



**SG METALS & STEELS
INDIA PRIVATE LIMITED**

GSTIN : 03ABFCS3197K1Z2

PAN : ABFCS3197K

CIN : U27100PB2021PTC052642



77430-04017
94635-55738



sgmetalsandsteels@gmail.com

Date: 29.05.2025

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 and ronz.chd-mef@nic.in)

Subject: Submission of Six Monthly Compliance Report for period ending 31.03.2025 for the Steel Manufacturing Unit "M/s SG Metals and Steels India Pvt. Ltd." located at Village Shahpur, Khanna-Amloh Road, 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 six monthly compliance report for period ending 31.03.2025 for the above said project in soft copy through e-mail for your perusal.

Kindly acknowledge the receipt of the same.

Thanking you.

Sincerely,

For M/s SG Metals and Steels India Pvt. Ltd.
For SG Metals And Steels India Private Limited


Director/Auth. Sign.

(Authorized Signatory)

Name: Ranjeet Singla

Designation: Director

Email: sgmetalsandsteels@gmail.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)
2. **Environmental Engineer**, Punjab Pollution Control Board, Regional Office, RIMT Management College, Mandi Gobindgarh, Distt. Fatehgarh Sahib, Punjab (mail id: eerofgs@gmail.com)

ADDRESS:

Regd. Office : #25, Ground Floor, New Grain Market, Khanna, Ludhiana -141401, Punjab

Works : Vill. Shahpur, Teh. Amloh, Distt. Fatehgarh Sahib -147203

2025

**SIX MONTHLY COMPLIANCE
REPORT
(Period ending 31.03.2025)**

F
OR

For

**M/s SG Metals and Steels India
Pvt. Ltd.**

At

**Village Shahpur, Khanna-Amloh
Road, Tehsil Amloh,
District Fatehgarh Sahib, Punjab**

Prepared by:



**Eco Paryavaran Laboratories and Consultants
Private Limited**

E-207, Industrial Area, Phase-VIII B (Sector-74), Mohali (SAS Nagar),
Punjab 160071

Tele No.: 0172-4616225 **email:** compliance@ecoparyavaran.org

M: 098140-03103, 088720-43178

www.ecoparyavaran.org



CONTENT

S. No.	Description	Page No.
1.	Data Sheet	1
2.	Compliance of Environmental Clearance conditions	5
Annexure		
3.	A-1(a): Environmental Clearance letter	16
	A-1(b): Environmental Clearance letter for expansion	31
4.	A-2: Photographs of the project	44
5.	A-3: Consent to Operate obtained from PPCB	47
6.	A-4: Permission from PWRDA regarding ground water abstraction	64
7.	A-5: Authorization of Hazardous waste obtained from PPCB	66
8.	A-6: Test reports of Ambient air, Noise, Ground water and Soil	72
9.	A-7(a): Completion certificate of APCD	82
10.	A-7(b): Agreement for disposal of APCD Dust	83
11.	A-8: Pond NOC obtained from Sarpanch of the Village	92
12.	A-9: Environment Policy of the Company	93
13.	A-10: Proof of CER activity	94
14.	A-11: Copy of advertisement published in the newspaper	95
15.	A-12: Screenshot showing submission of six monthly compliance report for period 30.09.2024 via e-mail	97
16.	A-13: Slag Agreement	98
17.	A-14: Resolution for change of directors	99

Ministry of Environment, Forests & Climate Change
Northern Region Office
Chandigarh-160 030

Data sheet

1.	Project Type	3(a): Metallurgical Industries (Ferrous & Non-ferrous Alloys)
2.	Name of the Project	M/s SG Metals and Steels India Pvt. Ltd.
3.	Clearance letter (s) O.M. No. & Date	Environment Clearance has been granted by SEIAA, Punjab vide EC Identification No. EC22B008PB110788 dated 02.03.2022; copy of the EC letter is enclosed as Annexure 1(a) . Further expansion in EC letter has been granted by SEIAA, vide EC Identification No. EC24B1011PB5709099N dated 09.08.2024 under para 7(ii)(a) of EIA Notification 2006; copy of the EC letter is enclosed as Annexure 1(b)
4.	Location	M/s SG Metals and Steels India Pvt. Ltd. Village Shahpur, Khanna-Amlloh Road, Tehsil Amlloh, District Fatehgarh Sahib, Punjab
a)	District(s)	Fatehgarh Sahib
b)	State(s)	Punjab
5.	Address for correspondence	M/s SG Metals and Steels India Pvt. Ltd. Village Shahpur, Khanna-Amlloh Road, Tehsil Amlloh, District Fatehgarh Sahib, Punjab Pin code-147301
6.	Salient features	
a)	Of the Project	As per the Environmental Clearance letter, total area of the project is 16,661.71 sq.m. The production capacity of the industrial unit will be 1,86,000 TPA of Steel Ingots/Billets and rolled products by installation of 1 Induction Furnaces of capacity 25 TPH and already installed rolling mill.
b)	Of the environment	As per the Environmental Clearance, total water requirement of the project will be 63 KLD which will be met through bore wells. Out of this, 4.5 KLD will be domestic water demand and 40 KLD will be make-up water demand for cooling purpose. and 18 KLD will be water demand for green area. Domestic wastewater generated from the project will be 3.6 KLD which will be treated in proposed STP of capacity 25 KLD and treated water will be reutilized for cooling purpose within project premises. Proposed power load is estimated to be 13,000 KVA which will be taken from the Captive Power Plant to be installed by M/s Shree Ganesh Edibles (P) Ltd.

7.	Breakup of the Project Area																					
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/ landless laborers/ artisans.	Not applicable																				
a)	SC/ST/ Adivasis	Not applicable																				
b)	Others (Please indicate whether these figures are based 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.	As per the EC letter, the project cost is Rs. 36.42 Crores. Revised cost of project is Rs. 75.51 Crores.																				
b)	Allocations made for environmental management plan with item wise and year of assessment.	<p>Allocations made for environment management plan are given below:</p> <table border="1"> <thead> <tr> <th>S. No.</th> <th>Environment protection Measures</th> <th>Capital Cost (as per EC accorded) (Rs. in lakhs)</th> <th>Capital Cost (as per EC expansion) (Rs. in lakhs)</th> <th>Recurring Cost (Rs. in lakhs/ year)</th> </tr> </thead> <tbody> <tr> <td>1.</td> <td>Air Pollution Control</td> <td>140</td> <td>200</td> <td>10</td> </tr> <tr> <td>2.</td> <td>Water Pollution Control</td> <td>5</td> <td>-</td> <td>3</td> </tr> <tr> <td>3.</td> <td>Noise Pollution</td> <td>10</td> <td>5</td> <td>5 (for 3 years)</td> </tr> </tbody> </table>	S. No.	Environment protection Measures	Capital Cost (as per EC accorded) (Rs. in lakhs)	Capital Cost (as per EC expansion) (Rs. in lakhs)	Recurring Cost (Rs. in lakhs/ year)	1.	Air Pollution Control	140	200	10	2.	Water Pollution Control	5	-	3	3.	Noise Pollution	10	5	5 (for 3 years)
S. No.	Environment protection Measures	Capital Cost (as per EC accorded) (Rs. in lakhs)	Capital Cost (as per EC expansion) (Rs. in lakhs)	Recurring Cost (Rs. in lakhs/ year)																		
1.	Air Pollution Control	140	200	10																		
2.	Water Pollution Control	5	-	3																		
3.	Noise Pollution	10	5	5 (for 3 years)																		

			Control			
		4.	Solid Waste Management	5	-	1
		5.	Environment monitoring & Management	3	-	5
		6.	Health, Safety & Risk Assessment	5		1
		7.	Rain Water Recharging outside the project premises	10		1
		8.	Miscellaneous	2		0.5
		9.	CER activities	4	10	-
			Total	Rs. 184 lakhs	215 lakhs	Rs. 25.5 lakhs
c)	Benefit cost ratio/ Internal rate of return and year of assessment.	Will be submitted separately.				
d)	Whether (c) includes the cost of environmental management as shown in (b) above.	Yes, cost benefit ratio will be worked out considering the cost of environment management.				
e)	Actual expenditure incurred on the project so far.	Actual expenditure done on the project till 31 st March 2025 is Rs. 75.51 Crores.				
f)	Actual expenditure incurred on the environmental management plans so far.	Actual expenditure done on environment management plan till 31 st March 2025 is Rs. 2.0147 Crores. Breakup of the same is as per table below:				
		S. No.	Environment protection Measures	Cost (Rs. in lakhs)		
		1.	Air Pollution Control (Installation of APCD, OCEMS & AAQMS)	200.47		
		2.	Green area development	0.0675		
		3.	Miscellaneous	0.9325		
10.	Forest lands requirement:					
a)	The status of approval for diversion of forest land for non-forestry	Not applicable				

	use.	
b)	The status of clear felling.	Not applicable
c)	The status of compensatory a forestation programmer in the light of actual field experience so far.	Not applicable
11.	The status of clear felling in non-forest areas (such as submergence area of reservoir, approach road) if any, with quantitative information.	Not applicable
12.	Status of construction	No new machinery has been installed in project premises. Photographs project is enclosed as Annexure 2.
a)	Date of commencement (actual and/or planned).	June, 2022 (For the existing production) In terms of expansion under 7(ii)(a) commencement of the project is yet to be done.
b)	Date of completion (actual and/ or planned).	December,2025
13.	Reasons for the delay if the project is yet to start.	Not applicable

**Compliance Report on conditions imposed in Environmental Clearance for period ending
31.03.2025**

Additional Conditions:

S. No.	Compliance conditions	Reply
i.	The industry shall submit the progress of developing the green belt in the six-monthly compliance report	Agreed. Same shall be complied.
ii.	The industry shall install an online monitoring system at the inlet as well as at the outlet of each APCD for monitoring SPM	Agreed.
iii.	The Project proponent shall submit compliance of the action plan proposed to address the public hearing issues along with the six-monthly compliance report of EC condition on Parivesh Portal	Public hearing is not applicable to project
iv.	The project proponent shall maintain the green belt properly and in healthy condition	Agreed. Adequate green area has been developed by industry.
v.	This environmental clearance will be valid for a period of ten years from the date of its issue as per MoEF & CC, GoI notification No. S.O. 1807 (E) dated 12.04.2022 or till the completion of the project, whichever is earlier	Agreed.

I. Statutory compliance

S. No.	Compliance conditions	Reply
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 in the project.
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	Not applicable as no schedule-I species falls within 10 km of study area.

	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.	Agreed. Consent to Establish will be obtained from PPCB prior to installation of new machinery. Further, Consent to Operate has been obtained (Air & Water) from PPCB; copy of the same is enclosed as Annexure 3 .
v.	The project proponent shall obtain the necessary permission from the Central Ground Water Authority/competent authority concerned, in case of drawl of ground water and also 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 the competent authority.	As per the latest Notification, CGWA is not processing ground water applications for Punjab State. Consequently, Punjab Ground Water Regulation & Development Authority (PWRDA) has been constituted to grant NOC's for abstraction of ground water. Thus, ad-interim permission has been obtained from PWRDA regarding abstraction of ground water; copy of the same is enclosed as Annexure 4 .
vi.	The project proponent shall obtain authorization under the Hazardous and other Waste Management Rules, 2016 as amended from time to time.	Authorization of hazardous waste has been obtained from PPCB; copy of the same is enclosed as Annexure 5 .
vii.	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 types of units.	Siting criteria, standard operating practices, code of practice and guidelines as prescribed by the PPCB/CPCB/MoEF&CC for such type of units are being complied.
viii.	The project proponent shall comply with the CLU conditions imposed by the competent authority, if any.	Conditions imposed in change of landuse (CLU) are 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 the inlet as well as the outlet (stack) of each APCD to monitor the SPM concentration with respect to standards prescribed in the	Continuous emission monitoring system has been installed on Induction Furnaces. Further, as per EC expansion continuous emission monitoring system will be installed after installation of

	Environment (Protection) Rules 1986 vide G.S.R 277 (E) dated 31 st march 2012 (applicable to IF/EAF) as amended from time to time; S.O. 3305 (E) dated 7 th 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 specifications through labs recognized under Environment (Protection) Act, 1986 or NABL accredited laboratories.	new induction furnace.
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.	Agreed. Work zone monitoring will be done on quarterly basis by NABL accredited laboratory after expansion of industry
iii.	The project proponent shall install a system to carryout Continuous Ambient Air Quality monitoring for parameters relevant to the main pollutants released (e.g. PM ₁₀ and PM _{2.5} in reference to PM emission, and SO ₂ and NO _x in reference to SO ₂ and NO _x 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.	Continuous ambient air quality monitoring system has been installed at designated locations. Photographs showing the same is attached as Annexure 2.
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.	Agreed. Test reports of monitoring are being submitted to RO, MoEF&CC, Chandigarh, SEIAA, Punjab and RO, PPCB. Recent monitoring of ambient air quality is being done by NABL accredited laboratory and test reports are enclosed as Annexure 6.
v.	Appropriate Air Pollution Control (APC) system shall be provided for all the dust generating points including fugitive dust from all vulnerable sources.	Agreed. Common twin cyclone followed by Bag Filter House has been installed as APCD as per the design approved by Punjab State Council for Science & Technology (PSCST), Chandigarh. Completion Certificate of same is attached as Annexure 7(a). Further, fugitive emissions will be very

		less during feeding and that too temporary in nature.
vi.	The project proponent shall provide leakage detection and mechanized bag cleaning facilities for better maintenance of bags.	Leakage detection and bag cleaning facilities will be provided for maintenance of bags.
vii.	Sufficient number of mobile or stationery vacuum cleaners shall be provided to clean plant roads, shop floors, roofs, regularly.	Agreed. Vacuum cleaners will be provided to clean internal roads, shop floors, roofs etc.
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 should be ensured.	Agreement has been done with Jogindra Castings Pvt. Ltd. for disposal of APCD dust; copy of the same is enclosed as Annexure 7(b) .
ix.	The project proponent shall use leak proof trucks/ dumpers carrying coal and other raw materials and cover them with tarpaulin.	Agreed. Trucks used for carrying the raw materials (i.e. scrap) is covered with tarpaulin.
x.	The project proponent shall provide covered sheds for raw materials like scrap and sponge iron, lump ore, coke, coal, etc.	Agreed. Raw materials (i.e. scrap) is being kept under covered sheds.
xi.	The project proponent shall provide primary and secondary fume extraction system at all melting furnaces.	Agreed. Secondary fume extraction system will be installed after expansion of industry
xii.	Design and implementation of the ventilation system for adequate air changes as per ACGIH document for all tunnels, motor houses, Oil Cellars should be ensured.	Agreed.

III. Water quality monitoring and preservation

S. No.	Compliance conditions	Reply
i.	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.	Agreed. Ground water quality monitored is being carried out on half yearly basis by NABL accredited laboratory. Recent monitoring has been done and test reports are enclosed as Annexure 6 .
ii.	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.	Agreed.
iii.	The project proponent shall practice rainwater harvesting to the maximum possible extent. As an additional safety measure, the stream carrying waste water of the village shall be diverted in one	Rain water recharging will be done outside of project premises by adopting pond. Thus, pond located in the Village Salana, Jivan Singh Wala

	corner of Phytoid plants trench (designed based on the technology developed by CSIR-NEERI's) divided into different parts, the overflow of each chamber shall be allowed to enter into another chamber which will ultimately lead to the purification of water and collected into the 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.	has been adopted and NOC has been obtained from Sarpanch of the village; copy of the same is enclosed as Annexure 8 . Cleaning work of pond has been initiated
iv.	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, as water efficient machinery is installed.

IV. Noise monitoring and prevention

S. No.	Compliance conditions	Reply
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.	Monitoring of ambient noise is being done on half yearly basis by NABL accredited laboratory and submitted to RO, MoEF&CC with six monthly compliance report. Recent monitoring has been done and test reports are enclosed as Annexure 6 .
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.	Agreed.

V. Energy Conservation measures

S. No.	Compliance conditions	Reply
i.	The project proponent shall practice hot charging of slabs and billets/ blooms as far as possible.	Agreed.
ii.	The project proponent shall 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.	Agreed.
iii.	The project proponent shall provide LED lights in their offices and residential areas.	LED lights will be provided in offices and sheds.

VI. Waste Management

S. No.	Compliance conditions	Reply
i.	Used refractories shall be recycled as far as possible.	Agreed.
ii.	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.	PPC cement is used which constitute of fly-ash. Further, slag generated from the unit given to M/s Ganpati Tiles for co-processing. Agreement has been done in this regard; copy of same is attached as Annexure 13 .
iii.	Kitchen waste shall be composted or converted to biogas for further use.	Agreed.

