 m <sup>3</sup> /day			
Fresh Water		Saline Water	
m <sup>3</sup> /day	m <sup>3</sup> /month*	m <sup>3</sup> /day	m <sup>3</sup> /month*
38.8	1,164	-	-

\*Note:- Month is taken as 30 days for calculation of charges.

**Fees and Charges Paid:**

**A. Application Fees for Groundwater Extraction:**

Volume of Groundwater Extraction Applied For per day (in m <sup>3</sup> /day)	Fees Deposited (in Rs.)
38.8	5,000/-

**B. Advance Deposit equivalent to two months of charges for the permitted quantity of groundwater extraction:**

Category of Area	Extraction Permitted: (m <sup>3</sup> /day)	38.8	Amount Deposited (Rs.)	
Orange	Charges for two months		35,904/-	
	<10 m <sup>3</sup> /day	10-100 m <sup>3</sup> /day		>100 m <sup>3</sup> /day
	4,800	31,104		Nil

**C. Tube-well Registration Fee paid:**

No. of existing tube-wells	No. of Proposed tube-wells	No. of total tube-wells	Registration Fee applicable per tube-well	Total Registration Fee Paid (Rs.)
02	Nil	02	2,000/-	4,000/-

**D. Total Amount Paid (Rs.):**

Application Fee	Advance Deposit	Tube-well Registration Fee	Total(Rs.)
5,000/-	35,904/-	4,000/-	44,904/-

NOTE: This permission is granted in terms of the Draft Punjab Guidelines for Groundwater Extraction and Conservation published on November 12, 2020 under section 15 of the Punjab Water Resources (Regulation and Management) Act 2020 and is subject to the conditions given overleaf.

Dated: 25<sup>th</sup> March, 2022  
Place: CHANDIGARH



*Inderpreet Singh*  
25/03/2022  
Signature

Inderpreet Singh, A.O.L-1

Sub Divisional Officer  
Punjab Water Regulation and Development Authority  
Chandigarh.

### ad interim PERMISSION CONDITIONS

- 1) The permission is valid for a period of three months from the date of publication of the final guidelines by the Authority, or for three years from the date of grant of this ad interim permission, whichever is earlier. The unit will apply again for Permission within one month after the publication of the final Guidelines.
- 2) Since, this Permission has been issued on the basis of self-assessment by the applicant and without any site inspection or verification of documents submitted by the applicant, hence the Authority may inspect the unit and documents at any time. In case any material difference is found in the information submitted and the site conditions or documents, the Authority may suspend the permission granted immediately and may revoke or modify the permission after giving a notice to the Unit.
- 3) The unit shall comply with the provisions of the Punjab Water Resources (Management and Regulation) Act, 2020, and the Regulations and Directions issued there under.
- 4) A Unit operational prior to 12/11/2020 shall be liable to pay groundwater extraction charges w.e.f. 12<sup>th</sup> Nov, 2020. A unit which is yet to begin operations shall be liable to pay the charges from the date of commencement of extraction of groundwater.
- 5) The unit shall install a water meter meeting with the specification approved by the Authority at each of its extraction structures within sixty days of issue of this permission letter. (Refer Para 7.1 of the Draft Guidelines)
- 6) Till the installation of water meter the Unit shall pay the full amount for the entire volume of groundwater permitted.
- 7) The Unit shall self-record the water meter readings in the format set by the Authority on the first working day of every month and submit the same and pay the applicable charges to PWRDA by 10<sup>th</sup> of every month.
- 8) Units permitted to extract 50m<sup>3</sup>/day or more groundwater shall communicate water level data to PWRDA in the first week of every month. (Refer para 7.2 of the Draft Guidelines).
- 9) This Permission does not absolve the unit of its obligations to obtain other required statutory and administrative clearances from appropriate authorities.
- 10) The issue of this Permission does not imply that other statutory or administrative clearances shall necessarily be granted to the unit by the concerned authorities.
- 11) This Permission is being issued without any prejudice to the directions of any court of law in cases related to groundwater or any other related matters.
- 12) Water conservation credit claims (if any) will be examined and verified separately.
- 13) In view of the Covid-19 epidemic, the Groundwater Charges in the Draft Guidelines will be reduced by 20% till July 31st, 2021.
- 14) Since, the unit has not paid the GST. Hence, it will be bound to deposit the same within 7 days as and when required by the Authority.

X-----X



## PUNJAB POLLUTION CONTROL BOARD

Zonal Office-II, Vatavaran Bhawan, Nabha Road, Patiala

Website:- [www.ppcb.gov.in](http://www.ppcb.gov.in)

Office Dispatch No :

Registered/Speed Post

Date:

Industry Registration ID : R13FGS276960

Application No : 14511994

To,

**Joginder Pal Singla**  
**Jagat Metals Pvt.Ltd, Village Ambey Majra, Near 220 K.V Power House, Mandi Gobindgarh, Teh. Amloh,**  
**MandiGobindgarh,FatehgarhSahib-147301**

**Subject: Renewal of Authorization for operating a facility for 'Collection, Generation, Storage, Disposal, ' of Hazardous Wastes as per the Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016 .**

Joginder Pal Singla of Jagat metals pvt. ltd. is hereby granted an authorisation based on the enclosed signed inspection report for Collection, Generation, Storage, Disposal, on the premises situated at Village ambey majra, near 220 k.v power house, mandi gobindgarh, teh. amloh, distt. fatehgarh sahib, Amloh, Fatehgarh sahib-147301

### 1. Particulars of Authorization granted to the Industry

Authorization No	HWM/renew/FGS/2021/14511994
Previous Authorization No	R-1749
Date of issue :	12/02/2021
Date of expiry :	30/09/2025
Previous Authorization Date of Issue :	29/11/2011
Previous Authorization Date of Expiry :	30/06/2021
Authorization Type :	renew

### 2. Particulars of the Industry

Name & Designation of the Applicant	Satish Kumar Sharma, (President)
Address of Industrial premises	Jagat metals pvt. ltd., Village ambey majra, near 220 k.v power house, mandi gobindgarh, teh. amloh, distt. fatehgarh sahib, Amloh,Fatehgarh sahib-147301
Capital Investment of the Industry	1020.42 lakhs
Category of Industry	Orange
Type of Industry	2063-Steel and steel products using various furnaces like blast furnace /open hearth furnace/induction furnace/arc furnace/submerged arc furnace /basic oxygen furnace /hot rolling reheated furnace
Scale of the Industry	Medium
Office District	Fatehgarh sahib

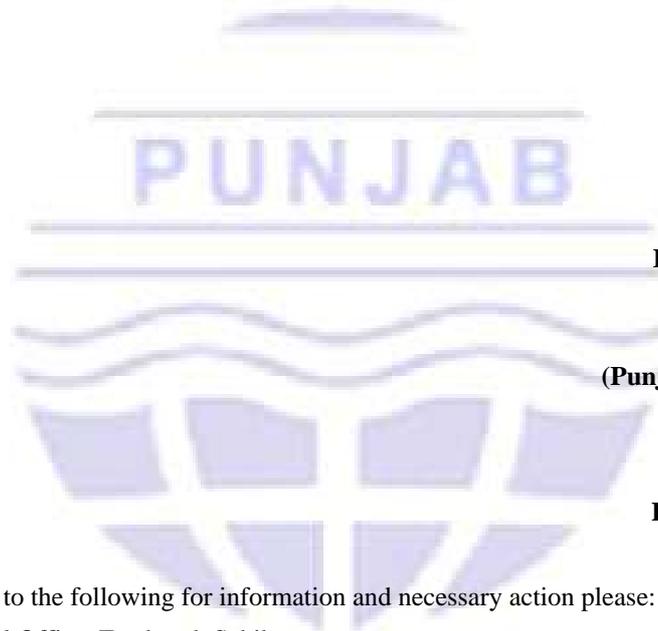
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Jagat metals pvt. ltd.,Village ambey majra, near 220 k.v power house, mandi gobindgarh, teh. amloh, distt. fatehgarh sahib,Amloh,Fatehgarh sahib,147301