VII. Green Belt.

S. No.	Compliance conditions	Reply
i.	“Green belt” shall be developed in an area of 8,968.40 sqm with native tree species in accordance with SEIAA guidelines. The Project Proponent will plant 1305 saplings of indigenous tree species of at least 8 feet height and healthy growth in 8,968.40 sqm. permanent green area. The balance plantation activity should be completed within 6 months	Agreed. Development of green belt has been completed; photographs showing the same is attached as Annexure 2 .
ii.	The Project Proponent shall develop a green belt with native tree species (having canopy type structure and especially trees, and not grass) before the completion of the project. The greenbelt shall inter alia cover the entire periphery of the unit. The canopy trees shall also be planted around the parking area to provide shade to the parked vehicles	Agreed. Green area has been developed by the industry.
iii.	The proponent shall make adequate provision of funds for raising the plantation and subsequent maintenance for three years in the Environment Management Plan	Agreed, same shall be complied.
iv.	The project proponent shall submit the progress of developing the green belt in the six-monthly compliance report	Agreed. Photographs of green area showing progress in green area is attached as Annexure 2 .

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 prepared considering the possible hazards, Risk Assessment and Disaster Management.
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.	Heat stress analysis will be conducted for workers working in high temperature work zone. Also, Personal Protection Equipment's (PPE) will be provided for workers safety.
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.	Regarding construction of the sheds local labours were hired. Thus, no separate temporary hutments were required for construction labours. Further, provision of facility of clean drinking water, toilets etc. provided to construction workers
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. Also, regular health checkup of the workers is being done.
v.	The project proponent shall carry out the activities apart from CER activities and spent an amount as committed during the Public Hearing as Public Hearing Action Plan.	Public Hearing is not applicable to the project. As EC expansion is granted to project under para 7(ii)(a).

IX. Environment Management Plan

S. No.	Compliance conditions	Reply
i.	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/ violations 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 to all/ or shareholders/ stakeholders. A copy of the board resolution in this regard shall be submitted to the MoEF&CC as a part of the six-monthly report.	Company has its well defined Environment Policy; copy of the same is enclosed as Annexure 9 .
ii.	A separate Environmental Cell both at the project and company headquarters level, with qualified personnel shall be set up under the control of the Senior Executive, who will directly report to the head of the organization.	Environment management cell has been constituted to deal with

					environment related matters.
iii.	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. An action plan for implementing following activities under EMP, Additional Environmental Activities and environmental conditions along with the responsibility matrix of the company shall be prepared and shall be duly approved by the competent authority				Agreed. Same shall be complied and details of the same shall be submitted with six monthly compliance report.
	S. No.	Environment protection Measures	Capital Cost (as per EC accorded) (Rs. in lakhs)	Capital Cost (as per EC expansion) (Rs. in lakhs)	Recurring Cost (Rs. in lakhs/year)
	1.	Air Pollution Control (Installation of APCD on new Induction Furnace along with continuous mission monitoring system)	140	200	10
	2.	Water Pollution Control (Installation of STP of capacity 5 KLD)	5	-	3
	3.	Noise Pollution Control (Including cost of landscaping & green belt and provision of acoustic enclosure of DG set and ear plugs etc. for workers)	10	5	5 (for 3 years)
	4.	Solid Waste Management (disposal of domestic solid waste, slag and hazardous waste)	5	-	1

5.	Environment monitoring & Management	3	-	5	
6.	Health, Safety & Risk Assessment (Medical check-up, ESI & PPE kit for workers)	5	-	1	
7.	Rain Water Recharging outside the project premises (pond adoption)	10	-	-	
8.	Miscellaneous	2	-	0.5	
Total		Rs. 180 lakhs	Rs. 205 lakhs	Rs. 25.5 lakhs	

Sr. No.	Description	Amount (Rs. in lakhs)
1.	Deposition of funds under Greening Punjab Mission through concerned DFO	10
Total		10

The Project Proponent shall complete the implementation of the activity prescribed in the AEA plan as above within 06 months.

CER activities for previous EC has been done. Additional Environment Activities will be done for the present EC before December 2025. In addition to this, Rs. 50,000 has been given to Gram panchayat for Environment protection; copy of acknowledgement is attached as **Annexure 10.**

iv.	The entire cost of the environmental management plan will continue to be borne by the project proponent throughout the life of the Project	The entire cost of EMP will be borne by the company.
v.	Year-wise progress of implementation of action plan shall be reported to the Ministry/ Regional Office along with the Six-Monthly Compliance Report along with the Six-Monthly Compliance Report.	Action plan will be submitted.
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 be implemented.	Agreed
------	--	--------

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.	Advertisement has been published in the newspaper regarding grant of EC letter; copy of the advertisement is enclosed as Annexure 11 . Also EC letter has been submitted 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.	Environment Clearance letter has been submitted to concerned local 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.	Compliance report along with the data monitored has been uploaded on Company's website.
iv.	The project proponent shall monitor the criteria pollutants level namely; PM ₁₀ , SO ₂ , NO _x (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 will be displayed at convenient location near main gate. Details of the criteria pollutants has been uploaded on Company's website along with six monthly compliance report.
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 is being submitted regularly on half yearly basis. Screenshot showing submission of compliance report via e-mail for period ending 30.09.2024 is enclosed as Annexure 12 .
vi.	The project proponent shall submit the environmental statement for each financial	Agreed. Form V will be submitted to PPCB.

	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 of the ministry and PPCB, 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.	Agreed. Consent to Establish will be obtained from PPCB prior to installation of machinery Further, Consent to Operate has been obtained from PPCB; copy of the same is enclosed as Annexure 4 .
viii.	The project authorities must strictly adhere to the stipulations made by the State Pollution Control Board and the State Government.	Agreed. Stipulations made by the Punjab Pollution Control Board and State Government will be followed strictly.
ix.	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 SEAC and SEIAA.	Agreed. The same shall be followed.
x.	No further expansion or modifications in the project shall be carried out other than those permitted in this EC without prior approval of SEIAA. In case of deviation or alterations in the project proposal from those submitted to the Ministry/ SEIAA for clearance, a fresh reference shall be made to the Ministry/ SEIAA, as applicable, to assess the adequacy of conditions imposed and to add additional environmental protection measures required, if any.	Agreed. If any changes or further expansion will be done, then fresh application will be submitted to SEIAA, Punjab.
xi.	The Regional Office, MoEF&CC, Chandigarh, Punjab Pollution Control Board and SEIAA/ SEAC members nominated for the purpose shall monitor compliance of the stipulated conditions. The project authorities should extend full cooperation to the officer(s) entrusted with this monitoring by furnishing the requisite data/ information/ monitoring reports.	Agreed. Full cooperation will be given to the officers.

ENVIRONMENTAL
CLEARANCE

Government of India
Ministry of Environment, Forest and Climate Change
(Issued by the State Environment Impact Assessment
Authority(SEIAA), Punjab)

To,

The Director
 M/S SG METALS AND STEELS INDIA PVT. LTD.
 Village Shahpur, Khanna-Amlah Road, Tehsil Amlah, Mandi Gobindgarh,
 Distt. Fatehgarh Sahib, Punjab -147301

Subject: Grant of Environmental Clearance (EC) to the proposed Project Activity under the provision of EIA Notification 2006-regarding

Sir/Madam,

This is in reference to your application for Environmental Clearance (EC) in respect of project submitted to the SEIAA vide proposal number SIA/PB/IND/63190/2021 dated 01 Feb 2022. The particulars of the environmental clearance granted to the project are as below.

- | | |
|--|--|
| 1. EC Identification No. | EC22B008PB110788 |
| 2. File No. | SEIAA/PB/IND/2022/EC/03 |
| 3. Project Type | New |
| 4. Category | B1 |
| 5. Project/Activity including Schedule No. | 3(a) Metallurgical industries (ferrous & non ferrous) |
| 6. Name of Project | Proposed Steel manufacturing unit namely "M/s SG Metals and Steels India Pvt. Ltd." at Village Shahpur, Khanna-Amlah Road, Tehsil Amlah, Mandi Gobindgarh, Distt. Fatehgarh Sahib, Punjab. |
| 7. Name of Company/Organization | M/S SG METALS AND STEELS INDIA PVT. LTD. |
| 8. Location of Project | Punjab |
| 9. TOR Date | 23 Jul 2021 |

The project details along with terms and conditions are appended herewith from page no 2 onwards.

Date: 02/03/2022

(e-signed)
Rajesh Dhiman, IAS
 Member Secretary
 SEIAA - (Punjab)

Note: A valid environmental clearance shall be one that has EC identification number & E-Sign generated from PARIVESH. Please quote identification number in all future correspondence.

This is a computer generated cover page.

PARIVESH

*(Pro-Active and Responsive Facilitation by Interactive,
 and Virtuous Environmental Single-Window Hub)*



This has reference to your online proposal no. SIA/PB/IND/63190/2020 dated 01.02.2022 for environmental clearance to the above-mentioned project.

2) State Environment Impact Assessment Authority (SEIAA), Punjab has examined the proposal for establishment of steel manufacturing unit namely M/s SG Metals and Steels India Pvt. Ltd. having production capacity of 1,55,000 TPA of Ingots/ Billets or 1,50,000 TPA of Strips/Bars by installing 2 x 12.5 TPH of Induction Furnaces (IFs) and a Rolling Mill at Village Shahpur, Khanna-Amlloh Road, Tehsil Amlloh, Distt. Fatehgarh Sahib, Punjab. The project is covered under category 'B1' of activity 3 (a); 'Metallurgical Industries (Ferrous & Non-Ferrous)' as per the Schedule appended to the EIA Notification 14.09.2006 and its subsequent amendments and requires appraisal at State level.

3) State Environment Impact Assessment Authority (SEIAA), Punjab has granted Terms of Reference (TOR) vide letter no. SEIAA/MS/2021/4578 dated 23.07.2021 to the project proponent. Punjab Pollution Control Board has conducted the public hearing for the project on 12.10.2021.

4) The proposal has been appraised as per the procedure prescribed under the provisions of EIA Notification 14.09.2006 on the basis of mandatory documents enclosed with application viz Form-2, EIA, EMP and additional documents and subsequent presentation /clarifications made by the project proponent and his consultant to the observations of SEIAA and SEAC.

5) As per the report of Punjab Pollution Control Board sent by vide letter no. 26277 dated 10.12.2021, no construction activity has been started at the site and the proposed site of the industry conforms to general siting guidelines laid down by the Board vide circular No EE(Mega)/2013/19650-19761 dated 30.01.2013 .

6) This is a new project. The details of the project, as per the application and documents/ presentation submitted by the project proponent and also as informed during the meetings of SEAC/SEIAA are as under:

Sr. No.	Item	Details
1.	Name & Location of the project	M/s SG Metals and Steels India Pvt. Ltd. Village Shahpur, Khanna-Amlloh Road, Tehsil Amlloh, Distt. Fatehgarh Sahib, Punjab
2.	Nature of project	Fresh EC
3.	Latitude & Longitude	A: 30°39'17.13"N, 76°13'57.75"E B: 30°39'17.09"N, 76°14'1.00"E C: 30°39'17.62"N, 76°14'1.07"E D: 30°39'17.56"N, 76°14'4.37"E E: 30°39'25.36"N, 76°14'4.70"E F: 30°39'25.37"N, 76°14'5.06"E G: 30°39'15.06"N, 76°14'4.88"E

		H: 30°39'15.17"N, 76°13'57.78"E		
4.	Project/activity covered	(a) B-1 (b) Metallurgical Industries (Ferrous & Non-ferrous) & Schedule 3(a) as per EIA notification-2006.		
5.	Classification/Land use pattern as per Master Plan	Industrial Zone.		
6.	Cost of the project	Rs. 26.42 Crores		
7.	Plot Area Details	Sr. No.	Description	Area (in sqm)
		1.	Total Plot Area	16661.71
		2.	Proposed covered area	6,733.27
		3.	Other covered areas	177.03
		4.	Passage & Staff parking area	4444.69
		5.	Open and other areas	1,936.80
8.	Green Area Details	1.	Green area inside the industrial unit (@ 20.22%)	3,369.88 sqm
		2.	Green area outside the industrial unit (@13%)	2172.39 sqm
		Total Green Area (33.22 %)		5,542.27 sqm
9.	Raw Material details	Raw Materials		Proposed (TPA)
		MS Scrap & Ferro Alloys		1,70,500
10.	Production Capacity details	Product Name		Proposed (TPA)
		Steel Ingots/Billets or Strips/ Bars		1,55,000 or 1,50,000
11.	Details of major productive machinery/ plant	Description		Capacity
		Induction Furnace		2X12.5 TPH
		CCM		01 No.
		Rolling Mill		01 No.
		Scrap Processing Machine		4
		Others		As proposed.

12.	Details of technology proposed for control of emissions & effluents generated from project	Details of APCD/STP		Technology	
		APCD attached with Induction Furnaces of capacity 2 x 12.5 TPH		Separate side suction hood followed by Pulse Jet Bag Filter of Capacity 60000 CMH each with offline cleaning technology and stack height of 30 m as per design provided by PSCST, Chandigarh	
		STP of capacity 5 KLD		MBBR	
13.	a) Manpower Req. b) No. of working days	100 350 days			
14.	Breakup of Water Requirements & its source in Operation Phase	Description		Total Requirement	
		Domestic Water Demand		4.5 KLD	
		Cooling (Makeup water)		40 KLD	
		Green Area Water demand		18.5 KLD	
		Total		63 KLD	
Source: 59.5 KLD will be met from ground water and remaining from treated waste water.					
15.	Waste water generation & its disposal Arrangement in Operation Phase	Description	Proposed	Mitigation Measures/Remarks	
		Industrial Effluent	NIL	No generation of industrial effluent	
		Domestic	3.6 KLD	Will be treated in STP of Capacity 05 KLD & same will be used in cooling purposes.	
16.	Hazardous Waste Generation details & their storage, utilization and its disposal.	Waste Category	Proposed	Disposal	
		35.1; Flue gas cleaning residue	1.2 TPD or 420 TPA	Sold to approved re-processors	
17.	Solid Waste generation and its mode of disposal	Details	Unit	Total Quantity	Disposal method
		Slag	TPD	14.5 TPD	Sent to M/s Ganpati Tiles for which agreement has been made.

18.	Energy requirements & savings	<p>a. 13000 KVA energy will be taken from the Captive Power Plant to be installed by M/s Shree Ganesh Edibles (P) Ltd.</p> <p>b. <u>Energy Saving measures:</u></p> <p>i) LEDs will be used in place of CFL</p> <p>ii) Energy efficient Induction Furnaces and other machinery will be installed</p>
-----	-------------------------------	--

7) As per the undertaking submitted by Project Proponent, the proposal neither requires approval/clearance under the Forest (Conservation) Act,1980 nor under the Wildlife (Protection) Act,1972. Also, no litigation is pending in respect of the land on which the project is to be developed.

8) The SEAC, constituted under the provision of the EIA Notification, 2006 and comprising of Experts Members/domain experts in various fields, has examined the proposal submitted by the project proponent in desired form along with the EMP report prepared and submitted by the Consultant accredited by the QCI/NABET on behalf of the project proponent in its 211th meeting held on 09.02.2022. The SEAC noted that the project proponent has given undertaking that the data and information given in the application and enclosures are true to the best of his knowledge and belief and no information has been suppressed in the report. If any part of data/information submitted is found to be false/misleading at any stage, the project may be rejected and Environmental Clearance given, if any, may be revoked at the risk and cost of the project proponent.

9) The Committee noted that the project proponent has provided adequate and satisfactory clarifications to the observations raised by it. Therefore, the Committee decided to forward the case to the SEIAA with the recommendation to grant Environmental Clearance for establishment of steel manufacturing unit namely M/s SG Metals and Steels India Pvt. Ltd. having production capacity of 1,55,000 TPA of Ingots/ Billets or 1,50,000 TPA of Strips/Bars by installing 2 x 12.5 TPH of Induction Furnaces (IFs) and a Rolling Mill at Village Shahpur, Khanna-Amluh Road, Tehsil Amluh, Distt. Fatehgarh Sahib, Punjab as per the details mentioned in the application proposal & subsequent presentation /clarifications made by the project proponent and his consultant

10) The case was lastly considered by the SEIAA in its 201st meeting held on 22.02.2022 wherein SEIAA observed that the case stands recommended by SEAC. 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 the Environmental Clearance for establishment of steel manufacturing unit namely M/s SG Metals and Steels India Pvt. Ltd. having production capacity of 1,55,000 TPA of Ingots/Billets or 1,50,000 TPA of Strips/Bars by installing 2 x 12.5 TPH of Induction Furnaces (IFs) and a Rolling Mill at Village Shahpur, Khanna-Amluh Road, Tehsil Amluh, Distt. Fatehgarh Sahib, Punjab as per the details mentioned in Form 2, EIA report and subsequent presentation /clarifications made by the project

proponent and his consultant with proposed measures, conditions as proposed by SEAC in addition to the proposed measures.