### 3. Particulars of Wastes

Category of Hazardous Waste as per the Schedules I,II and III of these rules	Authorised mode of disposal or recycling or utilisation or co-processing, etc	Quantity (ton/annum)
Schedule I 35.1-Exhaust Air or Gas cleaning residue	Generation , Collection , Storage , Disposal	105 T/Annum
Schedule I 5.1-Used or spent oil	Generation , Collection , Storage , Disposal	0.020 KL/Annum

4. The authorisation is subject to the general and specific conditions as appended with the Authorization.



*Om Parkash*

12/02/2021

**(Om Parkash)**  
**Environmental Engineer**

*For & on behalf*

*of*

**(Punjab Pollution Control Board)**

**Endst. No.:**

**Dated:**

A copy of the above is forwarded to the following for information and necessary action please:  
Environmental Engineer, Regional Office, Fatehgarh Sahib.

*Om Parkash*

12/02/2021

**(Om Parkash)**  
**Environmental Engineer**

*For & on behalf*

*of*

**(Punjab Pollution Control Board)**

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*Jagat metals pvt. ltd., Village ambey majra, near 220 k.v power house, mandi gobindgarh, teh. amloh, distt. fatehgarh sahib, Amloh, Fatehgarh sahib, 147301*

## TERMS AND CONDITIONS

### A. GENERAL CONDITIONS

1. The authorised person shall comply with the provisions of the Environment (Protection) Act, 1986, and the rules made there under.
2. The authorisation or its renewal shall be produced for inspection at the request of an officer authorised by the State Pollution Control Board.
3. The person authorised shall not rent, lend, sell, transfer or otherwise transport the hazardous and other wastes except what is permitted through this authorisation.
4. Any unauthorised change in personnel, equipment or working conditions as mentioned in the application by the person authorised shall constitute a breach of his authorisation.
5. The person authorised shall implement Emergency Response Procedure (ERP) for which this authorisation is being granted considering all site specific possible scenarios such as spillages, leakages, fire etc. and their possible impacts and also carry out mock drill in this regard at regular interval of time;
6. The person authorised shall comply with the provisions outlined in the Central Pollution Control Board guidelines on *½*Implementing Liabilities for Environmental Damages due to Handling and Disposal of Hazardous Waste and Penalty*½*.
7. It is the duty of the authorised person to take prior permission of the State Pollution Control Board to close down the facility.
8. The imported hazardous and other wastes shall be fully insured for transit as well as for any accidental occurrence and its clean-up operation.
9. The record of consumption and fate of the imported hazardous and other wastes shall be maintained.
10. The hazardous and other waste which gets generated during recycling or reuse or recovery or pre-processing or utilisation of imported hazardous or other wastes shall be treated and disposed of as per specific conditions of authorisation.
11. The importer or exporter shall bear the cost of import or export and mitigation of damages if any.
12. An application for the renewal of an authorisation shall be made as laid down under these Rules.
13. Any other conditions for compliance as per the Guidelines issued by the Ministry of Environment, Forest and Climate Change or Central Pollution Control Board from time to time.
14. Annual return shall be filed by June 30th for the period ensuring 31st March of the year.

### B. SPECIFIC CONDITIONS

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1. The industry shall store the hazardous waste category no. 5.1 & 35.1 inside its premises in Environmentally sound manner before sending to authorized recycler/TSDF, Nimbua.
2. The industry shall dispose off its hazardous waste generated as per provisions of the Hazardous & Other Wastes (Management and Transboundary Movement) Rules, 2016.
3. The industry shall handle the Hazardous Waste(s) strictly in accordance with the provisions of the Hazardous & Other Wastes (Management and Transboundary Movement) Rules, 2016 and guidelines issued by Central Pollution Control Board / Ministry of Environment & Forests and Climate Change, New Delhi.
4. The occupier generating hazardous waste shall mark each container holding hazardous waste with the marking "HAZARDOUS WASTE" both in English and Punjabi.
5. The storage area should be fenced properly and a sign Board indicating "DANGER" and 'HAZARDOUS WASTE' sign & nature of the waste shall be placed at storage site.
6. The occupier generating hazardous waste shall provide the required safety devices like safety mask, goggles, hand-gloves, gum boots etc. to the workers for handling the hazardous waste. The occupier shall impart training to the personnel/workers for handling and storage of hazardous wastes.
7. The industry shall display on line data outside the main factory gate on display Board of size (6ft. \* 4ft.) on quantity and nature of hazardous chemicals being used in the plant, water & Air emissions and hazardous waste generated within factory premises.
8. The occupier of the transport facility shall ensure that the hazardous waste is shifted in the container in a manner suitable for handling storage and transport and the labelling and packaging shall be easily visible and able to withstand physical condition and climatic factors.
9. The occupier shall adopt the manifest system as prescribed in the Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016.
10. The authorization is subject to the conditions mentioned above and also to such conditions as specified in the Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016 as amended from time to time framed under the Environment (Protection) Act 1986.
11. The industry will send its hazardous waste Cat. 35.1 to M/s Madhav Alloys Pvt. Ltd., and will not disposed of the same to unauthorized agency under any circumstances.



*Om Parkash*

12/02/2021

**(Om Parkash)**  
**Environmental Engineer**

For & on behalf

of

**(Punjab Pollution Control Board)**

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## Completion Certificate

It is to certify that the **OCEMS (Online Continuous Emission Monitoring System)** installed by M/s Evapo Tech Technical Service & Consultants at M/s Jagat Metals Pvt. Ltd, Mandi Gobindgarh, Fatehgarh Sahib, Punjab is complete in all aspects and will achieve the monitoring efficiency specified by Punjab Pollution Control Board/CPCB.

Thanking You



(Authorized Signatory)

For Evapo Tech Technical Service and Consultants

5-C, Model Town, Patiala(PB)

Phone: 98144 61030

E-mail: kartik@evapotech.com



Phone : 91-172-2792325  
Fax : 91-172-2793143  
Website: www.pscst.gov.in

# Punjab State Council for Science & Technology

A Scientific & Industrial Research Organization approved by DSIR & Central Govt  
under Clause (ii) of Sub-Section (1) of Section 35 of Income Tax Act, 1951

(A State Govt. Undertaking)

MGSIPA Complex Institutional Area, Sector 26 Post Box No 727 Chandigarh - 160 019 India

Ref No. PSCST/CC/1022

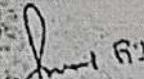
Date: 25/02/2020

Not For Litigation Purpose  
**PROVISIONAL CERTIFICATE**

## To Whom It May Concern

Certified that M/s Jagat Metals Pvt. Ltd. Vill. Ambey Majra, Mandi Gobindgarh, Punjab is having two induction furnaces in same premises having capacity as 6 T/heat & 8 T/heat. The industry has installed Air Pollution Control Device of adequate capacity on their Induction Furnace having capacity as 8 T/heat. This certificate is issued only for getting the "Consent to Operate" from Punjab Pollution Control Board for 8 T/heat furnace. However, the Completion Certificate will be issued after checking the adequacy of Air Pollution Control Device on operationalization of the unit. Further, the industry has obtained the completion certificate for 6 T/heat furnaces vide letter no. PSCST/CC/236 dated 28.06.2019.

  
Process Engineer

  
25/2/2020  
Senior Engineer



Phone : 91-172-2792325  
Fax : 91-172-2793143  
Website: www.pscst.gov.in

# Punjab State Council for Science & Technology

A Scientific & Industrial Research Organization approved by DSIR & Central Govt.  
under Clause (ii) of Sub-Section (I) of Section 35 of Income Tax Act, 1961

(A State Govt. Undertaking)

MGSIPA Complex, Institutional Area, Sector 26, Post Box No. 727, Chandigarh -160 019 (India)

Ref. No. : PSCST/ 1236

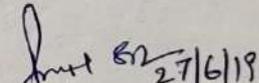
Dated: 28.6.19

*Not For Litigation Purpose*

## To Whom It May Concern

Certified that M/s Jagat Metals Pvt. Ltd., Vill. Ambey Majra, Mandi Gobindgarh, Punjab has installed Air Pollution Control Device on their Induction Furnace-1 having capacity 6 T/heat, as per the technology provided by the Council. Further, the industry is advised to follow Standard Operating Procedures (copy enclosed) as laid down by Punjab Pollution Control Board to achieve the prescribed emission norms.

  
Process Engineer

  
Senior Engineer

## PROJECT PHOTOGRAPHS



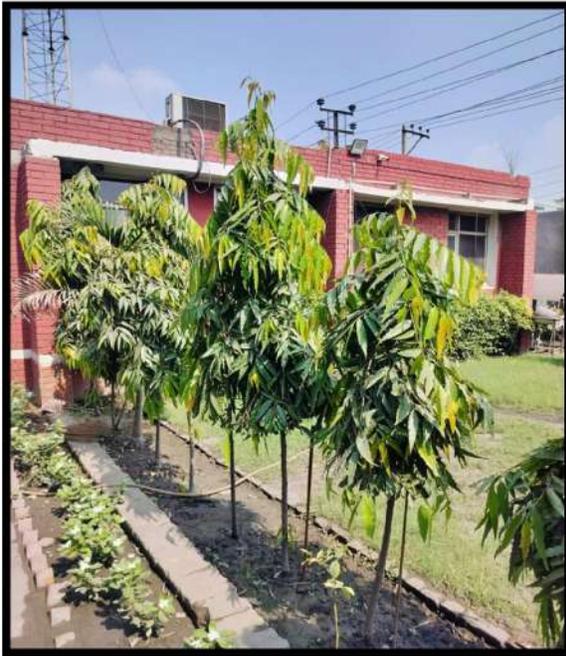
Photograph showing Environment data board near main gate



Photographs showing AAQMS & OCEMS installed



Photographs showing parking area provided within project premises



**Photographs showing Green area provided within project premises**



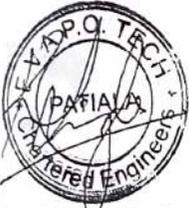
**Photograph showing APCD**



## Completion Certificate

It is to certify that the 4No's of AAQMS ( Ambient Air Quality Monitoring Systems) installed by M/s Evapo Tech Technical Service and Consultants at M/s Jagat Metal Pvt. Ltd. Village Ambey Majra Mandi Gobindgarh ,Punjab,147301 are complete in all aspects and will achieve the monitoring efficiency specified by Punjab Pollution Control Board/ CPCB.

Thanking You



(Authorized Signatory)

for Evapo Tech Technical Service and Consultants

5-C, Model Town, Patiala (PB)

Phone: 9814643041

E-mail: anil@evapotech.com

Date:29 July ,2022



# Eco Paryavaran Laboratories & Consultants Pvt. Ltd.

## TEST REPORT



TC-11818

ULR No : TC1181824000009970F		Test Report No : NSL081024EM002	
Type of Sample : Soil		Reference No : Dt.: 28/09/2024	
Reference Type : Email			
Customer Name	M/s Jagat Metals Pvt. Ltd.		
Address	Vill. Ambey Majra, Near 220 K.V Power house, Mandi Gobindgarh, District Fatehgarh Sahib, Punjab	Period of Sampling	08/10/2024 - 08/10/2024
Sampling Protocol	USEPA/600/R-92/128, EL-MSP-7.3	Date of Receipt of Sample	08/10/2024
Sample Collection Mode	Sample collected by Laboratory	Period of Analysis	08/10/2024 - 14/10/2024
Testing Location	Permanent Facility	Date of reporting	15/10/2024
Sampling Location	From Park (At Project Site)		
Sample Description	Brown coloured soil.		
Standard/Specifications	Manual- Dept. of Agriculture (Gol); 2011		
Packing, Markings, Seal & Qty.	5 Kg Polybag Marked (J/08/01)		

## RESULTS

### 1. Chemical Testing

#### I. Pollution & Environment ( Soil )

Sr.No	Test Parameter	Unit	Result	Test Method
1	Conductivity	mS/cm	0.174	IS 14767
2	Organic Matter	%	1.12	IS 2720 (Part 22) Sec 1
3	pH	-	7.99	IS 2720 (Part 26) Cl 2
4	Texture	-	Sandy loam	IS 2720 (Part-4)
5	Sand	%	75	IS 2720 (Part-4)
6	Clay	%	15	IS 2720 (Part-4)
7	Silt	%	10	IS 2720 (Part-4)
8	Moisture Content	%	7.7	IS 2720 PART-2
9	Bulk Density	g/cc	1.51	IS : 2386:1963 (Part 3)

Remarks : NA

\*\*End of Report\*\*



Mr. Mukesh Chand Agarwal  
Authorized Signatory- Chemical

EL-FMT-7.8.2-S

Page No.1/2

## TEST REPORT



ULR No : TC1181824000009970F

Test Report No : NSL081024EM002

Type of Sample : Soil

### OTHER INFORMATION

Abbreviation : ULR: Unique Lab Report, BDL: Below Detection Level, NA: Not Applicable

### Terms & Conditions :

1. The results relate only to the items tested.
2. Giving opinions does not imply endorsement of the tested product by laboratory. Under no circumstances, laboratory accepts any liability caused by use or misuse of Test Report.
3. The Test Report shall not be reproduced except in full or part or used as advertisement or evidence in court of law without written approval of the laboratory. Samples drawn under special circumstances like legal cases, the customer must declare the same at the time of submission.
4. Complaint log book is with Quality Cell. Contact No. (M) 91 8872 04 3135, Phone 91 172 4616 225 Email: [quality@ecoparyavaran.org](mailto:quality@ecoparyavaran.org)
5. The samples tested may be preserved for a period but not exceeding 7 days from date of reporting, unless otherwise specifically desired by the customer or regulatory authorities. However, depending upon the nature of samples and effect of preservation the test results of preserved samples may vary. Laboratory also does not assume any responsibility in the test results of samples kept on hold for want of clarification.
6. All disputes are subjected to jurisdiction of Mohali (Punjab) India and maximum liability of the laboratory does not exceed the testing and sampling charges.
7. In case where sample is provided by the customer, the reported results shall apply to the sample as received.