11) Accordingly, SEIAA, Punjab hereby accords Environmental Clearance to the aforesaid project under the provisions of EIA Notification dated 14.09.2006 and its subsequent amendments subject to proposed measures and 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 Punjab Pollution Control Board.
- v. The project proponent shall obtain the necessary permission from the Central Ground Water Authority/competent authority concerned, in case of drawl of groundwater and also 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 the competent authority.
- vi. The project proponent shall obtain authorization under the Hazardous and other Waste Management Rules, 2016 as amended from time to time.
- vii. 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.
- viii. The project proponent shall comply with the CLU conditions imposed by the competent authority, if any.

II. Air quality monitoring and preservation

- i. The project proponent shall install 24x7 continuous emission monitoring system at the inlet as well as at the outlet (stack) of each APCD to monitor the SPM concentration with respect to standards prescribed in Environment (Protection) Rules 1986 vide G.S.R 277 (E) dated 31st 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 systems 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 a system to carry out Manual Ambient Air Quality monitoring for parameters relevant to the main pollutants released (e.g. PM₁₀ and PM_{2.5} in reference to PM emission, and SO₂ and NO_x in reference to SO₂ and NO_x 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.
- 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.
- 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, etc. regularly.
- 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 should be ensured.
- 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 and implementation of the ventilation system for adequate air changes as per the ACGIH document for all tunnels, motor houses, Oil Cellars should be ensured.

III. Water quality monitoring and preservation

- i. 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.
- ii. The project proponent shall adhere to 'Zero Liquid Discharge'.
- iii. STP of 05 KLD shall be provided for treatment of domestic wastewater to meet the prescribed standards.
- iv. 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.
- v. The project proponent shall practice rainwater harvesting to the maximum possible extent. For this, a pond at Village- Salana, Jiwan Singh Wala has been adopted. 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 into different parts, the overflow of each chamber shall be allowed to enter into another chamber which will ultimately lead to the purification of water and collected into the 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.
- vi. A tank of 10 KLD shall be constructed for inside rain water harvesting using roof top of the project site.
- vii. 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 the report in this regard shall be submitted to the 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 practice hot charging of slabs and billets/blooms as far as possible.

ii. The project proponent shall 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.

iii. The project proponent shall provide LED lights in their offices and residential areas.

VI. Waste management

i. Used refractories shall be recycled as far as possible.

ii. 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.

iii. The waste oil, grease and other hazardous waste shall be disposed of as per the Hazardous & Other waste (Management & Transboundary Movement) Rules, 2016.

iv. Kitchen waste shall be composted or converted to biogas for further use.

VII. Green Belt

i. Green belt shall be developed in an area of 5542.28 sqm (equal to 33% of the plant area) with native tree species in accordance with SEIAA guidelines. Total 831 trees (minimum 6 feet height) of indigenous species such as Neem, Drek, Kusum, Kadam, Banyan, Peepal, Amaltas, Arjun, Chakarasia etc will be planted.

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 activities apart from CER activities and spent an amount as commuted during the public hearing as per the public hearing action plan.

IX. Environment Management Plan

i. 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 / 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.

- ii. 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.
- i. 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 184 Lacs towards the capital cost and Rs 33.5 Lacs/annum towards recurring cost including the environmental monitoring cost for the implementation of EMP as proposed in following EMP plan.

S. No.	Environmental Protection Measures	Capital Cost (Rs. in lakhs)	Recurring Cost (Rs. in lakhs/year)
1.	Air Pollution Control (Installation of air pollution control device along with OCMS)	140	10
2.	Water Pollution Control (Installation of STP of capacity 5 KLD)	5	3
3.	Noise Pollution Control (Development of green belt and ear plugs etc. to workers)	10	12 (for three years)
4.	Solid Waste Management (management & disposal of domestic solid waste, slag, boiler ash and Hazardous waste)	5	1
5.	Environment Monitoring & Management	3	5
6.	Health, Safety & Risk Assessment (Medical check-up, ESI and PPE kit for workers)	5	1
7.	Rain Water Recharging outside the project premises (pond adoption)	10	1
7.	Miscellaneous	2	0.5
8	CER Activity (Maintenance of school building of	4	-

	Government Primary School located in Village Shahpur)		
Total		Rs. 184 lakhs	Rs. 33.5 lakhs

Year-wise progress of implementation of action plan shall be reported to the Ministry/Regional Office along with the Six-Monthly Compliance Report along with the Six-Monthly Compliance Report.

- iii. Self-environmental audit shall be conducted annually. Every three years third-party environmental audit shall be carried out.
- iv. 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, SO2, NOx (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 of the Ministry and PPCB, 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.
- viii) The project authorities must strictly adhere to the stipulations made by the State Pollution Control Board and the State Government.
- ix) 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 SEAC and SEIAA.
- x) No further expansion or modifications in the project shall be carried out other than those permitted in this EC without prior approval of SEIAA. In case of deviation or alterations in the project proposal from those submitted to the Ministry/SEIAA for clearance, a fresh reference shall be made to the Ministry/SEIAA, as applicable, to assess the adequacy of conditions imposed and to add additional environmental protection measures required, if any.
- xi) The Regional Office, MoEF&CC, Chandigarh, Punjab Pollution Control Board and SEIAA/ SEAC members nominated for the purpose shall monitor compliance of the stipulated conditions. The project authorities should extend full cooperation to the officer(s) entrusted with this monitoring by furnishing the requisite data/ information/monitoring reports.

XIII. Specific Conditions decided during the meeting of SEAC:

- i) The project proponent shall install Side Suction Hood followed by Pulse-jet Bag filter with offline cleaning technology as APCD as per the amount indicated in the Environment Management Plan. Further, APCD of flow rate 60,000 m³/hr for 2no. proposed induction furnaces (12.5TPH each) will be installed.
- ii) The project proponent shall install 24x7 continuous online SPM monitoring system at the inlet & outlet of APCD to monitor and achieve the suspended particulate matter (SPM) emission standards as prescribed by CPCB/SPCB.
- iii) The project proponent shall submit monthly summary report of continuous stack emission (inclusive of data of continuous SPM monitoring at inlet & outlet of APCD before stack) 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.
- iv) The project proponent shall obtain NOC from CGWA for abstraction of ground water @ 59.5 KLD to meet the requirement of Industrial, domestic & green belt.
- v) The project proponent shall construct rain water tank of capacity 10KLD to store rain water run off generated from the roof top during monsoon season within its premises.

- vi) The project proponent shall dispose of slag @ 14.5 TPD as per the agreement made with the interlocking tile manufacturing units.
- vii) The project proponent shall dispose of APCD dust @ 1.2 TPD to M/s Madhav KRG Ltd.
- viii) The project proponent shall minimize the water consumption in the steel plant complex by segregation of used water, practicing cascade use and by recycling treated water.
- ix) The project proponent shall provide STP of 05 KLD capacity for treatment of waste water & reutilization of the treated water for non- portable use 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.
- x) 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.
- xi) The project proponent shall monitor the Ground water for heavy metals in addition to routine parameters pre-monsoon and post monsoon. At least 3 samples i.e. one from within the premises and two from outside the premises of the project shall be taken.
- xii) 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.
- xiii) The project proponent shall comply with the standard operating procedures and up-gradation of suction and control arrangement for the secondary emissions as prescribed by the State Pollution Control Board or by CPCB/MoEF&CC.
- xiv) 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.
- xv) The vehicles to be used for loading/unloading purposes shall not be parked along the roadside to avoid traffic congestion and a dedicated parking place to be provided for the same.
- xvi) The project proponent shall adopt green technologies to conserve water & energy. Also, provide abrasive resistant fire bricks in the crucibles to reduce the periodic maintenance & disposal of discarded fire bricks.
- xvii) The project proponent shall use natural gas (if available) as substitute fuel wherever possible in the existing industry/ for the expansion project.

- xviii) 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.

XIV. Additional Conditions:

- i. The Project Proponent shall develop green belt in 33% of the total land area with native tree species (having canopy type structure and especially trees, and not grass) before the completion of the project. The greenbelt shall inter alia cover the entire periphery of the unit provided that the number of trees to be planted should not be less than one tree per 80 sqm of the total project area. The canopy trees shall also be planted around the parking area to provide shade to the parked vehicles.
 - ii. The project proponent shall plant tall saplings having height not less than 6 ft. The proponent shall make adequate provision of funds for raising the plantation and subsequent maintenance for three years in the Environment Management Plan.
 - iii. The project proponent shall submit the progress of developing the green belt in the six-monthly compliance report.
 - iv. The Project Proponent shall install online monitoring system at inlet as well as at the outlet of each APCD for monitoring SPM.
 - v. The Project Proponent shall submit compliance of the action plan proposed to address the public hearing issues along with the six-monthly compliance report of EC condition on Parivesh portal
- 12) The SEIAA reserves the right to stipulate additional conditions, if found necessary at subsequent stages and the project proponent shall implement all the said conditions in a time bound manner. SEIAA may revoke or suspend the environmental clearance if implementation of any of the above conditions is not found to be satisfactory.
- 13) Concealing factual data or submission of false/fabricated data and failure to comply with any of the conditions mentioned above may result in withdrawal of this clearance and attract action under the provisions of Environment (Protection) Act, 1986.
- 14) Any appeal against this environmental clearance 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.
- 15) The above conditions will 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, the Hazardous Waste (Management, Handling and Transboundary Movement) Rules, 2016, the Public Liability Insurance Act, 1991 read with subsequent amendments therein 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.

16) This issues with the approval of the Competent Authority.

(Rajesh Dhiman, IAS)
Member Secretary, SEIAA

Through Parivesh

Copy to: -

1. The Secretary to Govt. of India, Ministry of Environment and Forest, Paryavaran Bhawan, CGO Complex, Lodhi Road, New Delhi
2. The Secretary, Department of Science, Technology & Environment, Government of Punjab, Chandigarh.
3. The Regional Officer, Ministry of Environment, Forest and Climate Change, Integrated Regional Office, Bays No. 24-25, Sector 31-A, Dakshin Marg, Chandigarh-160030. The detail of the authorized Officer of the project proponent is as under:
 - a) Name of the applicant : Sh. Puneet Garg, Director
 - b) Mobile No. : 98761-00025
 - c) Email Id : sgmetalsandsteels@gmail.com
 - d) Email ID of Env. Consultant : md@ecoparyavaran.in
4. The Deputy Commissioner, Fatehgarh Sahib
5. The Member Secretary, Central Pollution Control Board, Parivesh Bhawan, East Arjun Nagar, Delhi
6. The Member Secretary, Punjab Pollution Control Board, Vatavaran Bhawan, Nabha Road, Patiala, 147001
7. The Secretary, Punjab Water Regulation and Development Authority, SCO 149-152, Sector 17-C, Chandigarh-160017.
8. The Chief Town Planner, Department of Town & Country Planning, 6th Floor, PUDA Bhawan, Phase-8, Mohali.
9. Monitoring Cell, Ministry of Environment, Forest and Climate Change, Indira Paryavaran Bhawan, Jor Bagh Road, New Delhi-110003
10. Parivesh Portal/Record File.

(Rajesh Dhiman, IAS)
Member Secretary, SEIAA
E-mail: seiaapb2017@gmail.com



सत्यमेव जयते

File No: 2024/EC/F/197
Government of India
Ministry of Environment, Forest and Climate Change
(Issued by the State Environment Impact Assessment
Authority(SEIAA), PUNJAB)



Date 09/08/2024



To,

Sh. Puneet Garg
M/S SG METALS AND STEELS INDIA PVT. LTD.
Village Shahpur, Khanna- Amloh Road, Tehsil Amloh, Mandi Gobindgarh, Distt. Fatehgarh Sahib,
Punjab -147301
sgmetalsandsteels@gmail.com

Subject: Grant of Expansion in Environmental Clearance (EC) to the proposed project under the provision of the EIA Notification 2006.

Sir/Madam,

This is in reference to your application submitted to SEIAA vide proposal number SIA/PB/IND1/483222/2024 dated 22/06/2024 for grant of Expansion in Environmental Clearance (EC) to the proposed project under the provision of the EIA Notification 2006 and as amended thereof.

2. The particulars of the proposal are as below :

(i) EC Identification No.	EC24B1011PB5709099N
(ii) File No.	2024/EC/F/197
(iii) Clearance Type	Expansion
(iv) Category	B1
(v) Project/Activity Included Schedule No.	3(a) Metallurgical Industries (ferrous and non ferrous)
(vii) Name of Project	Expansion of Existing Steel Manufacturing Unit- M/s SG Metals & Steels India Pvt. Ltd
(viii) Name of Company/Organization	M/S SG METALS AND STEELS INDIA PVT. LTD.
(ix) Location of Project (District, State)	Village Shahpur, Khanna-Amloh Road, Tehsil Amloh, Distt. Fatehgarh Sahib, Punjab
(x) Issuing Authority	SEIAA
(xi) Applicability of General Conditions as per EIA Notification, 2006	No

3) State Environment Impact Assessment Authority (SEIAA), Punjab has examined the proposal for Environmental Clearance for expansion of existing steel manufacturing unit of M/s SG Metals & Steels India Pvt. Ltd. located at Village

Shahpur, Khanna-Amloh Road, Tehsil Amloh, Distt. Fatehgarh Sahib for increasing the production capacity from 1,55,000 TPA to 1,86,000 TPA. The project is covered under Schedule 3(a) & Category 'B1' as per EIA Notification, dated 14.09.2006 and its subsequent amendments and requires appraisal at the State level.

4) The proposal has been appraised as per the procedure prescribed under the provisions of EIA Notification 14.09.2006 based on mandatory documents enclosed with the application viz Form-2, EIA, EMP, and additional documents and subsequent presentation/ clarifications made by the project proponent and his consultant to the observations of SEIAA and SEAC.

5) As per the report of the Punjab Pollution Control Board vide letter No. 1783 dated 29.07.2024, wherein it was observed site of the industry falls in industrial zone as per the Notified Master Plan of Mandi Gobindgarh as upload online on the official website of PUDA and as mentioned in the ToR issued by SEIAA Punjab. Hence, the site is suitable for the modernization of the unit.