Mr. Mukesh Chand Agarwal  
Authorized Signatory- Chemical

## TEST REPORT



ULR No : TC1181824000009972F		Test Report No : NGWL081024EM007	
Type of Sample : Water- Ground Water			
Reference Type : Email		Reference No : Dt.: 28/09/2024	
Customer Name	M/s Jagat Metals Pvt. Ltd.		
Address	Vill. Ambey Majra, Near 220 K.V Power house, Mandi Gobindgarh, District Fatehgarh Sahib, Punjab	Period of Sampling	08/10/2024 - 08/10/2024
Sampling Protocol	IS 17614 (Part 1), EL-MSP-7.3	Date of Receipt of Sample	08/10/2024
Sample Collection Mode	Sample collected by Laboratory	Period of Analysis	08/10/2024 - 11/10/2024
Testing Location	Permanent Facility	Date of reporting	15/10/2024
Sampling Location	Borewell (Project Site)		
Sample Description	Clear, colourless liquid.		
Standard/Specifications	NA		
Packing, Markings, Seal & Qty.	PE Bottle-1 litre (J/08/01A), Glass Bottle-1 litre (J/08/01B), Glass Bottle-500ml (J/08/01C) & PE Bottle-500ml (J/08/01D)		

## RESULTS

### 1. Chemical Testing

#### I. Water ( Water- Ground Water )

Sr.No	Test Parameter	Unit	Result	Acceptable Limit	Permissible Limit in Absence of Alternate Source	Test Method
1	Colour	CU	BDL (1)	5	15	IS 3025 (Part 4) CI 2.0
2	Odour	-	Agreeable	Agreeable	Agreeable	IS 3025 (Part 5)
3	pH @ 25°C	-	7.52	-	-	IS 3025 (Part 11)
4	Taste	-	Agreeable	-	-	IS 3025 (Part 8)
5	Turbidity	NTU	BDL (0.1)	1	5	IS 3025 (Part 10)
6	Chloride as Cl	mg/l	14	250	1000	IS 3025 (Part 32)
7	Iron as Fe	mg/l	0.024	1.0	No relaxation	USEPA 3015A
8	Total Hardness as CaCO <sub>3</sub>	mg/l	258	200	600	IS 3025 (Part 21)



Mr. Mukesh Chand Agarwal  
Authorized Signatory- Chemical



Mr. Mukesh Chand Agarwal  
Authorized Signatory - Biological



EL-FMT-7.8.2-W

Page No.1/2

## TEST REPORT



ULR No : TC118182400009972F

Test Report No : NGWL081024EM007

Type of Sample : Water- Ground Water

### 3. Biological Testing

#### III. Water ( Water- Ground Water )

Sr.No	Test Parameter	Unit	Result	Acceptable Limit	Permissible Limit in Absence of Alternate Source	Test Method
1	Total coliform	Present or Absent/10 0m	Absent	-	-	IS 15185
2	Escherichia coli	Present or Absent/10 0ml	Absent	-	-	IS 15185

Remarks : NA

\*\*End of Report\*\*

#### OTHER INFORMATION

**Abbreviation** : ULR: Unique Lab Report, BDL: Below Detection Level, NA: Not Applicable

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7. In case where sample is provided by the customer, the reported results shall apply to the sample as received.

  
Mr. Mukesh Chand Agarwal  
Authorized Signatory- Chemical

  
Mr. Mukesh Chand Agarwal  
Authorized Signatory - Biological

EL-FMT-7.8.2-W

Page No.2/2

## TEST REPORT



ULR No : TC118182400009913F		Test Report No : NAAL091024EM001	
Type of Sample : Ambient Air		Date of reporting : 15/10/2024	
Reference Type : Email		Reference No : Dt.: 28/09/2024	
Customer	M/s Jagat Metals Pvt. Ltd., Vill. Ambey Majra, Near 220 K.V Power house, Mandi Gobindgarh, District Fatehgarh Sahib, Punjab		
Sampling Protocol	IS 5182, EL-MSP-7.3	Mode of Collection of Sample	Sample collected by Laboratory
Period of Sampling	08/10/2024 - 09/10/2024	Date of Receipt of Sample	09/10/2024
Sampling Location	At Project Site	Period of Analysis	09/10/2024 - 14/10/2024
Standard/Specifications	National Ambient Air Quality: G.S.R.No.B-29016/20/19/PCI-L dated 18 Nov, 2009	Environmental Condition	Clear Sky
Testing Location	On Site & Permanent Facility		

## RESULTS

### 1. Chemical

#### I. Atmospheric Pollution ( Ambient Air )

Sr.No	Test Parameter	Unit	Result	Standard	Test Method
1	Respirable Suspended Particulate Matter as PM10	µg/m3	120	100	IS 5182 (Part 23)
2	Particulate Matter as PM2.5	µg/m3	72	60	IS 5182 (Part 24)
3	Sulphur Dioxide as SO2	µg/m3	13	80	IS 5182 (Part 2)
4	Oxides of Nitrogen	µg/m3	27	80	IS 5182 (Part 6)
5	Ammonia as NH3	µg/m3	18	400	IS 5182 (Part 25)
6	Ozone as O3	µg/m3	29	180	IS 5182 (Part 9)
7	Carbon Monoxide as CO	mg/m3	0.76	4	IS 5182 (Part 10) NDIR method

Remarks : NA

\*\*End of Report\*\*



Mr. Umesh Kumar  
Authorized Signatory- Chemical

EL-FMT-7.8.2 -AA

Page No.1/2

## TEST REPORT



**ULR No :** TC118182400009913F

**Test Report No :** NAAL091024EM001

**Type of Sample :** Ambient Air

**Date of reporting :** 15/10/2024

### OTHER INFORMATION

**Abbreviation :** ULR: Unique Lab Report, BDL: Below Detection Level, NA: Not Applicable

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7. In case where sample is provided by the customer, the reported results shall apply to the sample as received.



Mr. Umesh Kumar  
Authorized Signatory- Chemical

## TEST REPORT



ULR No : TC118182400009973F		Test Report No : NANL091024EM002	
Type of Sample : Ambient Noise		Date of reporting : 15/10/2024	
Reference Type : Email		Reference No : Dt.: 28/09/2024	
Customer Name	M/s Jagat Metals Pvt. Ltd.		
Address	Vill. Ambey Majra, Near 220 K.V Power house, Mandi Gobindgarh, District Fatehgarh Sahib, Punjab		
Sampling Protocol	IS 9989, EL-MSP-7.3	Mode of Collection of Sample	Sample collected by Laboratory
Period of Sampling	08/10/2024 - 08/10/2024	Date of Receipt of Sample	09/10/2024
Sampling Location	Refer Below^	Period of Analysis	09/10/2024 - 10/10/2024
Standard/Specifications	EPA 1986 Schedule-III	Environmental Condition	--
Testing Location	On Site & Permanent Facility		

## RESULTS

### I. Chemical Testing

#### 1. Atmospheric Pollution( Ambient Noise Levels )

Sr.No	Location ^	Unit	Result (Day)	Test Method
1	At project site	dB(A)	65.1	EL/SOP/AN/01

#### Ambient Noise Quality Standards as per Noise Pollution (Regulation and Control) Rules, 2000

Area Code	Category of Area/Zone	Limits in dB(A) Leq* Day Time	Limits in dB(A) Leq* Night Time
A	Industrial Area	75	70
B	Commercial Area	65	55
C	Residential Area	55	45
D	Silence Zone	50	40

Day time shall mean from 6.00 a.m. to 10.00 p.m., Night time shall mean from 10.00 p.m. to 6.00 a.m., Silence zone is an area comprising not less than 100 meters around hospitals, educational institutions, courts, religious places or any other area which is declared as such by the competent authority. Mixed categories of areas may be declared as one of the four above mentioned categories by the competent authority. \*dB(A) Leq denotes the time weighted average of the level of sound in decibels on scale 'A' which is relatable to human hearing

Remarks : NA

\*\*End of Report\*\*



Mr. Umesh Kumar  
Authorized Signatory- Chemical

EL-FMT-7.8.2-AN

Page No.1/2

## TEST REPORT



ULR No : TC118182400009973F

Test Report No : NANL091024EM002

Type of Sample : Ambient Noise

Date of reporting : 15/10/2024

### OTHER INFORMATION

**Abbreviation** : ULR: Unique Lab Report, BDL: Below Detection Level, NA: Not Applicable

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7. In case where sample is provided by the customer, the reported results shall apply to the sample as received.



Mr. Umesh Kumar  
Authorized Signatory- Chemical

# ਸਰਪੰਚ ਗ੍ਰਾਮ ਪੰਚਾਇਤ

ਪਿੰਡ ਭਮਾਰਸੀ ਜੇਰ, ਬਲਾਕ ਸਰਹਿੰਦ, ਜਿਲ੍ਹਾ ਫਤਿਹਗੜ੍ਹ ਸਾਹਿਬ

ਕੁਮ ਸੰਖਿਆ .....

ਮਿਤੀ 2/9/21

ਪਿੰਡ ਤਕਾਕੀ ਜੇਰ ਦੇ ਪਿੰਡ ਦੇ ਤਲਾਬ ਦੀ ਉੱਥਾਰੀ  
 ਵਲੋਂ M/s Jayant Metals Pvt. Ltd. ਦੇ  
 ਆਪਣੀ ਸੰਗਠਨ C.M. No. 00774/ 55000/- ਦੀ  
 ਸੰਗਠਨ ਪਾਇਆ. ਆਗੀ ਇਸ ਫੈਕਟਰੀ ਦੇ ਆੜ  
 ਤੇ ਪੱਕਾਈ ਜ.

ਸਰਪੰਚ Jasvinder  
 ਗਰਾਮ ਪੰਚਾਇਤ ਭਮਾਰਸੀ ਜੇਰ  
 ਬਲਾਕ ਸਰਹਿੰਦ (ਫ.ਗ.ਸ.)

Mandot Singh  
 Nambadar  
 MJD  
 Ranch

Varinder Singh

**PHOTOGRAPHS OF CER ACTIVITIES**



(a)



(b)

**Photographs showing rain water recharging pits constructed in Govt. School**



(a)



(b)

**Photographs showing construction of Toilets in Govt. Girl's School**



सत्यमेव जयते

**INDIA NON JUDICIAL**  
**Government of Punjab**

₹100

e-Stamp

Certificate No. : IN-PB40890984546126U  
 Certificate Issued Date : 07-Nov-2022 01:52 PM  
 Certificate Issued By : pbningaru  
 Account Reference : NEWIMPACC (SV)/ pb7018204/ MANDI GOBINDGARH/ PB-FS  
 Unique Doc. Reference : SUBIN-PBPB701820482573389929898U  
 Purchased by : R P MULTIMETALS P LTD UNIT II MANDI GOBINDGARH  
 Description of Document : Article 5 Agreement or Memorandum of an Agreement  
 Property Description : Not Applicable  
 Area of Property : Not Applicable  
 Consideration Price (Rs.) : 0  
 (Zero)  
 First Party : R P MULTIMETALS P LTD UNIT II MANDI GOBINDGARH  
 Second Party : Not Applicable  
 Stamp Duty Paid By : R P MULTIMETALS P LTD UNIT II MANDI GOBINDGARH  
 Stamp Duty Amount (Rs.) : 100  
 सत्यमेव जयते  
 (One Hundred only)



₹100



Please write or type below this line

IN-PB40890984546126U

For R.P. MULTIMETALS PVT. LTD. UNIT II

Auth. Signatory

For Jagat Nandan

  
Director/ Auth.

0016541095

2

## Statutory Alert:

1. The authenticity of this Stamp certificate should be verified at 'www.shclsestamp.com' or using e-Stamp Mobile App of Stock Holding. Any discrepancy in the details on this Certificate and as available on the website / Mobile App renders it invalid.
2. The onus of checking the legitimacy lies on the users of the certificate.
3. In case of any discrepancy please inform the Competent Authority 67

**MEMBERSHIP AND WASTE OFFTAKE AGREEMENT**

This **MEMBERSHIP AND WASTE LIFTING AGREEMENT** (hereinafter referred to as 'the agreement') made on \_\_\_\_\_ of the year \_\_\_\_\_ by the amongst:

M/S R.P. Multimetals Private Limited Unit- II having its Registered office at Village Jalalpur, Amloh Road, Mandi Gobindgarh, Fatehgarh Sahib, Punjab Pin code – 147301 (herein after called the 'Operator' which expression shall unless repugnant to the context or meaning thereof, mean and include its successors and permitted assigns) represented by **Sh. Ashish Singla S/o Sh. Narain Singla**, duly authorized by the board of Directors Resolution dated **15-10-2022**.

AND  
**Jagat Metals Pvt. Ltd.**  
VILL. AMBEY MAJRA,  
MANDI GOBINDGARH-147301 (PB.)

(herein after referred to as the 'Generator', which expression shall unless repugnant to context or meaning thereof, mean and include its successors and permitted assigns) represented by **Sh. SATISH KUMAR** S/o Sh. **HARI RAM**, duly authorized by the Board of Directors.

**WHEREAS,**

- The Operator is recycler of Hazardous waste category 35.1 i.e. APCD Dust duly authorized by Punjab Pollution Control Board having authorization of Collection, Storage, Transportation, Reception, Recycling, Treatment and Disposal of the Hazardous waste through its authorization No. HWM/Fresh/FGS/2022/20311318 issued on dated \_\_\_\_\_ valid till \_\_\_\_\_ **VALID FROM - 06-12-2022**  
**VALID UP-TO - 05-06-2023**
- The Generator desires to get its Hazardous Waste i.e. APCD Dust, being generated at their production unit(s) mentioned above as per there valid authorization (Authorization No. \_\_\_\_\_ Dated \_\_\_\_\_ Valid till date \_\_\_\_\_) from Punjab Pollution Control Board to be collected, transported, treated, stored, and disposed of by utilizing the services of the Operator has agreed, on the terms and conditions contained in this Agreement.

**NOW THEREFORE**, in consideration of the premises and of mutual covenant and obligations hereinafter set forth, the parties hereto agree as follows:

**1. DEFINITIONS:**

In this agreement including the recitals hereof, unless the context otherwise requires, the following words and abbreviations shall have the meaning as under:

- '**Agreement**' means this Membership and Waste Lifting Agreement, including the schedules hereto, as of the date hereof as may be amended or supplemented in accordance with the provisions hereof.
- '**HWMF**' or '**Facility**' means Hazardous Waste Management Facility installed by the Operator at Amloh Road, Mandi Gobindgarh, Fatehgarh Sahib, Punjab Pin code – 147301.

For R.P. MULTIMETALS PVT. LTD. UNIT-II

Auth. Signatory

Signature on behalf of Operator

For Jagat Metals (P) Ltd.