6) This is an expansion project. The details of the project, as per the application and documents/ presentation submitted by the project proponent and also as informed during the meetings of SEAC/SEIAA are as under:

Sr. No.	Item No.	Details																																							
1.	Nature & location of Project	M/s SG Metals & Steels India Pvt. Ltd. located at Village Shahpur, Khanna-Amloh Road, Tehsil Amloh, Distt. Fatehgarh Sahib																																							
		<table border="1"> <thead> <tr> <th>Corner</th> <th>Latitude</th> <th>Longitude</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>30°39'17.10"N</td> <td>76°13'57.84"E</td> </tr> <tr> <td>B</td> <td>30°39'16.95"N</td> <td>76°14'1.49"E</td> </tr> <tr> <td>C</td> <td>30°39'17.63"N</td> <td>76°14'1.51"E</td> </tr> <tr> <td>D</td> <td>30°39'17.59"N</td> <td>76°14'4.42"E</td> </tr> <tr> <td>E</td> <td>30°39'25.39"N</td> <td>76°14'4.61"E</td> </tr> <tr> <td>F</td> <td>30°39'25.40"N</td> <td>76°14'5.01"E</td> </tr> <tr> <td>G</td> <td>30°39'14.76"N</td> <td>76°14'4.96"E</td> </tr> <tr> <td>H</td> <td>30°39'14.90"N</td> <td>76°13'57.93"E</td> </tr> <tr> <td>I</td> <td>30°39'07.88"N</td> <td>76°14'5.28"E</td> </tr> <tr> <td>J</td> <td>30°39'10.05"N</td> <td>76°14'5.25"E</td> </tr> <tr> <td>K</td> <td>30°39'10.15"N</td> <td>76°14'10.49"E</td> </tr> <tr> <td>L</td> <td>30°39'7.93"N</td> <td>76°14'10.49"E</td> </tr> </tbody> </table>	Corner	Latitude	Longitude	A	30°39'17.10"N	76°13'57.84"E	B	30°39'16.95"N	76°14'1.49"E	C	30°39'17.63"N	76°14'1.51"E	D	30°39'17.59"N	76°14'4.42"E	E	30°39'25.39"N	76°14'4.61"E	F	30°39'25.40"N	76°14'5.01"E	G	30°39'14.76"N	76°14'4.96"E	H	30°39'14.90"N	76°13'57.93"E	I	30°39'07.88"N	76°14'5.28"E	J	30°39'10.05"N	76°14'5.25"E	K	30°39'10.15"N	76°14'10.49"E	L	30°39'7.93"N	76°14'10.49"E
Corner	Latitude	Longitude																																							
A	30°39'17.10"N	76°13'57.84"E																																							
B	30°39'16.95"N	76°14'1.49"E																																							
C	30°39'17.63"N	76°14'1.51"E																																							
D	30°39'17.59"N	76°14'4.42"E																																							
E	30°39'25.39"N	76°14'4.61"E																																							
F	30°39'25.40"N	76°14'5.01"E																																							
G	30°39'14.76"N	76°14'4.96"E																																							
H	30°39'14.90"N	76°13'57.93"E																																							
I	30°39'07.88"N	76°14'5.28"E																																							
J	30°39'10.05"N	76°14'5.25"E																																							
K	30°39'10.15"N	76°14'10.49"E																																							
L	30°39'7.93"N	76°14'10.49"E																																							
2.	Latitude & Longitude																																								
3.	Project/ activity covered	Schedule: 3(a): Metallurgical Industries (ferrous & non-ferrous); Category: B-1																																							
4.	Type of Environmental Clearance	Expansion																																							
4.	Classification/ land use pattern as per Master Plan	The project falls in Industrial Zone as per Master Plan of Mandi Gobindgarh Industrial zone. Master Plan with marked project location has been submitted. Change of Landuse has been submitted. For expansion, there is no addition of land.																																							
5.	Cost of the project	Existing cost (as per EC accorded): Rs. 26.42 Crores Proposed cost: Rs. 10 Crores Total cost after expansion: Rs. 36.42 Crores																																							
6.	Working days	350 days																																							
7.	Details of Land area	16,661.7 (4.15 acres)																																							
8.	Area break-up details	The area details are given below:																																							
		<table border="1"> <thead> <tr> <th>S. No.</th> <th>Description</th> <th>Total area</th> </tr> </thead> <tbody> </tbody> </table>	S. No.	Description	Total area																																				
S. No.	Description	Total area																																							

(in sqm.)

1.	Total Land Area	16,661.7
2.	Green Area	8,968.40

	Raw Materials	Existing	Proposed	Total after expansion	Source	
9.	Raw materials details	Scrap & Ferro Alloys	1,70,500 TPA	25,290 TPA	1,95,790 TPA	Mostly from Local suppliers of Mandi Gobindgarh/ Ludhiana

	Product Name	Existing	Proposed	Total after expansion	
10.	Production capacity details	Ingots/Billets or Rolled products	1,55,000 TPA	31,000 TPA	1,86,000 TPA

	S. No.	Machinery	Existing	Proposed	Total after expansion
11.	1.	Induction Furnaces	2 × 12.5 TPH	Modernization	1 × 25 TPH
	2.	Rolling Mill	1	No change	1

Details of the technology proposed for control of emissions generated from the project						
S. No.	Source	Capacity	Chimney Height	APCD	Fuel Used	
12.	1.	Induction Furnaces	1 × 25 TPH	30 m	Separate Dog house followed by Pulse Jet Bag filter with offline cleaning to contain & control primary as well as secondary emissions along with separate Fume Extraction System	Electricity

13. Manpower Requirement: Total manpower required for the project will remain same as per EC accorded i.e. 100 persons (including Technical & Non-Technical).
 Total water demand of the project will be 63 KLD, Fresh water demand of the project will be 59.5 KLD and break-up of the same is given as under:-

14.	Break-up of Water Requirements & its source in Operation Phase	Description	Summer (KLD)	Winter (KLD)	Rainy (KLD)
		Domestic	4.5	4.5	4.5
		Cooling (makeup water)	40	40	40
		Green Area	18	6	1.5

S.No.	Description	Total	Ultimate Disposal	
15.	Wastewater generation & its disposal Arrangement in Operation Phase	1. Domestic wastewater	4.5 KLD	Treatment in STP of 25 KLD capacity with MBBR technology. After treatment water will be used for plantation within project premises. No generation of industrial effluent.
		2. Industrial Effluent	Nil	

Hazardous/Non-Hazardous Waste		Hazardous waste:		
S.No.	Waste Category	After Expansion	Disposal	
16.	Generation details & their storage, utilization, and disposal.	1. 35.1 APCD Dust	1.4 TPD	Agreement done with M/s Jogindra Castings Pvt Ltd for disposal of APCD dust.

Solid Waste		Solid Waste			
S.No.	Waste Category	Existing	After Expansion	Disposal	
17.	generation and its mode of disposal	1. Slag	14.5 TPD	16.5 TPD	Sent to M/s Ganpati Tiles Industries for co-processing, after metal recovery

Description		After Expansion
18.	Energy requirements & savings	13,000 KVA (13 MVA)
Energy Saving measures to be adopted:		
i) Energy-efficient LED fixtures will be provided in place of CFL in both indoor and outdoor areas.		
ii) Regular cleaning, lubrication can prevent energy losses due to equipment degradation. Thus, proactive maintenance schedule will be implemented to ensure peak efficiency of equipment.		
iii) Training will be given to employees about the importance of energy conservation.		
iv) After Expansion, new Induction Furnace with 5-star rating by the Bureau of Energy Efficiency (BEE) will be installed.		
v) Other equipment such as high-efficiency motors, variable frequency drives (VFDs) for pumps and fans will be installed, which results in significant energy saving.		

7) As per undertaking given by the project proponent, no forest land and wildlife sanctuary is located in the vicinity of the project and as such, no forest clearance and NBWL permission is required. The Project Proponent informed that in the court matter pertaining to land, the Hon'ble High Court of Punjab and Haryana maintained status quo.

8) The SEAC, constituted under the provision of the EIA Notification, 2006 and comprising of Experts Members/domain experts in various fields, has examined the proposal submitted by the project proponent in the desired form along with the EMP report prepared and submitted by the Consultant accredited by the QCI/NABET on behalf of the project proponent & replies to its observations in its 301st meeting held on 29.07.2024. The SEAC noted that the project proponent has given an undertaking that the data and information given in the application and enclosures are true to the best of his knowledge and belief and no information has been suppressed in the report. If any part of the data/information submitted is found to be false/misleading at any stage, the project may be rejected and Environmental Clearance given, if any, may be revoked

at the risk and cost of the project proponent.

9) The Committee noted that the project proponent has provided adequate and satisfactory clarifications to the observations raised by it. Therefore, the Committee decided to forward the case to the SEIAA with the recommendation to grant Environmental Clearance for expansion of existing steel manufacturing unit of M/s SG Metals & Steels India Pvt. Ltd. located at Village Shahpur, Khanna-Amloh Road, Tehsil Amloh, Distt. Fatehgarh Sahib for increasing the production capacity from 1,55,000 TPA to 1,86,000 TPA as per the details mentioned in the application proposal & subsequent presentation /clarifications made by the project proponent and his consultant.

10) The case was considered by the SEIAA in its 306th meeting held on 01.08.2024, wherein SEIAA observed that the case stands recommended by SEAC. Therefore, the Authority decided to grant Environmental Clearance for expansion of existing steel manufacturing unit of M/s SG Metals & Steels India Pvt. Ltd. located at Village Shahpur, Khanna-Amloh Road, Tehsil Amloh, Distt. Fatehgarh Sahib for increasing the production capacity from 1,55,000 TPA to 1,86,000 TPA as per the details mentioned in Form 2, EIA report and subsequent presentation /clarifications made by the project proponent and his consultant with proposed measures, conditions as proposed by SEAC in addition to the proposed measures.

11) Accordingly, SEIAA, Punjab hereby accords Environmental Clearance to the aforesaid project under the provisions of EIA Notification dated 14.09.2006 and its subsequent amendments subject to proposed measures and strict compliance with terms and conditions as per **Annexure-1**.

12) The SEIAA reserves the right to stipulate additional conditions if found necessary at subsequent stages and the project proponent shall implement all the said conditions in a time-bound manner. SEIAA may revoke or suspend the environmental clearance if the implementation of any of the above conditions is not found to be satisfactory.

13) Concealing factual data or submission of false/fabricated data and failure to comply with any of the conditions mentioned above may result in withdrawal of this clearance and attract action under the provisions of the Environment (Protection) Act, 1986.

14) Any appeal against this environmental clearance shall lie with the National Green Tribunal, if preferred, within 30 days as prescribed under Section 16 of the National Green Tribunal Act, 2010.

15) The above conditions will 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, the Hazardous Waste (Management, Handling and Transboundary Movement) Rules, 2016, the Public Liability Insurance Act, 1991 read with subsequent amendments therein 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.

16) This issues with the approval of the Competent Authority.

Copy To

1. The Secretary to Govt. of India, Ministry of Environment and Forest, Paryavaran Bhawan, CGO Complex, Lodhi Road, New Delhi
2. The Secretary, Department of Science, Technology & Environment, Government of Punjab, Chandigarh.
3. The Regional Officer, Ministry of Environment, Forest and Climate Change, Integrated Regional Office, Bays No. 24-25, Sector 31-A, Dakshin Marg, Chandigarh-160030. The detail of the authorized Officer of the project proponent is as under:

Name of the applicant	Sh. Puneet Garg, Director
Mobile No.	8360717630
Email Id	sgmetalsandsteels@gmail.com
Email ID of Env. Consultant	md@ecoparyavaran.org

4. The Deputy Commissioner, Fatehgarh Sahib.
5. The Member Secretary, Central Pollution Control Board, Parivesh Bhawan, East Arjun Nagar, Delhi.
6. The Member Secretary, Punjab Pollution Control Board, Vatavaran Bhawan, Nabha Road, Patiala, 147001
7. The Secretary, Punjab Water Regulation and Development Authority, SCO 149-152, Sector 17-C, Chandigarh-160017.
8. The Chief Town Planner, Department of Town & Country Planning, 6th Floor, PUDA Bhawan, Phase-8, Mohali.
9. Monitoring Cell, Ministry of Environment, Forest and Climate Change, Indira Paryavaran Bhawan, Jor Bagh Road, New Delhi-110003
10. Parivesh Portal/Record File

Annexure 1

Specific EC Conditions for (Metallurgical Industries (Ferrous And Non Ferrous))

1. Additional / Amended Conditions

S. No	EC Conditions
1.1	The industry shall submit the progress of developing the green belt in the six-monthly compliance report
1.2	The industry shall install an online monitoring system at the inlet as well as at the outlet of each APCD for monitoring SPM
1.3	The Project proponent shall submit compliance of the action plan proposed to address the public hearing issues along with the six-monthly compliance report of EC condition on Parivesh Portal
1.4	The project proponent shall maintain the green belt properly and in healthy condition
1.5	This environmental clearance will be valid for a period of ten years from the date of its issue as per MoEF & CC, GoI notification No. S.O. 1807 (E) dated 12.04.2022 or till the completion of the project, whichever is earlier

Standard EC Conditions for (Metallurgical Industries (ferrous and non ferrous))

1. Statutory Compliance

S. No	EC Conditions
1.1	The project proponent shall obtain forest clearance under the provisions of the Forest (Conservation) Act, 1986, in case of the diversion of forest land for non-forest purposes involved in the project
1.2	The project proponent shall obtain clearance from the National Board for Wildlife, if applicable
1.3	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)
1.4	The project proponent shall obtain Consent to Establish/ Operate under the provisions of the Air

S. No	EC Conditions
	(Prevention & Control of Pollution) Act, 1981 and the Water (Prevention & Control of Pollution) Act, 1974 from the concerned Punjab Pollution Control Board
1.5	The project proponent shall obtain the necessary permission from the Central Ground Water Authority/competent authority concerned, in case of drawl of groundwater and also in case of drawl of surface water required for the project. In case of non-grant of permission by CGWA for groundwater abstraction, the industry shall make alternative arrangements by using surface water or treated city sewage effluent after obtaining permission from the competent authority
1.6	The project proponent shall obtain authorization under the Hazardous and other Waste Management Rules, 2016 as amended from time to time
1.7	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 types of units
1.8	The project proponent shall comply with the CLU conditions imposed by the Competent Authority, if any

2. Air Quality Monitoring And Preservation

S. No	EC Conditions
2.1	The project proponent shall install 24x7 continuous emission monitoring system at the inlet as well as at the outlet (stack) of each APCD to monitor the SPM concentration with respect to standards prescribed in Environment (Protection) Rules 1986 vide G.S.R 277 (E) dated 31 st March 2012 (applicable to IF/EAF) as amended from time to time; S.O. 3305 (E) dated 7 th 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 specifications through labs recognized under Environment (Protection) Act, 1986 or NABL accredited laboratories
2.2	The project proponent shall monitor fugitive emissions in the plant premises at least once every quarter through laboratories recognized under Environment (Protection) Act, 1986 or NABL accredited laboratories
2.3	The project proponent shall install a system to carry out Manual Ambient Air Quality monitoring for parameters relevant to the main pollutants released (e.g. PM ₁₀ and PM _{2.5} in reference to PM emission, and SO ₂ and NO _x in reference to SO ₂ and NO _x 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
2.4	The project proponent shall submit a 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
2.5	Appropriate Air Pollution Control (APC) system shall be provided for all the dust-generating points including fugitive dust from all vulnerable sources
2.6	The project proponent shall provide leakage detection and mechanized bag cleaning facilities for

S. No	EC Conditions
	better maintenance of bags
2.7	Sufficient number of mobile or stationary vacuum cleaners shall be provided to clean plant roads, shop floors, roofs, etc. regularly
2.8	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 should be ensured
2.9	The project proponent shall use leak-proof trucks/dumpers carrying coal and other raw materials and cover them with tarpaulin
2.10	The project proponent shall provide covered sheds for raw materials like scrap and sponge iron, lump ore, coke, coal, etc
2.11	The project proponent shall provide primary and secondary fume extraction systems at all melting furnaces
2.12	Design and implementation of the ventilation system for adequate air changes as per the ACGIH document for all tunnels, motor houses, and Oil Cellars should be ensured

3. Water Quality Monitoring And Preservation

S. No	EC Conditions
3.1	The project proponent shall monitor regularly groundwater 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
3.2	Garland drains and collection pits shall be provided for each stockpile to arrest the run-off in the event of heavy rains and to check the water pollution due to surface runoff
3.3	The project proponent shall practice rainwater harvesting to the maximum possible extent. 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 into different parts, the overflow of each chamber shall be allowed to enter into another chamber which will ultimately lead to the purification of water and collected into the 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
3.4	The project proponent shall make efforts to minimize water consumption in the steel plant complex by segregation of used water, practicing cascade use, and recycling treated water

4. Noise Monitoring And Prevention

S. No	EC Conditions
4.1	A noise level survey shall be carried out as per the prescribed guidelines and the report in this regard shall be submitted to the Regional Officer of the Ministry as a part of a six-monthly compliance report
4.2	The ambient noise levels should conform to the standards prescribed under E(P)A Rules, 1986 viz. 75 dB(A) during daytime and 70 dB(A) during night-time

5. Energy Conservation Measures

S. No	EC Conditions
5.1	The project proponent shall practice hot charging of slabs and billets/blooms as far as possible
5.2	The project proponent shall provide solar power generation on rooftops of buildings, a solar light system for all common areas, street lights, parking around the project area, and maintain the same regularly
5.3	The project proponent shall provide LED lights in their offices and residential areas
5.4	The Project Proponent shall practice hot charging of slabs and billets/blooms as far as possible

6. Waste Management

S. No	EC Conditions
6.1	Used refractories shall be recycled as far as possible
6.2	100% utilization of fly ash shall be ensured. All the fly ash shall be provided to cement and brick manufacturers for further utilization and a Memorandum of Understanding in this regard shall be submitted to the Ministry's Regional Office
6.3	Used refractories shall be recycled as far as possible.
6.4	Kitchen waste shall be composted or converted to compost or biogas for further use

7. Green Belt

S. No	EC Conditions
7.1	"Green belt" shall be developed in an area of 8,968.40 sqm with native tree species in accordance with SEIAA guidelines. The Project Proponent will plant 1305 saplings of indigenous tree species of at least 8 feet height and healthy growth in 8,968.40 sqm. permanent green area. The balance plantation activity should be completed within 6 months
7.2	The Project Proponent shall develop a green belt with native tree species (having canopy type structure and especially trees, and not grass) before the completion of the project. The greenbelt shall inter alia cover the entire periphery of the unit. The canopy trees shall also be planted around

S. No	EC Conditions
	the parking area to provide shade to the parked vehicles
7.3	The proponent shall make adequate provision of funds for raising the plantation and subsequent maintenance for three years in the Environment Management Plan
7.4	The project proponent shall submit the progress of developing the green belt in the six-monthly compliance report

8. Public Hearing And Human Health Issues

S. No	EC Conditions
8.1	An emergency preparedness plan based on the Hazard Identification and Risk Assessment (HIRA) and Disaster Management Plan shall be implemented
8.2	The project proponent shall carry out heat stress analysis for the workmen who work in the high-temperature work zone and provide Personal Protection Equipment (PPE) as per the norms of the Factory Act
8.3	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
8.4	Occupational health surveillance of the workers shall be done regularly and records maintained as per the Factories Act
8.5	The project proponent shall carry out the activities apart from CER activities and spent an amount as committed during the public hearing as per the public hearing action plan

9. Environment Management

S. No	EC Conditions
9.1	The company shall have a well-laid down environmental policy duly approved by the Board of Directors. The environmental policy should prescribe standard operating procedures to have proper checks and balances and to bring into focus any infringements/ deviation/ violations 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 to all/ or shareholders/ stakeholders. A copy of the board resolution in this regard shall be submitted to the MoEF&CC as a part of the six-monthly report
9.2	A separate Environmental Cell both at the project and company headquarters level, with qualified personnel, shall be set up under the control of the Senior Executive, who will directly report to the head of the organization
9.3	An action plan for implementing EMP and environmental conditions along with the responsibility matrix of the company shall be prepared and shall be duly approved by the competent authority.

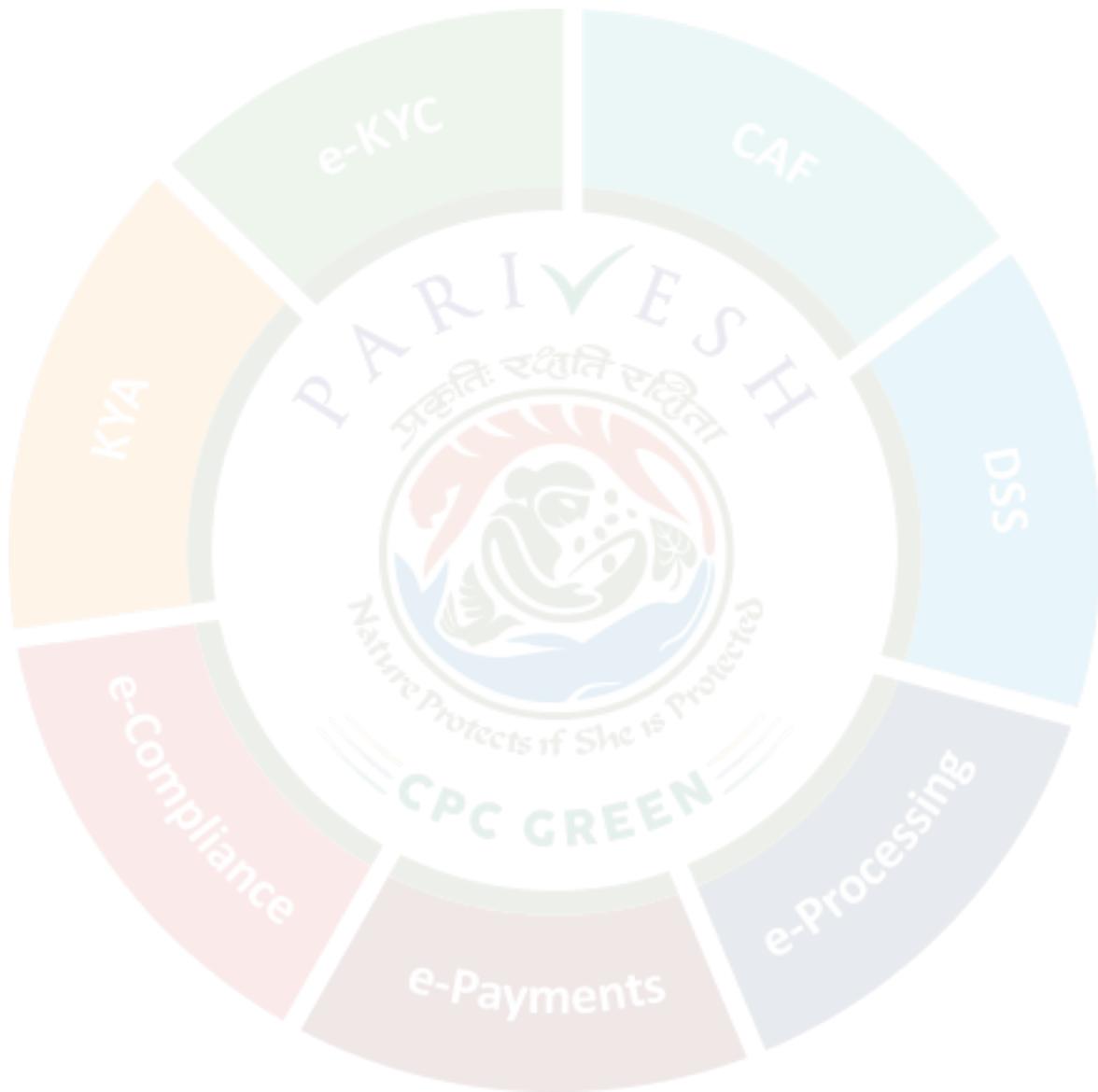
S. No	EC Conditions																																																											
	<p>The year-wise funds earmarked for environmental protection measures shall be kept in a separate account and will not be diverted for any other purpose. An action plan for implementing following activities under EMP, Additional Environmental Activities and environmental conditions along with the responsibility matrix of the company shall be prepared and shall be duly approved by the competent authority.</p> <p style="text-align: center;">Table-1 Environmental Management Plan</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">S. No.</th> <th style="text-align: left;">Environmental Protection Measures</th> <th style="text-align: right;">Capital Cost (as per EC accorded) (Rs. in lakhs)</th> <th style="text-align: right;">Capital Cost (as per EC expansion) (Rs. in lakhs)</th> <th style="text-align: right;">Recurring Cost (Rs. in lakhs/year)</th> </tr> </thead> <tbody> <tr> <td>1.</td> <td>Air Pollution Control (Installation of Dog House Hood)</td> <td style="text-align: right;">140</td> <td style="text-align: right;">200</td> <td style="text-align: right;">10</td> </tr> <tr> <td>2.</td> <td>Water Pollution Control (Installation of STP of capacity 5 KLD)</td> <td style="text-align: right;">5</td> <td style="text-align: right;">-</td> <td style="text-align: right;">3</td> </tr> <tr> <td>3.</td> <td>Noise Pollution Control (Development of green belt and ear plugs etc. to workers)</td> <td style="text-align: right;">10</td> <td style="text-align: right;">5</td> <td style="text-align: right;">5 (for three years)</td> </tr> <tr> <td>4.</td> <td>Solid Waste Management (management & disposal of domestic solid waste, slag, boiler ash and Hazardous waste)</td> <td style="text-align: right;">5</td> <td style="text-align: right;">-</td> <td style="text-align: right;">1</td> </tr> <tr> <td>5.</td> <td>Environment Monitoring & Management</td> <td style="text-align: right;">3</td> <td style="text-align: right;">-</td> <td style="text-align: right;">5</td> </tr> <tr> <td>6.</td> <td>Health, Safety & Risk Assessment (Medical check-up, ESI and PPE kit for workers)</td> <td style="text-align: right;">5</td> <td style="text-align: right;">-</td> <td style="text-align: right;">1</td> </tr> <tr> <td>7.</td> <td>Rain Water Recharging outside the project premises (pond adoption)</td> <td style="text-align: right;">10</td> <td style="text-align: right;">-</td> <td style="text-align: right;">-</td> </tr> <tr> <td>8.</td> <td>Miscellaneous</td> <td style="text-align: right;">2</td> <td style="text-align: right;">-</td> <td style="text-align: right;">0.5</td> </tr> <tr> <td colspan="2" style="text-align: right;">Total</td> <td style="text-align: right;">Rs. 180 lakhs</td> <td style="text-align: right;">Rs. 205 lakhs</td> <td style="text-align: right;">Rs. 25.5 lakhs</td> </tr> </tbody> </table> <p style="text-align: center;">Table-II Additional Environmental Activities:</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: center;">Sr. No.</th> <th style="text-align: center;">Description</th> <th style="text-align: center;">Amount (Rs. in lakhs)</th> </tr> </thead> <tbody> <tr> <td style="text-align: center;">1</td> <td>Deposition of funds under Greening Punjab Mission through concerned DFO</td> <td style="text-align: center;">10</td> </tr> <tr> <td colspan="2" style="text-align: center;">Total</td> <td style="text-align: center;">10</td> </tr> </tbody> </table> <p>The Project Proponent shall complete the implementation of the activity prescribed in the AEA plan as above within 06 months</p>	S. No.	Environmental Protection Measures	Capital Cost (as per EC accorded) (Rs. in lakhs)	Capital Cost (as per EC expansion) (Rs. in lakhs)	Recurring Cost (Rs. in lakhs/year)	1.	Air Pollution Control (Installation of Dog House Hood)	140	200	10	2.	Water Pollution Control (Installation of STP of capacity 5 KLD)	5	-	3	3.	Noise Pollution Control (Development of green belt and ear plugs etc. to workers)	10	5	5 (for three years)	4.	Solid Waste Management (management & disposal of domestic solid waste, slag, boiler ash and Hazardous waste)	5	-	1	5.	Environment Monitoring & Management	3	-	5	6.	Health, Safety & Risk Assessment (Medical check-up, ESI and PPE kit for workers)	5	-	1	7.	Rain Water Recharging outside the project premises (pond adoption)	10	-	-	8.	Miscellaneous	2	-	0.5	Total		Rs. 180 lakhs	Rs. 205 lakhs	Rs. 25.5 lakhs	Sr. No.	Description	Amount (Rs. in lakhs)	1	Deposition of funds under Greening Punjab Mission through concerned DFO	10	Total		10
S. No.	Environmental Protection Measures	Capital Cost (as per EC accorded) (Rs. in lakhs)	Capital Cost (as per EC expansion) (Rs. in lakhs)	Recurring Cost (Rs. in lakhs/year)																																																								
1.	Air Pollution Control (Installation of Dog House Hood)	140	200	10																																																								
2.	Water Pollution Control (Installation of STP of capacity 5 KLD)	5	-	3																																																								
3.	Noise Pollution Control (Development of green belt and ear plugs etc. to workers)	10	5	5 (for three years)																																																								
4.	Solid Waste Management (management & disposal of domestic solid waste, slag, boiler ash and Hazardous waste)	5	-	1																																																								
5.	Environment Monitoring & Management	3	-	5																																																								
6.	Health, Safety & Risk Assessment (Medical check-up, ESI and PPE kit for workers)	5	-	1																																																								
7.	Rain Water Recharging outside the project premises (pond adoption)	10	-	-																																																								
8.	Miscellaneous	2	-	0.5																																																								
Total		Rs. 180 lakhs	Rs. 205 lakhs	Rs. 25.5 lakhs																																																								
Sr. No.	Description	Amount (Rs. in lakhs)																																																										
1	Deposition of funds under Greening Punjab Mission through concerned DFO	10																																																										
Total		10																																																										
9.4	The entire cost of the environmental management plan will continue to be borne by the project proponent throughout the life of the Project																																																											
9.5	Year-wise progress of implementation of the action plan shall be reported to the Ministry/Regional Office along with the Six-monthly Compliance Reports																																																											
9.6	The self-environmental audit shall be conducted annually. Every three years third-party environmental audit shall be carried out																																																											
9.7	All the recommendations made in the Charter on Corporate Responsibility for Environment																																																											

S. No	EC Conditions
	Protection (CREP) for the plants shall be implemented

10. Miscellaneous

S. No	EC Conditions
10.1	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
10.2	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
10.3	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 a half-yearly basis
10.4	The project proponent shall monitor the criteria pollutants level namely; PM ₁₀ , SO ₂ , NO _x (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
10.5	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 the environment clearance portal
10.6	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
10.7	The project proponent shall inform the Regional Office of the Ministry and PPCB, the date of financial closure and final approval of the project by the concerned authorities, commencing the land development work and the start of production operation by the project
10.8	The project authorities must strictly adhere to the stipulations made by the State Pollution Control Board and the State Government
10.9	The project proponent shall abide by all the commitments and recommendations made in the EIA /EMP report, commitments made during Public Hearing and also that during their presentation to the SEAC and SEIAA
10.10	No further expansion or modifications in the project shall be carried out other than those permitted in this EC without prior approval of SEIAA. In case of deviation or alterations in the project proposal from those submitted to the Ministry/SEIAA for clearance, a fresh reference shall be made to the Ministry/SEIAA, as applicable, to assess the adequacy of conditions imposed and to add additional environmental protection measures required, if any

S. No	EC Conditions
10.11	The Regional Office, MoEF&CC, Chandigarh, Punjab Pollution Control Board and SEIAA/ SEAC members nominated for the purpose shall monitor compliance of the stipulated conditions. The project authorities should extend full cooperation to the officer(s) entrusted with this monitoring by furnishing the requisite data/ information/monitoring reports



PROJECT PHOTOGRAPHS



Photographs showing Project Premises



Photographs showing AAQMS, OCEMS & SPM analyzer



Photograph showing First-Aid box



Photographs showing Fire extinguisher

Photographs showing Progress Report of Green area







PUNJAB POLLUTION CONTROL BOARD
Invest Punjab, PBIP, Udyog Bhawan, Sector 17, Chandigarh
Website:- www.ppcb.gov.in



Office Dispatch No.: **PBIP/F/625197/2023**

Date: **22.08.2023**

To

HANS RAJ GARG
KHEWAT/KHATONI NO 178/307,198/334
FATEHGARH SAHIB, AMLOH - 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:

PIN	211279163
Application No.:	2308976123
Date of Issue:	22-Aug-2023
Date of Expiry:	30-Sept-2028
Certificate Type:	Fresh
Certificate No:	CTOA/Varied/PBIP/FGS/2023/2308976123

2. Particulars of the Industry:

Name & Designation of the Applicant:	HANS RAJ GARG, (Director)
Name of Business Entity	SG METALS AND STEELS INDIA PVT LTD
Name of the Project/Unit:	SG METALS AND STEELS INDIA PVT LTD
Address of Project/Unit:	Vill. Ambey Majra, Chattarpur Road, Mandi Gobindgarh , Amloh , Fatehgarh Sahib
Capital Investment of the Industry(in lakhs):	685.87
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 - > Rs. 10 Crore but < = Rs.50 Crore
Office District:	Fatehgarh Sahib
Consent Fee Details:	Rs. 5,93,000/- vide R. No. 89/5553 dated 21.08.2023 [Rs. 2,82,000/- on account of consent fees under the Water (Prevention & Control of Pollution) Act, 1974 and Rs. 2,82,000/- vide UTR no. HDFCR52023081078644304 dated 10/08/2023 on account of consent fees under the Air (Prevention & Control of Pollution) Act, 1981; Rs. 28,800/- on account of NOC regularization fees and Rs. 500/- as application form fees], against total

	fixed assets of Rs. 4923.53 Lakhs as on 31/07/2023.
Raw Materials (Name with quantity per day):	MS Scrap & Ferro Alloys @487 Metric Tonnes/Day & Strips / Bars @ 429 MTD
Products (Name with quantity per day):	Steel Ingots / Billets @ 443 MTD Or Strips / Bars @ 429 MTD & ERW Pipes @ 410 MTD
By Products, if any (Name with quantity per day) :	—
Details of the machinery and processes:	Proposed Machinery Details as per application form.
Sources of emissions and type of pollutants:	Furnaces: Induction Furnace-I 12.5 TPH – SPM Induction Furnace-II 12.5 TPH – SPM DG Sets: 750 KVA – SPM, SOx, NOx
Mode of disposal of emissions with stack height:	Furnaces: Induction Furnace-I & Induction Furnace-II of capacity 12.5 T/heat each - Common Stack of height 30m AGL DG Sets: 750 KVA – Stack of height as per following formula: $H = h + 0.2 (KVA)^{0.5}$ where h = height of the building in meters where the generator set is installed.
Quantity of fuel required in TPD:	Furnaces: Induction Furnace-I 12.5 TPH – Electricity Induction Furnace-II 12.5 TPH – Electricity DG Sets: 750 KVA – HSD only
Type of Air Pollution Control Devices to be installed:	Furnaces: Induction Furnace-I & Induction Furnace-II of capacity 12.5 T/heat each - Common Twin cyclone followed by Bag Filter House as APCD DG Sets: 750 KVA – Canopy provided with DG Set
Standard to be achieved under Air(Prevention & Control of Pollution) Act, 1981:	As prescribed by the CPCB/ MoEF&CC/ PPCB, from time to time.