Director/Auth. Sign

Signature on behalf of Generator

- c. 'Rules' means the Hazardous Waste and other Waste (Management and Transboundary Movement) Rules, 2016.
- d. 'Manifest' means the manifest prepared in form 10 to the Rules pursuant to the provisions of Rule 7 of the Rules.
- e. 'PCB' means Punjab Pollution Control Board.
- f. 'Production Unit' means the unit of the Generator, where the Hazardous Waste is being generated.
- g. 'Party' means either of the parties of this agreement.
- h. 'CPCB' means Central Pollution Control Board.
- i. 'MOEF' means Ministry of Environment and Forest.
- j. 'APCD' means Air Pollution Control Device.

## 2. SCOPE OF SERVICES:

- 1. The Operator having authorization and facility, for Collection, Storage, Transportation, Reception, Recycling, Treatment and Disposal of the Hazardous Waste.
- 2. The main mode of disposal shall be recycling / reprocessing the Hazardous Waste and extracting zinc from it i.e. APCD Dust.

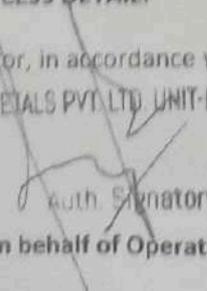
## 3. QUALITY PARAMETERS OF APCD DUST:

- a) Zn more than 20% (for details, please refer of Clause 6 of the agreement).
- b) Moisture less than 1%.
- c) Dust not older than 15 days.
- d) Dust should be filled directly into the HDPE bags.
- e) Bags should be properly sealed.
- f) Dust should be stored in a cool, dry and covered room.
- g) At the time of loading, the dust should not catch moisture.

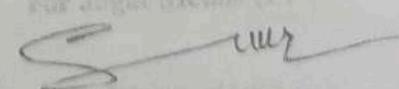
## 4. OBLIGATIONS OF THE GENERATOR:

### I. PROCESS DETAIL:

The Generator, in accordance with the rules, shall provide the entire process details, which lead to  
For R.P. MULTIMETALS PVT. LTD. UNIT-II

  
Auth. Signatory  
Signature on behalf of Operator

4

For Jugal Metals (P)  
  
Signature on behalf of Generator

generation of Hazardous Waste i.e. APCD Dust, to the Operator for the purpose of determining the waste characteristics and to decide parameters for Comprehensive Analysis, as well as its final path way of treatment, storage and disposal before signing the Agreement. In case of any change in process, the Generator shall intimate the Operator before sending the Hazardous Waste i.e. APCD Dust from the changed process to the facility.

## II. WASTE QUANTITIES:

The Generator shall declare the Hazardous Waste quantities as per the HWM Authorization granted at the time of signing the agreement in the format as Annexure (I) to this agreement thereafter on annual basis, at least 15 days before the start of the next year. In case of any change in the waste quantities, the Generator shall give the revised details in the aforesaid format, within 7 days of such change.

## III. CATEGORIZATION OF WASTE:

The responsibility for categorization of hazardous waste i.e. APCD Dust shall be with the Generator, however the Operator shall extend all the possible help and guidance to the Generator for categorization of wastes and its detailed characterization.

In event of any dispute between the Operator and Generator on characterization of waste, process of generation, Stabilization etc. Mutually an independent expert will be appointed who shall carry out the necessary tests and provide the necessary clarifications. The fees and the cost of the Independent Expert shall be borne by the Generator. The result of such tests and clarifications by the independent Expert shall be final and binding on the Operator and Generators.

## IV. SAFETY INFORMATION:

The safety of the community (human, flora and fauna) during transportation is of prime importance and thus, safety information will be provided by the Generator in Form-8 as amended from time to time, as attached to the Rules.

Further, the Generator shall give to the Operator such information as may be specified by PPCB or as may be required by any statutory body.

## V. PACKAGING AND LABELING:

The Generator shall ensure that the Hazardous waste is packaged in a manner suitable for storage and transport and the labeling and packaging shall be easily visible and be able to withstand physical conditions and climate factors. Such packaging and labeling should be in full compliance of the Rules.

## VI. MANIFEST:

The Generator shall provide the Manifest to the Transporter as per the Rules. Upon receipt of a manifested waste, the Operator shall determine if the manifest accurately described the waste it accompanies. Any discrepancy in weight (for shipment over 3%), piece count (for batch or

For R.P. MULTIMETALS PVT. LTD. UNIT 1

Auth. Signatory

Signature on behalf of Operator

For Jagan Metals (P) Ltd.

Director/Auth. Sign

Signature on behalf of Generator

containerized waste shipments, one container per truck load), or waste type are considered significant and should be noted on all copies of the Manifest at the time of signatures. The Operator shall try to reconcile the discrepancy with the transporter and Operators promptly. Any discrepancy not resolved within 15 days of waste receipts shall be reported by Operator to PPCB with an explanatory letter and a copy of manifest.

#### VII. TRANSPORT EMERGENCY (TREM) CARD:

The Generator shall provide the TREM CARD, separately for the waste type, to Operator/Transporter of the waste in Form -9, as amended from time to time, attached to the rules.

#### VIII. COMPREHENSIVE WASTE ANALYSIS:

The Generator shall provide Comprehensive Waste Analysis before signing of the agreement on parameters identified as could be applicable based on the material characteristics/process. The Generators shall, if so requested by the Operator, provide a representative sample of the waste for the purpose of its detailed chemical and physical analysis.

The comprehensive based analysis report shall be used to determine the disposal pathway based on the waste characteristics and as per the Rules and guidelines issued by the Ministry of the Environment and forest, Central Pollution Control Board, Punjab Pollution Control Board and other statutory regulations in respect thereto. Disposal pathway shall be mutually agreed with Generator and Operator and shall form the basis for tariff.

The Generator shall provide fresh comprehensive waste analysis reports in one or more of the followings occasion:

- a) There is a change in waste characteristics;
- b) There is a change in manufacturing process;
- c) There is change in product mix/raw material mix;
- d) An otherwise known reason for change in waste quantities and characteristics;
- e) A period of two years has lapsed since the submission of the previous comprehensive waste analysis.

#### IX. DECLARATION:

The Generator shall give a specific declaration whether or not the Hazardous Waste contains Explosive/Ignitable/Corrosive/Toxic/Odor and other such compounds, which could be detrimental to the environment safety of the facility and to the persons handling it in any manner. The Generator shall be totally responsible for any consequences of non-declaration and the Operator deserves all rights to take any suitable action under the law which shall be binding on the Generator.

For R.P. MULTIMETALS PVT. LTD. UNIT-II

Auth. Signatory

Signature on behalf of Operator

For Jugal Metals (P) Ltd.

Signature

Signature on behalf of Generator

Provided that the Operator reserves the right not to accept such waste which contains Explosive/ignitable/Corrosive/Toxic/Odor and other such compounds, at its discretion and also without completion of the total formalities of understanding the waste and its safe handling transport and disposal mechanisms.

The Generator is responsible to segregate/Store/Accumulate/Fill/Load the Hazardous Waste in the container provided by the Operator in the sanitary manner as per the Rules and so also container area should be accessible to the Operator vehicle to come and to collect the container.