Environmental Engineer (PBIP)
for & on behalf of
Chief Environmental Engineer (PBIP)

Endst. No.

Dated:

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

1. Senior Environmental Engineer, Zonal Office-2, Patiala.
2. Environmental Engineer, Regional Office, Fatehgarh Sahib.


Environmental Engineer (PBIP)
for & on behalf of
Chief Environmental Engineer (PBIP)

A. GENERAL CONDITIONS

1. The industry shall apply for consent of the Board as required under the provision of Water (Prevention & Control of Pollution) Act, 1974, Air (Prevention & Control of Pollution) Act, 1981 & Authorization under Hazardous and other Wastes (Management and Transboundary Movement) Rules, 2016, two months before the commissioning of the industry.
2. The industry shall provide adequate arrangements for fighting the accidental leakages/ discharge of any air pollutant/gas/liquids from the vessels, mechanical equipments etc. which are likely to cause environmental pollution.
3. The Industry shall apply for further extension in the validity of the CTE atleast two months before the expiry of this CTE, if applicable.
4. The industry shall comply with any other conditions laid down or directions issued by the Board under the provisions of the Water (Prevention & Control of Pollution) Act, 1974 and the Air (Prevention & Control of Pollution) Act,1981 from time to time.
5. The project has been approved by the Board from pollution angle and the industry shall obtain the approval of site from other concerned departments, if need be.
6. The industry shall get its building plans approved under the provisions of section 3-A of Punjab Factory Rules, 1952
7. The industry shall put up display board indicating the Environment data in the prescribed format at the main entrance gate
8. The industry shall provide port-holes, platforms and/or other necessary facilities as may be required for collecting samples of emissions from any chimney, flue or duct or any other outlets

Specifications of the port-holes shall be as under:

i) The sampling ports shall be provided atleast 8 times chimney diameter downstream and 2 times upstream from the flow disturbance. For a rectangular cross section the equivalent diameter (D_e) shall be calculated from the following equation to determine upstream, downstream distance:-

$$D_e = 2 LW / (L+W)$$

Where L= length in mts. W= Width in mts.

ii) The sampling port shall be 7 to 10 cm in diameter

9. The industry shall discharge all gases through a stack of minimum height as specified in the following standards laid down by the Board.

(i) Stack height for boiler plants

S.No.	Boiler with Steam Generating Capacity	Stack heights
1	Less than 2 ton/hr	9 meters or 2.5 times the height of neighboring building which ever is more
2	More than 2 ton/hr to 5 ton/hr	12 meters
3	More than 5 ton/hr to 10 ton/hr	15 meters
4	More than 10 ton/hr to 15 ton/hr	18 meters
5	More than 15 ton/hr to 20 ton/hr	21 meters
6	More than 20 ton/hr to 25 ton/hr	24 meters

7	More than 25 ton/hr to 30 ton/hr	27 meters
8	More than 30 ton/hr	30 meters or using the formula $H = 14 Qg^{0.3}$ or $H = 74 (Qp)^{0.24}$ Where Qg = Quantity of SO ₂ in Kg/hr. Qp = Quantity of particulate matter in Ton/day.

Note : Minimum Stack height in all cases shall be 9.0 mtr. or as calculated from relevant formula whichever is more.

(ii) For industrial furnaces and kilns, the criteria for selection of stack height would be based on fuel used for the corresponding steam generation.

(iii) Stack height for diesel generating sets:

Capacity of diesel generating set		Height of the Stack
0-50 KVA	Height of the building	+ 1.5 mt
50-100 KVA	-do-	+ 2.0 mt
100-150 KVA	-do-	+ 2.5 mt
150-200 KVA	-do-	+ 3.0 mt
200-250 KVA	-do-	+ 3.5 mt
250-300 KVA	-do-	+ 3.5 mt

For higher KVA rating stack height H (in meter) shall be worked out according to the formula:

$$H = h + 0.2 (KVA)^{0.5}$$

where h = height of the building in meters where the generator set is installed.

10. The industry shall put up canopy on its DG sets and also provide stack of adequate height as per norms prescribed by the Board and shall ensure the compliance of instructions issued by the Board vide office order no. Admin./SA-2/F.No.783/2011/448 dated 8/6/2010.

11. The industry shall provide flow meters at the source of water supply, at the outlet of effluent treatment plant and shall maintain the record of the daily reading and submit the same to the concerned Regional Office by the 5th day of the following month.

12. The industry shall make necessary arrangements for the monitoring of stack emissions and shall get its emissions analyzed from lab approved / authorized by the Board:-

(i) Once in Year for Small Scale Industries.

(ii) Twice/thrice/four time in a Year for Large/Medium Scale Industries

13. The pollution control devices shall be interlocked with the manufacturing process of the industry.

14. The Board reserves the right to revoke this "consent to establish" (NOC) at any time, in case the industry is found violating any of the conditions of this "consent to establish" and/or the provisions of Water (Prevention & Control of Pollution) Act, 1974 and Air (Prevention & Control of Pollution) Act, 1981 as amended from time to time

15. The industry shall plant minimum of three suitable varieties of trees at the density of not less than 1000 trees per acre along the boundary of the industrial premises.

16. 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.
17. The consent does not authorize or approve the construction of any physical structures or facilities for undertaking of any work in any natural watercourse.
18. Nothing in this NOC 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.
19. 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.
20. The industry shall ensure that no water pollution problem is created in the area due to discharge of effluents from its industrial premises.
21. The industry shall comply with the conditions imposed if any by the SEIAA/MOEF in the Environmental Clearance granted to it as required under EIA notification dated 14/9/06.
22. The industry shall earmark a land within their premises for disposal of boiler ash in an environmentally sound manner, and / or the industry shall make necessary arrangements for proper disposal of fuel ash in a scientific manner and shall maintain proper record for the same, if applicable.
23. The industry shall obtain and submit Insurance cover as required under the Public Liability Insurance Act, 1991.
24. The industry shall submit a site emergency plan approved by the Chief Inspector of Factories, Punjab as applicable
25. The industry shall provide proper and adequate air pollution control arrangements for control emission from its coal/fuel handling area, if applicable.
26. 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
27. 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 so as to prevent any pollutants from such materials from entering into natural water
28. The industry shall submit a detailed plan showing therein, the distribution system for conveying wastewaters for application on land for irrigation along with the crop pattern to be adopted throughout the year
29. The industry shall not irrigate the vegetable crops with the treated effluents which are used/ consumed as raw.
30. The industry shall ensure that its production capacity & quantity of trade effluent do not exceed the quantity mentioned in the NOC and shall not carry out any expansion without the prior permission/NOC of the Board.
31. All amendments/revisions made by the Board in the emission/stack height standards shall be applicable to the industry from the date of such amendments/revisions.
32. The industry shall not cause any nuisance/traffic hazard in vicinity of the area.
33. The industry shall maintain the following record to the satisfaction of the Board :-
- (i) Log books for running of air pollution control devices or pumps/motors used for it.
- (ii) Register showing the result of various tests conducted by the industry for monitoring of stack emissions and ambient air.

(iii) Register showing the stock of absorbents and other chemicals to be used for scrubbers.

34. The industry shall ensure that there will not be significant visible dust emissions beyond the property line.

35. 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, if applicable.

36. The industry shall provide adequate and appropriate air pollution control devices to contain emissions from handling, transportation and processing of raw material & product of the industry


Environmental Engineer (PBIP)
for & on behalf of
Chief Environmental Engineer (PBIP)

B. SPECIAL CONDITIONS

1. This consent is valid for manufacturing of Steel Ingots / Billets @ 443 MTD Or Strips / Bars @ 429 MTD & ERW Pipes @ 410 MTD by using MS Scrap & Ferro Alloys @487 Metric Tonnes/Day & Strips / Bars @ 429 MTD as raw material within existing premises, only.
2. The industry shall be bound to install adequate & appropriate pollution control device/system as per the design of reputed institute for control of secondary emissions generated from the furnace unit, as and when directions will be issued by the Board.
3. The industry shall and continue to comply with the guidelines/SOPs provided by PSCST, Chandigarh for the effective operation of APCD.
4. The industry shall comply with all the conditions imposed in the Environmental Clearance issued to it by SEIAA, Punjab under EIA Notification dated 14/09/2006, vide file no. SEIAA/PB/IND/2022/EC/03 dated 02/03/2021.
5. The industry shall be liable to obtain revision/ amendment in Environment Clearance as required under EIA notification dated 14/9/2006, in case of further increase in the production capacity of products for which EC had been obtained or any additional product/ process which is covered under the ambit of EIA notification dated 14/9/2006.
6. The industry shall obtain revised permission from PWRDA for abstraction of ground water @ 63 KLD, within one month and submit compliance to the Regional Office of the Board.
7. The industry shall submit building plan approved by the Director of Factories/Chartered Architect/Chartered Engineer as may be authorized to do so under the provisions of section 3-A of the Punjab Factory Rules, 1952, within one month and submit compliance to the Regional Office of the Board.
8. The industry shall install STP of adequate capacity for treatment of Domestic Effluent generated from its premises in line with the Environment Clearance granted to the unit, within 3 months and submit compliance to the Regional Office of the Board.
9. The industry shall not generate and discharge any kind of trade effluent.
10. The industry shall recirculate entire quantity of cooling water.
11. The industry shall undertake CER activities and comply with the conditions imposed in the EC granted to it true letter and spirit.
12. The industry shall keep its vehicular movement area and entry/exit points, stabilised at all times, as to suppress dust emissions.
13. The industry shall not dispose of its Hazardous waste to any unauthorized vendor.
14. The industry shall execute annual maintenance contract (AMC) for APCD from the reputed agency and submit the report in this regard.
15. The industry shall provide stack monitoring arrangements as per emissions regulations part 3 (1985 series) as per CPCB manual.
16. The industry shall not use any scrap containing Hazardous waste like shockers containing waste oil.
17. The industry shall install night vision high definition CCTV cameras covering the emissions generating from crucible. Also the industry shall store 3 months recording of the same every time and made available when required to the officers of the Board.
18. The industry shall connect the CCTV cameras with the server of the Punjab Pollution Control Board within one month of installation of the same.
19. The industry shall install online continuous emission monitoring system with its stack and connect the same with server of the Board.
20. The industry shall to install rotary valve along-with conveyor system below bag filters to avoid manual handling of APCD dust.
21. The industry shall ensure that the activities of unit does not create any nuisance in the surrounding

areas and no public complaints are received.

22. The Consent is being issued to the industry based upon the documents/ information submitted by it alongwith the online application form. The Board would be at liberty to take penal action against the industry and its responsible/ concerned person(s) in case information/document is detected as incorrect/false/misleading at any point of time.

23. In case the industry fails to comply with the provisions of the Water (Prevention & Control of Pollution) Act, 1974, Air (Prevention & Control of Pollution) Act, 1981, Environment (Protection) Act, 1986 and/or any other environmental law applicable to the project and Rules, Circulars & Directions issued by the Board from time to time, action as deemed fit shall be taken against the industry.


Environmental Engineer (PBIP)
for & on behalf of
Chief Environmental Engineer (PBIP)



Office Dispatch No.: PBIP/T/625221/2023

Date: 22.08.2023

To

HANS RAJ GARG
KHEWAT/KHATONI NO 178/307,198/334
FATEHGARH SAHIB, AMLOH - 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:

PIN	211279163
Application No.:	2308575657
Date of Issue:	22-Aug-2023
Date of Expiry:	30-Sept-2028
Certificate Type:	Fresh
Certificate No:	CTOW/Varied/PBIP/FGS/2023/2308575657

2. Particulars of the Industry:

Name & Designation of the Applicant:	HANS RAJ GARG, (Director)
Name of Business Entity	SG METALS AND STEELS INDIA PVT LTD
Name of the Project/Unit:	SG METALS AND STEELS INDIA PVT LTD
Address of Project/Unit:	Vill. Ambey Majra, Chattarpur Road, Mandi Gobindgarh , Amlah , Fatehgarh Sahib
Capital Investment of the Industry(in lakhs):	685.87
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 - > Rs. 10 Crore but < = Rs.50 Crore
Office District:	Fatehgarh Sahib
Consent Fee Details:	Rs. 5,93,000/- vide R. No. 89/5553 dated 21.08.2023 [Rs. 2,82,000/- on account of consent fees under the Water (Prevention & Control of Pollution) Act, 1974 and Rs. 2,82,000/- vide UTR no. HDFCR52023081078644304 dated 10/08/2023 on account of consent fees under the Air (Prevention & Control of Pollution) Act, 1981; Rs. 28,800/- on account of NOC regularization fees and Rs. 500/- as application form fees], against total

	fixed assets of Rs. 4923.53 Lakhs as on 31/07/2023.
Raw Materials (Name with quantity per day):	MS Scrap & Ferro Alloys @487 Metric Tonnes/Day & Strips / Bars @ 429 MTD
Products (Name with quantity per day):	Steel Ingots / Billets @ 443 MTD Or Strips / Bars @ 429 MTD & ERW Pipes @ 410 MTD
By Products, if any (Name with quantity per day) :	--
Details of the machinery and processes:	As per application form.
Details of Effluent Treatment Plant:	Trade effluent - Nil Domestic effluent – 6.0 KLD - passed through septic tank.
Mode of disposal of Effluent:	Domestic effluent – 6.0 KLD - discharged onto land for plantation after passing through septic tank.
Standard to be achieved under Water(Prevention & Control of Pollution) Act, 1974:	As prescribed by the CPCB/ MoEF&CC/ PPCB, from time to time.

Environmental Engineer (PBIP)
for & on behalf of
Chief Environmental Engineer (PBIP)

Endst. No.

Dated:

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

1. Senior Environmental Engineer, Zonal Office-2, Patiala.
2. Environmental Engineer, Regional Office, Fatehgarh Sahib.


Environmental Engineer (PBIP)
for & on behalf of
Chief Environmental Engineer (PBIP)

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 confirm 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 lay 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 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
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.
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.


Environmental Engineer (PBIP)
for & on behalf of
Chief Environmental Engineer (PBIP)

B. SPECIAL CONDITIONS

1. This consent is valid for manufacturing of Steel Ingots / Billets @ 443 MTD Or Strips / Bars @ 429 MTD & ERW Pipes @ 410 MTD by using MS Scrap & Ferro Alloys @487 Metric Tonnes/Day & Strips / Bars @ 429 MTD as raw material within existing premises, only.
2. The industry shall be bound to install adequate & appropriate pollution control device/system as per the design of reputed institute for control of secondary emissions generated from the furnace unit, as and when directions will be issued by the Board.
3. The industry shall and continue to comply with the guidelines/SOPs provided by PSCST, Chandigarh for the effective operation of APCD.
4. The industry shall comply with all the conditions imposed in the Environmental Clearance issued to it by SEIAA, Punjab under EIA Notification dated 14/09/2006, vide file no. SEIAA/PB/IND/2022/EC/03 dated 02/03/2021.
5. The industry shall be liable to obtain revision/ amendment in Environment Clearance as required under EIA notification dated 14/9/2006, in case of further increase in the production capacity of products for which EC had been obtained or any additional product/ process which is covered under the ambit of EIA notification dated 14/9/2006.
6. The industry shall obtain revised permission from PWRDA for abstraction of ground water @ 63 KLD, within one month and submit compliance to the Regional Office of the Board.
7. The industry shall submit building plan approved by the Director of Factories/Chartered Architect/Chartered Engineer as may be authorized to do so under the provisions of section 3-A of the Punjab Factory Rules, 1952, within one month and submit compliance to the Regional Office of the Board.
8. The industry shall install STP of adequate capacity for treatment of Domestic Effluent generated from its premises in line with the Environment Clearance granted to the unit, within 3 months and submit compliance to the Regional Office of the Board.
9. The industry shall not generate and discharge any kind of trade effluent.
10. The industry shall recirculate entire quantity of cooling water.
11. The industry shall undertake CER activities and comply with the conditions imposed in the EC granted to it true letter and spirit.
12. The industry shall keep its vehicular movement area and entry/exit points, stabilised at all times, as to suppress dust emissions.
13. The industry shall not dispose of its Hazardous waste to any unauthorized vendor.
14. The industry shall execute annual maintenance contract (AMC) for APCD from the reputed agency and submit the report in this regard.
15. The industry shall provide stack monitoring arrangements as per emissions regulations part 3 (1985 series) as per CPCB manual.
16. The industry shall not use any scrap containing Hazardous waste like shockers containing waste oil.
17. The industry shall install night vision high definition CCTV cameras covering the emissions generating from crucible. Also the industry shall store 3 months recording of the same every time and made available when required to the officers of the Board.
18. The industry shall connect the CCTV cameras with the server of the Punjab Pollution Control Board within one month of installation of the same.
19. The industry shall install online continuous emission monitoring system with its stack and connect the same with server of the Board.
20. The industry shall to install rotary valve along-with conveyor system below bag filters to avoid manual handling of APCD dust.
21. The industry shall ensure that the activities of unit does not create any nuisance in the surrounding

areas and no public complaints are received.