- X. The Operator shall return to the Generators all non-conforming waste that is received by it/send to the facility. The cost of transportation of such non-conforming waste from the facility to the premises of the Generator shall be borne by the Generator.
- XI. In case a waste is classified as explosive in nature the fact has to be informed to the Operator. Detailed information on its characteristics and safe handling practices shall be furnished in advance to the Operator. In case no information is provided or information is held back and in the event of any explosion or accident during transportation and/or during handling, the Generator shall be solely responsible for all associated direct and indirect liabilities.
- XII. In the event of false information to be Operator of any nature is associated with direct and indirect liabilities are the responsibilities of the Generator.
- XIII. The Generator shall be bound to lift APCD Dust only to the Operator authorized from Punjab Pollution Control Board; breach of contract will impose heavy penalties on Generator.

#### 5. OBLIGATIONS OF THE OPERATOR:

- I. The Operator shall accept hazardous wastes at the facility only from the Generators who are the registered members and have appropriate authorization from the PPCB and/all other statutory authorities. The Operator shall plan the schedule for collection, treatment, transportation and disposal of waste as per the mandate given by the Generator and as per the Rules and guidelines issued by the MOEF, CPCB, PPCB and other statutory regulation in respect thereto.
- II. The Operator shall provide to the Generator at its own cost the assistance and facilitation as may reasonably be requested by the Generators, in the classification, segregation and testing of hazardous wastes generated at Operational site of the Generators provided that the Generators shall be responsible for informing the Operator about any change in process that result/ may result in a change in the characteristics of the hazardous waste.
- III. The Operator shall not accept hazardous waste of a type and variety for which it does not have the requisite authorization or capacity.

#### 6. TARIFF& OTHER CONDITIONS:

- I. The Operator shall pay to the Generator, in respect of APCD Dust lifted based on the content of Zn as under:

For R.P. MULTIMETALS PVT. LTD. UNIT-II

Auth. Signatory

Signature on behalf of Operator

For Jagat Metals (P) Ltd.

Director/Auth. Sign

Signature on behalf of Generator

Zn content in APCD Dust	Price to be paid
30% and above	Rs.15000/-
25% to 29.99%	Rs.10000/-
21% to 24.99%	Rs.5000/-
20% and below	No Price/No lifting

- II. The above price shall be finalized on the basis of results/reports of sample testing done at the Operator's end.
- III. In case Zn content is less than 21%, there shall be no lifting of APCD Waste.
- IV. Labor will be provided by Operator for lifting of APCD Dust from Generator Unit but Generator will be responsible for properly filling and sealing dust in bags for timely lifting the dust from Generator unit.
- V. The expenses on loading & transportation shall be borne by the Operator.
- VI. Minimum 03 Ton lot is required for lifting of APCD Waste in one consignment. There shall be no lifting of waste if quantity is less than 3 Ton.
- VII. In case it is found that the APCD Waste is mixed with foreign particles such as sand, garbage, or any other material, the Generator will be charged Rs.10000/- per ton (TSDF Charges) as the Operator need to arrange the lifting of the same by TSDF.
- VIII. On the third (3rd) instance of such findings of the same Generator, the case shall also be referred to the PPCB.
- IX. The validity of the contract shall be for Two Years from the date of signing of the contract.
- X. Transportation penalty Rs.5000/- shall be imposed if booking order not complied within stipulated time period.
- XI. Order for lifting of dust shall be made by Generator within time period of 30 days; however this time period may increase up to 90 days after mutual understanding.
- XII. Above sited tariff and other conditions are applicable for dry bag house APCD waste only.
- XIII. The Operator shall not be bound to lift wet scrubber APCD waste. In case the Operator lifts the same then it shall be without paying any amount.

#### 7. DISPATCH OF APCD WASTE & INVOICING:

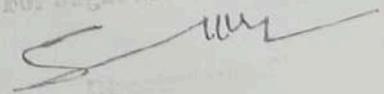
- I. At the time of removal of APCD Waste from the premises of Generator, a delivery challan will be prepared by it giving the required details such as quantity, vehicle number and approximate value of the goods in it. If required, an E-way bill shall also be generated and sent along with delivery challan.

For R.P. MULTIMETALS PVT. LTD. UNIT-II

Auth Signatory

Signature on behalf of Operator

For Jagat Metals (P) Ltd.



Signature on behalf of Generator

- II. Once goods received in the premises of Operator, and rates finalized on the basis of sample testing done, the same shall be communicated to the Generator for issue of the tax invoice.
- III. Based on the final rate as communicated, the Generator shall issue a tax invoice giving reference number of the delivery challan earlier issued and all the details and shall also charge GST on invoice.
- IV. The payment of the invoice will be released within one month after receipt of invoice.
- V. **TERMINATION:** Either party shall have right to terminate the agreement in the event of violation of any of the term and conditions of this agreement by giving 30 days written notice to the other party.

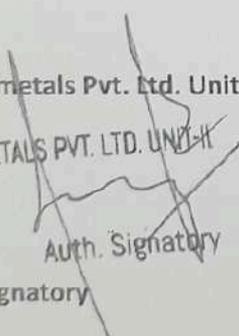
**8. MISCELLANEOUS:**

- I. Nothing contained herein shall be deemed to constitute a partnership, joint venture or agency and parties hereto.
- II. This agreement may be modified or amended only by writing, duly executed by or on behalf of the parties hereto.

**For intimation of lifting of APCD Dust, contact details are as follows:  
Contact Number/Whatsapp: 98884-41919  
E-mail ID: rpmultimetalsunit2@gmail.com**

For R.P. Multimetals Pvt. Ltd. Unit – II  
(Operator)

For R.P. MULTIMETALS PVT. LTD. UNIT-II

  
Auth. Signatory

Authorized Signatory

(Generator)

For Sagar Metals

  
Director

Authorized Signatory

**ANNEXURE - I**

**FORMAT FOR VENDOR DETAILS & DISCLOSURE OF WASTE QUANTITIES & MANDATE FOR DISPOSAL**

**Jagat Metals Pvt. Ltd.**

We, M/s VILL. AMBEY MAJRA, ROBINDGARH-147301 (PB.) hereby declare that based on our industry production and our annual projections, we shall be disposing the Hazardous Waste (Code 35.1) of APCD to M/s R. P. Multimetals Pvt. Ltd. Unit - II.

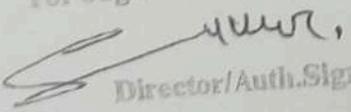
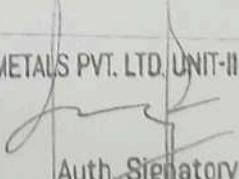
The approximate annual generation of Hazardous Waste will be \_\_\_\_\_ M.T.

The average monthly generation of Hazardous Waste is expected to be as follows:

Month	Quantity	Month	Quantity	Month	Quantity
January		May		September	
February		June		October	
March		July		November	
April		August		December	

Other Details	
1	Contact Details
	Contact Person
	Phone Number
	E-mail ID
2	Commercial Details
	PAN
	GSTIN
3	Bank Details
	Bank Name
	Bank Address
	Account Name
	Account Number
IFSC	

This is to certify that all the above mentioned details are true and correct.

For Jagat Metals (P) Ltd.  Director/ Auth. Sign.		For R.P. MULTIMETALS PVT. LTD. UNIT-II  Auth. Signatory	
Authorized Signatory (Generator)		Authorized Signatory (Operator)	
Name		Name	
Designation		Designation	



Ref. No.....

Dated 23.08.2018**ENVIRONMENT POLICY**

M/s. Jagat Metals Pvt. Ltd. is committed to ensure an eco-friendly environment by establishing, maintaining and continually improving an Environmental Management System with Specific emphasis on following:

- We shall strive to comply with all the applicable environmental and related legal and other requirements and, whenever feasible, strive for 'beyond compliance' leadership.
- We shall communicate our environmental policy to all the employees, customers, business associates and other stakeholders and ensure that the reporting of the environmental related compliance is done through appropriate communication channels.
- We shall engage and involve our customers, vendors and contractors in following our environmental sustainability endeavors by sharing our expectations to collaboratively achieve our environmental objectives and adopting the '3-R' (Reduce, Reuse and Recycle) philosophy.
- To implement all these measures, we shall devise an Environment Management Plan which would consist of all mitigation measures for each activity to be undertaken to minimizing environmental impacts if any.
- We shall review the environmental policy and allied management systems periodically to ensure continuing applicability and relevance to our operations. Preserve and enhance biodiversity in our projects and ardently promote 'green procurement for all our new projects'.

Date: 23.08.2018

For JAGAT METALS PVT. LTD.  
Auth. Sign./Director

SUBJECT TO FATEHGARH SAHIB JURISDICTION ONLY

॥ॐ नमः शिवाय॥

GSTIN : 03AAACJ4217B1ZE

CIN No.: U27201PB1985PTC006105



Email : jagatmpl@yahoo.com  
Website : www.jagatmetals.com

*Jagat Metals Pvt. Ltd.*

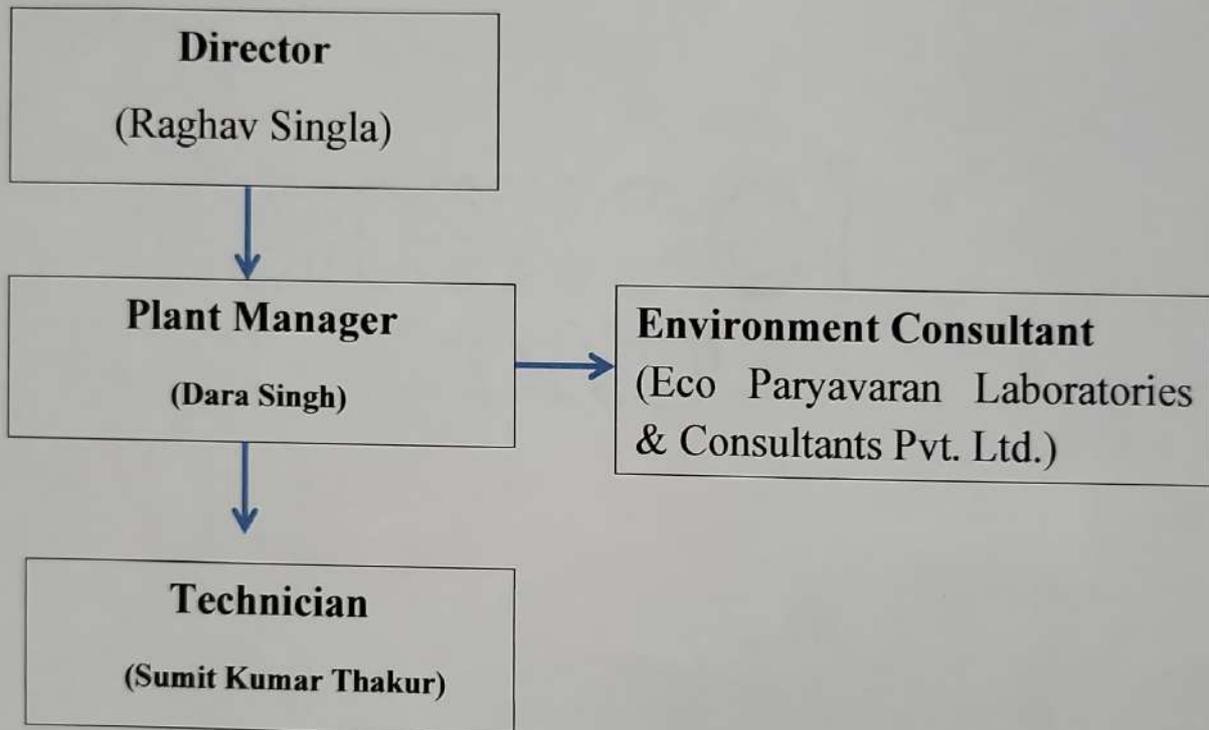
Manufactures of :  
M. S. BILLET, ROUND, BAR, SQUARE & HEXA  
M.: +91- 82888-58970

Ref. No.....

Dated.....

## Environment Management Cell

### (Jagat Metals Pvt. Ltd.)



For Jagat Metals (P) Ltd.

*[Signature]*  
Director/ Auth. Sign.

**From:** JAGAT METALS PVT. LTD <jagatmpl@yahoo.com>

**Sent:** 28 May 2024 17:39

**To:** eecompliance-nro@gov.in <eecompliance-nro@gov.in>; ronz.chd-mef@nic.in <ronz.chd-mef@nic.in>

**Cc:** eerofgs@gmail.com <eerofgs@gmail.com>; seiaapb2017@gmail.com <seiaapb2017@gmail.com>

**Subject:** Fw: Regarding six monthly compliance report of M/s Jagat Metals Pvt. Ltd. for period ending 31.03.2024

Dear Sir,

Greetings of the day!!!

We are hereby submitting six-monthly compliance report for period ending 31.03.2024 for the Steel Manufacturing Unit namely "M/s Jagat Metals Pvt. Ltd." Village Ambey Majra, Near 220 K.V. Power House, Mandi Gobindgarh, Tehsil Amloh, District Fatehgarh Sahib, Punjab.

Kindly acknowledge the receipt of the same.

**Regards**

**M/s Jagat Metals Pvt. Ltd.**



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19.55 MB

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June 19, 2024

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[SMC-30.09.2023-Jagat.pdf](#)

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SUBJECT TO FATEHGARH SAHIB JURISDICTION ONLY

॥ॐ नमः शिवाय॥

GSTIN : 03AAACJ4217B1ZE

CIN No.: U27201PB1985PTC006105



Email : jagatmpl@yahoo.com  
Website : www.jagatmetals.com

**Jagat Metals Pvt. Ltd.**

Manufactures of :  
M. S. BILLET, ROUND, BAR, SQUARE & HEXA

Date: 23.09.2024  
M.: +91-82888-58970

Dated: 30.09.2024

Ref. No.....

To

The Environmental Engineer,  
Punjab Pollution Control Board,  
Regional Office, Mandi Gobindgarh,  
Distt. Fatehgarh Sahib, Punjab

**Subject: Regarding submission of Environment Audit Report (Form-V) for the Financial Year 2023-2024 for the steel manufacturing unit namely "Jagat Metals Pvt. Ltd." located at Village Ambey Majra, Near 220 KV Power House, Mandi Gobindgarh, District Fatehgarh Sahib, Punjab.**

Sir,

We are hereby submitting the Environment Audit Report (Form-V) for the Financial Year 2023-2024 for the steel manufacturing unit namely "Jagat Metals Pvt. Ltd." located at Village Ambey Majra, Near 220 KV Power House, Mandi Gobindgarh, District Fatehgarh Sahib, Punjab.

All relevant details/documents are attached along as annexures for your kind consideration.

Thanking you

Sincerely

For M/s Jagat Metals Pvt. Ltd.

For JAGAT METALS PVT. LTD.

Director/Signo.

(Authorized Signatory)