22. The Consent is being issued to the industry based upon the documents/ information submitted by it alongwith the online application form. The Board would be at liberty to take penal action against the industry and its responsible/ concerned person(s) in case information/document is detected as incorrect/false/misleading at any point of time.

23. In case the industry fails to comply with the provisions of the Water (Prevention & Control of Pollution) Act, 1974, Air (Prevention & Control of Pollution) Act, 1981, Environment (Protection) Act, 1986 and/or any other environmental law applicable to the project and Rules, Circulars & Directions issued by the Board from time to time, action as deemed fit shall be taken against the industry.


Environmental Engineer (PBIP)
for & on behalf of
Chief Environmental Engineer (PBIP)



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 SG Metals and Steels India Pvt. Ltd.		
Activity of Unit:	Industrial		
Address of Unit:	M/s SG Metals and Steels India Pvt. Ltd., Village Shahpur, Khanna-Amlah Road, Tehsil Amlah, Mandi Gobindgarh, District Fatehgarh Sahib		PIN Code: 147301
Assessment Unit (Block):	Amlah	Category: Orange	
District:	Fatehgarh Sahib		
Correspondence Address:	M/s SG Metals and Steels India Pvt. Ltd., Village Shahpur, Khanna-Amlah Road, Tehsil Amlah, Mandi Gobindgarh, District Fatehgarh Sahib		PIN Code: 147301
Unit ID	0210100276		
Permission Number	PWRDA/09/2021/L2/225	Dated: 10.09.2021	
Project Status:	New 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: 59.5 m ³ /day			
Fresh Water		Saline Water	
m ³ /day	m ³ /month*	m ³ /day	m ³ /month*
59.5	1,785	-	-

*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 ³ /day)	Fees Deposited (in Rs.)
59.5	5,000/-

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

Category of Area	Extraction Permitted: (m ³ /day)	59.5	Amount Deposited (Rs.)
Orange	Charges for two months		58,260/-
	<10 m ³ /day	10-100 m ³ /day	>100 m ³ /day
	4,800	53,460	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.)
Nil	01	01	2,000/-	2,000/-

D. Total Amount Paid (Rs.):

Application Fee	Advance Deposit	Tube-well Registration Fee	Total(Rs.)
5,000/-	58,260/-	2,000/-	65,260/-

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: 10th September, 2021
Place: CHANDIGARH



64

J. Singh
10.9.21
Signature

Jobanpreet Singh, A.O.L-2
Executive Engineer
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. 12th 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 at each of its extraction structures within 60 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 10th of every month.
- 8) Units permitted to extract 50m³/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-2, Vatavaran Bhawan, Nabha Road, Patiala - 147001.

Website:- www.ppcb.gov.in


LIFE
 Lifestyle for
 Environment

Office Dispatch No :

Registered/Speed Post

Date:

Industry Registration ID : O22FGS578027

Application No : 23215379

To,

HANS RAJ GARG
KHEWAT/KHATONI NO 178/307,198/334 HADBAST NO 7
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 .**

HANS RAJ GARG of Sg metals and steels india pvt ltd is hereby granted an authorisation based on the enclosed signed inspection report for Collection, Generation, Storage, Disposal, on the premises situated at Vill. shahpur, khanna-amloh road, tehsil amloh, mandi gobindgarh, distt. fatehgarh sahib, Amloh, Fatehgarh sahib-147301

1. Particulars of Authorization granted to the Industry

Authorization No	HWM/renew/FGS/2023/23215379
Previous Authorization No	HWM/Fresh/FGS/2023/20616840
Date of issue :	14/09/2023
Date of expiry :	30/09/2028
Previous Authorization Date of Issue :	24/01/2023
Previous Authorization Date of Expiry :	30/09/2023
Authorization Type :	renew

2. Particulars of the Industry

Name & Designation of the Applicant	HANS RAJ GARG, (Director)
Address of Industrial premises	Sg metals and steels india pvt ltd, Vill. shahpur, khanna-amloh road, tehsil amloh, mandi gobindgarh, distt. fatehgarh sahib, Amloh, Fatehgarh sahib-147301
Capital Investment of the Industry	2754.45 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	Large
Office District	Fatehgarh sahib

"This is computer generated document from OCMMS by PPCB"

Sg metals and steels india pvt ltd,Vill. shahpur, khanna-amloh road, tehsil amloh, mandi gobindgarh, 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 5.1-Used or spent oil	Generation , Collection , Storage , Disposal	0.100 KL/Annum
Schedule I 35.1-Exhaust Air or Gas cleaning residue	Generation , Collection , Storage , Disposal	1.2 T/Annum

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



14/09/2023

(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:

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

14/09/2023

(Amit Kumar)
Environmental Engineer

For & on behalf

"This is computer generated document from OCMMS by PPCB"

Sg metals and steels india pvt ltd,Vill. shahpur, khanna-amloh road, tehsil amloh, mandi gobindgarh, distt. fatehgarh sahib,Amloh,Fatehgarh sahib,147301



"This is computer generated document from OCMMS by PPCB"

Sg metals and steels india pvt ltd,Vill. shahpur, khanna-amloh road, tehsil amloh, mandi gobindgarh, 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

"This is computer generated document from OCMMS by PPCB"

1. The industry shall dispose off its Hazardous waste category no. 5.1 and 35.1 of Schedule-I to the authorized recycler / re-processor having valid Registration Certificate-cum-Pass Book from Punjab Pollution Control Board, valid authorization of the Board under the said Rules and 'consents to operate' under the Water Act, 1974 and Air Act, 1981.
2. The industry shall handle the Hazardous Waste(s) 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.
3. The occupier generating hazardous waste/operator of a facility for collection and storage of hazardous waste shall maintain records of such operations in Form-3.
4. The occupier/operator of a facility shall send annual returns to the Board in form-4 on or before 30th day of the June following to the financial year to which that return relates.
5. The Authorized person shall report, about the accident, which occurs at the hazardous waste storage/treatment site immediately to the Board.
6. An occupier who is generating hazardous waste shall store his waste category wise on site in environmentally sound manner till its treatment.
7. An occupier /generator shall not store hazardous wastes in open ground. It must be stored in an isolated site away from plant operational area.
8. The storage tank/container of the hazardous wastes should be in good condition and made of (or lined with) an appropriate material which does not react with the waste contained in it and can withstand the physical and environment conditions during storage and handling.
9. The occupier generating hazardous waste shall mark each container holding hazardous waste with the marking "HAZARDOUS WASTE" both in English and Punjabi.
10. 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.
11. 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.
12. There should be sufficient & efficient provisions to avoid under ground water contamination from waste storage of hazardous wastes.
13. The occupier shall be responsible for any damage of life/or property during storage of his waste and will obtain Public Liability Insurance, wherever applicable.
14. The occupier and operator of a facility also be liable to reinstate or restore damaged or destroyed elements of the environment at his cost, failing which the occupier or the operator of a facility, as the case may be, shall be liable to pay the entire cost of remediation or restoration and pay in advance an amount equal to the cost estimated by the State Pollution Control Board.
15. 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.
16. Non compatible hazardous waste and material shall not be mixed in the same storage container.
18. The authorization is subject to the conditions mentioned above and also to such conditions as specified in the Hazardous waste (Management & Handling) Rules as amended from time to time framed under the Environment (Protection) Act 1986.
19. In case the industry fails to comply with the above conditions of authorization as well as provisions of the Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016 and/ or any other environmental law applicable to the industry and Rules, Circulars & Directions issued by the Board from time to time, the Board shall constrained to take action against the industry under the provisions of the Pollution Control Laws.
20. This authorization is issued in supersession of earlier granted authorization under Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016 vide no. HWM/Fresh/FGS/2023/20616840 dated 24/01/2023 valid upto 30/09/2023.

"This is computer generated document from OCMMS by PPCB"



14/09/2023

**(Amit Kumar)
Environmental Engineer**

For & on behalf

of

(Punjab Pollution Control Board)



"This is computer generated document from OCMS by PPCB"

Sg metals and steels india pvt ltd,Vill. shahpur, khanna-amloh road, tehsil amloh, mandi gobindgarh, distt. fatehgarh sahib,Amloh,Fatehgarh sahib,147301



Eco Paryavaran Laboratories & Consultants Pvt. Ltd.

TEST REPORT



TC-11818

ULR No : NA		Test Report No : NAAL030525NA025	
Type of Sample # : Ambient Air		Date of reporting : 12/05/2025	
Reference Type : Email		Reference No : Dt.: 05/04/2025	
Customer #	M/s SG Metals And Steels India Pvt. Ltd., Village - Shahpur, Khanna - Amlah Road, Tehsil. Amlah, Distt. Fatehgarh Sahib, Punjab		
Sampling Protocol	IS 5182, EL-MSP-7.3	Mode of Collection of Sample	Sample collected by Laboratory Mr. Bhajanpreet Singh
Period of Sampling	02/05/2025 - 03/05/2025	Date of Receipt of Sample	03/05/2025
Sampling Location	At Project Site	Period of Analysis	03/05/2025 - 12/05/2025
Standard/Specifications	National Ambient Air Quality: G.S.R.No.B- 29016/20/90/PCI-L dated 18 Nov, 2009	Environmental Condition	Partially Cloudy Weather
Testing Location	On Site & Permanent Facility		

RESULTS

1. Chemical Testing

I. Atmospheric Pollution (Ambient Air)

Sr.No	Test Parameter	Unit	Result	Standard	Test Method
1	Respirable Suspended Particulate Matter as PM10	µg/m ³	85	100(max.)	IS 5182 (Part 23)
2	Particulate Matter as PM2.5	µg/m ³	46	60(max.)	IS 5182 (Part 24)
3	Sulphur Dioxide as SO ₂	µg/m ³	17	80(max.)	IS 5182 (Part 2)
4	Oxides of Nitrogen	µg/m ³	23	80(max.)	IS 5182 (Part 6)
5	Ammonia as NH ₃	µg/m ³	21	400(max.)	IS 5182 (Part 25)
6	Ozone as O ₃	µg/m ³	39	180(max.)	IS 5182 (Part 9)
7	Carbon Monoxide as CO	mg/m ³	0.70	4(max.)	IS 5182 (Part 10) NDIR method

Remarks : NA

End of Report



Mr. Mukesh Chand Agarwal
Authorized Signatory- Chemical

EL-FMT-7.8.2 -AA

Page No.1/2

ECO BHAWAN E-207, Industrial Area, Phase VIII-B (Sector-74), Mohali (Punjab) 160071

☎ 0172-4616225 📠 9781303109 ✉ contact@ecoparyavaran.org | md@ecoparyavaran.org 🌐 www.ecoparyavaran.org

TEST REPORT



ULR No : NA	Test Report No : NAAL030525NA025
Type of Sample # : Ambient Air	Date of reporting : 12/05/2025

OTHER INFORMATION

Abbreviation & Symbol : # Information provided by customer. 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
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 : NA		Test Report No : NANL030525NA026	
Type of Sample # : Ambient Noise		Date of reporting : 12/05/2025	
Reference Type : Email		Reference No : Dt.: 05/04/2025	
Customer Name #	M/s SG Metals And Steels India Pvt. Ltd.		
Address #	Village - Shahpur, Khanna - Amloh Road, Tehsil. Amloh, Distt. Fatehgarh Sahib, Punjab		
Sampling Protocol	IS 9989, EL-MSP-7.3	Mode of Collection of Sample	Sample collected by Laboratory Mr. Bhajanpreet Singh
Period of Sampling	02/05/2025 - 02/05/2025	Date of Receipt of Sample	03/05/2025
Sampling Location	Refer Below^	Period of Analysis	03/05/2025 - 05/05/2025
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)	71.4	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. Mukesh Chand Agarwal
Authorized Signatory- Chemical



EL-FMT-7.8.2-AN

Page No.1/2

TEST REPORT



ULR No : NA

Test Report No : NANL030525NA026

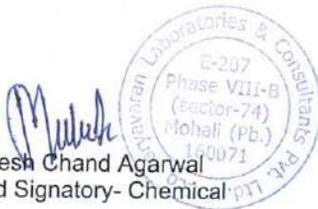
Type of Sample # : Ambient Noise

Date of reporting : 12/05/2025

OTHER INFORMATION

Abbreviation & Symbol : # Information provided by customer. 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
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 : NA		Test Report No : NGWL020525NA060	
Type of Sample # : Water- Ground Water			
Reference Type : Email		Reference No : Dt.: 05/04/2025	
Customer Name #	M/s SG Metals And Steels India Pvt. Ltd.		
Address #	Village - Shahpur, Khanna - Amloh Road, Tehsil. Amloh, Distt. Fatehgarh Sahib, Punjab	Period of Sampling	02/05/2025 - 02/05/2025
Sampling Protocol	IS 17614 (Part 1), EL-MSP-7.3	Date of Receipt of Sample	02/05/2025
Sample Collection Mode	Sample collected by Laboratory Mr. Bhajanpreet Singh	Period of Analysis	02/05/2025 - 12/05/2025
Testing Location	On Site & Permanent Facility	Date of reporting	12/05/2025
Sampling Location	From Borewell (At Project Site)		
Sample Description	Colourless liquid.		
Standard/Specifications	IS 10500 : 2021		
Packing, Markings, Seal & Qty.	PE Bottle-1 litre (S/02/G1A), Glass Bottle-1 litre (S/02/G1B), Glass Bottle-500ml (S/02/G1C) & PE Bottle-500ml (S/02/G1D)		

RESULTS

1. Chemical Testing

I. Water (Water- Ground Water)

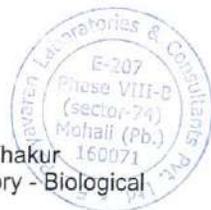
Sr.No	Test Parameter	Unit	Result	Acceptable Limit	Permissible Limit in Absence of Alternate Source	Test Method
1	Colour	CU	BDL (1)	5(Max.)	15(Max.)	IS 3025 (Part 4) CI 2.0
2	Odour	-	Agreeable	Agreeable	Agreeable	IS 3025 (Part 5)
3	pH @ 25°C	-	7.23	6.5-8.5	No relaxation	IS 3025 (Part 11)
4	Taste	-	Agreeable	Agreeable	Agreeable	IS 3025 (Part 8)
5	Turbidity	NTU	BDL (0.1)	1	5	IS 3025 (Part 10)
6	Chloride as Cl	mg/l	15	250(Max.)	1000(Max.)	IS 3025 (Part 32)
7	Iron as Fe	mg/l	0.004	1.0(Max.)	No Relaxation	USEPA 3015A
8	Total Hardness as CaCO ₃	mg/l	132	200(Max.)	600(Max.)	IS 3025 (Part 21)



Mr. Mukesh Chand Agarwal
Authorized Signatory- Chemical



Ms. Lata Thakur
Authorized Signatory - Biological



TEST REPORT



ULR No : NA	Test Report No : NGWL020525NA060
Type of Sample # : Water- Ground Water	

2. Biological Testing

II. 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 / 100ml	Absent	shall not be detectable in any 100 ml sample	-	IS 15185
2	E.coli.	Present or Absent / 100ml	Absent	shall not be detectable in any 100 ml sample	-	IS 15185

Remarks : NA

End of Report

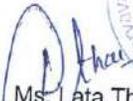
OTHER INFORMATION

Abbreviation & Symbol : # Information provided by customer. 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
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



 Ms. Lata Thakur
 Authorized Signatory - Biological

TEST REPORT



ULR No : NA		Test Report No : NSL020525NA061	
Type of Sample # : Soil			
Reference Type : Email		Reference No : Dt.: 05/04/2025	
Customer Name #	M/s SG Metals And Steels India Pvt. Ltd.		
Address #	Village - Shahpur, Khanna - Amloh Road, Tehsil. Amloh, Distt. Fatehgarh Sahib, Punjab	Period of Sampling	02/05/2025 - 02/05/2025
Sampling Protocol	USEPA/600/R-92/128, EL-MSP-7.3	Date of Receipt of Sample	02/05/2025
Sample Collection Mode	Sample collected by Laboratory Mr. Bhajanpreet Singh	Period of Analysis	02/05/2025 - 12/05/2025
Testing Location	Permanent Facility	Date of reporting	12/05/2025
Sampling Location	From Project Site		
Sample Description	Brown coloured soil.		
Standard/Specifications	Manual- Dept. of Agriculture (GoI); 2011		
Packing, Markings, Seal & Qty.	10Kg Polybag Marked (S/02/S1)		

RESULTS

1. Chemical Testing

I. Pollution & Environment (Soil)

Sr.No	Test Parameter	Unit	Result	Test Method
1	Electrical Conductivity @ 25°C	mS/cm	0.339	IS 14767
2	Organic Matter	%	1.55	IS: 2720 (Part XXII) Sec-1
3	pH @ 25°C	-	7.84	IS 2720 (Part 26) Cl 2
4	Moisture Content	%	6.3	IS:2720 (Part-II) Sec-1
5	Texture	-	Sandy Loam	IS:2720 (Part-4) Cl 2,4
6	Bulk Density	gm/cc	1.57	IS: 2720 (Part-7)

Remarks : NA

End of Report

Mr. Mukesh Chand Agarwal
Authorized Signatory- Chemical



TEST REPORT



ULR No : NA

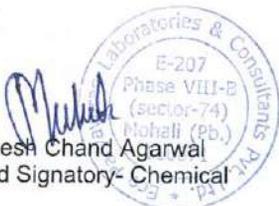
Test Report No : NSL020525NA061

Type of Sample # : Soil

OTHER INFORMATION

Abbreviation & Symbol : # Information provided by customer. 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
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 : NA		Test Report No : NSL020525NA061/A	
Type of Sample # : Soil			
Reference Type : Email		Reference No : Dt.: 05/04/2025	
Customer Name #	M/s SG Metals And Steels India Pvt. Ltd.		
Address #	Village - Shahpur, Khanna - Amloh Road, Tehsil. Amloh, Distt. Fatehgarh Sahib, Punjab	Period of Sampling	02/05/2025 - 02/05/2025
Sampling Protocol	USEPA/600/R-92/128, EL-MSP-7.3	Date of Receipt of Sample	02/05/2025
Sample Collection Mode	Sample collected by Laboratory Mr. Bhajanpreet Singh	Period of Analysis	02/05/2025 - 12/05/2025
Testing Location	Permanent Facility	Date of reporting	12/05/2025
Sampling Location	From Project Site		
Sample Description	Brown coloured soil.		
Standard/Specifications	Manual- Dept. of Agriculture (GoI); 2011		
Packing, Markings, Seal & Qty.	10Kg Polybag Marked (S/02/S1)		

RESULTS

1. Chemical Testing

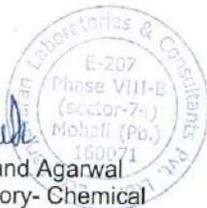
I. Pollution & Environment (Soil)

Sr.No	Test Parameter	Unit	Result	Test Method
1	Sand	%	73	IS:2720 (Part-4) CI 2,4
2	Silt	%	12	IS:2720 (Part-4) CI 2,4
3	Clay	%	15	IS:2720 (Part-4) CI 2,4

Remarks : NA

End of Report

Mr. Mukesh Chand Agarwal
Authorized Signatory- Chemical



TEST REPORT

ULR No : NA

Test Report No : NSL020525NA061/A

Type of Sample # : Soil

OTHER INFORMATION

Abbreviation & Symbol : # Information provided by customer. 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
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





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)

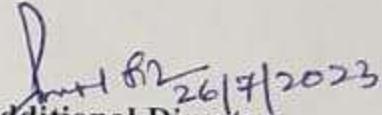
Ref. No. : PSCST/TFD/217

Dated: 26/07/2023
Not For Litigation Purpose

To Whom It May Concern

Certified that M/s. SG Metals and Steels India Private Limited, Village Shahpur, Tehsil Amloh, Distt. Fatehgarh Sahib has installed Air Pollution Control Device with their two Induction Furnaces having melting capacity as 12.5 ton/heat each 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. This supersedes the earlier provisional certificate issued vide no. PSCST/TFD/661 dated 9.12.2022. (SPL No. IND/2021-22/63).


Principal Scientific Officer


Additional Director



INDIA NON JUDICIAL
Government of Punjab

e-Stamp

Certificate No.	: IN-PB21359106675376U
Certificate Issued Date	: 02-Sep-2022 02:59 PM
Certificate Issued By	: pbshlbhtu
Account Reference	: NEWIMPACC (SV) pb7050904/ MANDI GOBINDGARH/ PB-EG
Unique Doc. Reference	: SUBIN-PBPB/705090443408939766010U
Purchased by	: JOGINDRA CASTINGS PVT LTD
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	: JOGINDRA CASTINGS PVT LTD
Second Party	: Not Applicable
Stamp Duty Paid By	: JOGINDRA CASTINGS PVT LTD
Stamp Duty Amount(Rs.)	: 100 (One Hundred only)



For the use of the Government of Punjab



For JOGINDRA CASTINGS PVT. LTD.

[Signature]
Auth. Sign.

For SG Metals And Steels India Private Limited

[Signature]
Director/ Auth. Sign.

0015034234

MEMBERSHIP AND WASTE OFFTAKE AGREEMENT

This MEMBERSHIP AND WASTE LIFTING AGREEMENT (hereinafter referred to as "the agreement") made on this 5th Day of this month November Of the year 2022 by the amongst :-

M/S JOGINDRA CASTINGS PVT. LTD. having its office at G.T. Road, Sirhind Side ,Mandi Gobindgarh (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. Sanjeev Kumar S/o Sh. Bhagwan Dass, duly authorized by the board of Directors Resolution dated 1st October, 2022

AND

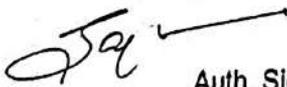
M/s SG METALS AND STEELS INDIA PRIVATE LIMITED having its office at Shop No: 25B, New Grain Market, Khanna

(Herein 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. Puneet Garg S/o Sh. Maxindel Kumar duly authorized by Board of Directors.

WHEREAS

1. 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/2022/19571887, issued on dated 29/09/2022 valid till 28/09/2027.
2. 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,

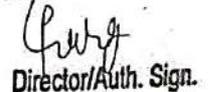
For JOGINDRA CASTINGS PVT. LTD.



Auth. Sign.

SIGNATURE ON BEHALF OF OPERATOR

For SG Metals And Steels India Private Limited


Director/Auth. Sign.

SIGNATURE ON BEHALF OF GENERATOR

Treated, Stored, and Disposed of by Utilizing the services of 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 here to, 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 G.T. Road, Sirhind Side, Mandi Gobindgarh, District Fatehgarh Sahib (Punjab).

"**Rules**" means the Hazardous Waste and other Waste (Management and Trans boundary Movement) Rules, 2016.

"**Manifest**" means the manifest prepared in form 10 to the Rules pursuant to the provisions of Rule 7 of the Rules.

"**PPCB**" means Punjab Pollution Control Board.

"**Production Unit**" means the unit of the generator, where the Hazardous Waste is being generated.

"**Party**" means either of the parties of this agreement.

"**CPCB**" means Central Pollution Control Board

"**MOEF**" means Ministry of Environment and Forest

"**APCD**" means Air Pollution Control Device

2. SCOPE OF SERVICES:

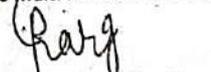
I. The Operator having authorization and facility, for Collection, Storage Transportation, Reception, Recycling, Treatment and Disposal of the Hazardous waste.

For JOGINDRA CASTINGS PVT. LTD.


Auth. Sign.

SIGNATURE ON BEHALF OF OPERATOR

For SG Metals And Steels India Private Limited


Director/Auth. Sign.

SIGNATURE ON BEHALF OF GENERATOR

II. 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

I. Zn more than 20% (for details, please refer of Clause 6 of the agreement)

II. Moisture less than 1 %

III. Dust not older than 15 days

IV. Dust should be filled directly into the HDPE bags.

V. Bags should be properly sealed.

VI. Dust should be stored in a cool, dry and covered room.

VII. 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 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.

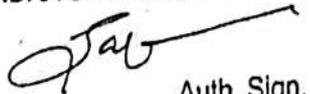
II. Waste Quantities:

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 and 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
For JOGINDRA CASTINGS PVT. LTD.

For SG Metals And Steels India Private Limited



Auth. Sign.

SIGNATURE ON BEHALF OF OPERATOR



Director/Auth. Sign.

SIGNATURE ON BEHALF OF GENERATOR

categorization of wastes 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 appoint 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 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 15days of waste receipts shall be reported by Operator to PPC 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:

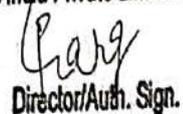
For JOGINDRA CASTINGS PVT. LTD.



Auth. Sign.

SIGNATURE ON BEHALF OF OPERATOR

For SG Metals And Steels India Private Limited


Director/Auth. Sign.

SIGNATURE ON BEHALF OF GENERATOR

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 are presentative 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 regulation in Respect thereto. Disposal pathway shall be mutually agree 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. Provided that the Operator reserves the right not 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.

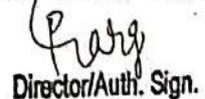
For JOGINDRA CASTINGS PVT. LTD.



Auth. Sign.

SIGNATURE ON BEHALF OF OPERATOR

For SG Metals And Steels India Private Limited



Director/Auth. Sign.

SIGNATURE ON BEHALF OF GENERATOR

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 in direct liabilities.

XII. In the event of false information to be Operator of any nature is associated direct and indirect liabilities are the responsibility of the Generator.

XIII. The Generator shall be bound to lift APCD Dust only to authorize party 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 pan 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, PPC 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 JOGINDRA CASTINGS PVT. LTD,


Auth. Sign.

SIGNATURE ON BEHALF OF OPERATOR

For SG Metals And Steels India Private Limited


Director/Auth. Sign.

SIGNATURE ON BEHALF OF GENERATOR

Zn content in APCD Waste	Rate to be paid (per Ton)
Above 35%	Rs. 15000/-
Above 25%	Rs. 10000/-
Above 20%	Rs. 5000/-
Below 20%	Not Lifting/No Rate

II. The above price shall be finalized on the basis of results / reports of sample testing done at the Operators' end.

III. In case Zn content is less than 20%, 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 proper filled the dust in bags with sealed for timely lifting the dust from generator unit.

V. The expenses on loading & transportation shall be borne by the Operator.

VI. Minimum 3 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 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. On the third (3rd) instance of such findings of the same Generator, the case shall also be referred to the PPCB.

VIII. The validity of the contract shall be for Two year from the date of signing of the contract.

IX. Transportation penalty Rs. 5000/- shall be imposed if booking order not complied within stipulated time period.

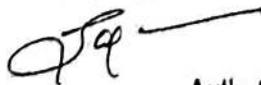
X. Order for lifting of dust shall be made by generator within time period of 30 days; however this time period may increase up to 90 days after mutual understanding.

XI. Above sited tariff and other conditions are applicable for dry bag house APCD waste only.

XII. 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.

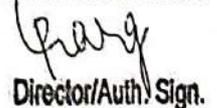
a) Dispatch of APCD Waste & Invoicing:

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
For JOGINDRA CASTINGS PVT. LTD. or SG Metals And Steels India Private Limited



Auth. Sign.

SIGNATURE ON BEHALF OF OPERATOR



Director/Auth. Sign.

SIGNATURE ON BEHALF OF GENERATOR

the goods in it. If required, an E-way bill shall also be generated and sent along with delivery challan.

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 30days written notice to the other party.

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 LIFTING OF APCD DUST CONTACT DETAILS ARE AS FOLLOWS :**

MOBILE NO./ WHATSAPP :- 81466-26873

EMAIL ID :- purchase.jogindrac2c@gmail.com

For JOGINDRA CASTINGS PVT. LTD.



AUTH. SIGN.

For JOGINDRA CASTINGS PVT. LTD.



Auth. Sign.

SIGNATURE ON BEHALF OF OPERATOR

GENERATOR

For SG Metals And Steels India Private Limited



Director/Auth. Sign.

or SG Metals And Steels India Private Limited



Director/Auth. Sign.

SIGNATURE ON BEHALF OF GENERATOR

ਸਰਪੰਚ ਗ੍ਰਾਮ ਪੰਚਾਇਤ

ਪਿੰਡ ਸਲਾਣਾ ਜੀਵਨ ਸਿੰਘ ਵਾਲਾ (ਅਬਾਦੀ ਦਾਰਾ ਸਿੰਘ ਵਾਲੀ)
ਬਲਾਕ ਅਮਲੋਹ, ਜ਼ਿਲਾ ਫਤਿਹਗੜ੍ਹ ਸਾਹਿਬ, ਪੰਜਾਬ

ਨੰ: 10-1-20-7-2021

ਮਿਤੀ.....

Date: 20.07.2021

NO OBJECTION CERTIFICATE

M/s SG Metals and Steels India Pvt. Ltd." has been proposed to set up Steel manufacturing unit at Village Shahpur, Khanna-Amluh Road, Tehsil Amluh, Mandi Gobindgarh, Distt. Fatehgarh Sahib, Punjab. There exists a pond having area of **0.5 Acre** located in the Village Salana Jiwan Singh Bala, Block Amluh, which gets filled up during rains. We have no objection in case the pond is collectively used/adopted for rain water harvesting and artificial recharge of ground water by the industry.

The industry will repair and renovate the existing pond and will also maintain the pond along with its catchment area. There is an urgent need of rain water harvesting in the area as water level is declining. This will help in increasing the water level decline in the surrounding area.

Authorized Signatory

Sarpanch

ਸਰਪੰਚ ਗੁਰਪ੍ਰੀਤ ਸਿੰਘ
ਸਲਾਣਾ ਜੀਵਨ ਸਿੰਘ ਵਾਲਾ
ਅਬਾਦੀ ਸਲਾਣਾ ਦਾਰਾ ਸਿੰਘ ਵਾਲਾ

Gram Panchayat
Village: Salana Jiwan Singh Bala
Block Amluh
Distt. Fatehgarh Sahib,
Punjab

SG METALS AND STEELS INDIA PRIVATE LIMITED

Formerly known as SG Petrochem Private Limited

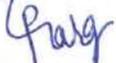
Add: Shop No.25, New Grain Market, Khanna, Ludhiana-141401 Punjab**Email: sgmetalsandsteels@gmail.com Phone: 98761-00025****CIN U23200PB2021PTC052642****ENVIRONMENT POLICY OF THE COMPANY**

M/s SG Metals and Steels India Pvt. Ltd. commits to ensure an eco-friendly environment by establishing, maintaining and continually improving an Environmental Management System (EMS) with emphasis as below:

- To involve our customers, suppliers, vendors and contractors in environmental sustainability endeavors by sharing our expectations to collaboratively achieve our environmental objectives and adopting the '3-R' (Reduce, Reuse and Recycle) concept.
- To review the environmental policy and allied management systems periodically to ensure continuing applicability and relevance to our operations.
- To preserve and enhance biodiversity in our unit and ardently promote "green procurement for our all upcoming projects".
- To strive to comply with all applicable environmental and related legal and other requirements.
- To implement all these measures, we shall devise an Environment Management Plan (EMP) which would consist of all mitigation measures for each activity to be undertaken to minimizing environmental impacts if any.
- To 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.

Date: 04.08.2021**Place:** Village : Shahpur

For SG Metals And Steels India Private Limited


Director/Auth. Sign.

SG METALS AND STEELS INDIA PRIVATE LIMITED Annexure 10

Khanna Amloh Road, Village.Shahpur
Amloh

A/c : CER Activities & Expense

COPY OF ACCOUNT

From 01-04-2024

Upto 25-11-2024

Page 1

Phone

GST#

Date	Narration	Debit	Credit	Balance	D/C
24-06-2024	To 000743 Gram Panchayat	50000.00		50000.00	Dr
	Total	50000.00		50000.00	Dr

FOR SG METALS AND STEELS INDIA

P.A.No.ABFC3197K

Public Notice

It is for the information of General Public that M/s SG Metals & Steels India Pvt. Ltd. has been granted expansion in Environmental Clearance by SEIAA, Punjab for existing Steel Manufacturing Unit namely "M/s SG Metals & Steels India Pvt. Ltd." located at Village Shahpur, Khanna-Amlloh Road, Tehsil Amlloh, Distt. Fatehgarh Sahib, Punjab vide EC Identification No. EC24B1011PB5709099N dated 09.08.2024 through our Environmental Consultant "M/s Eco Paryavaran Laboratories & Consultants Pvt. Ltd., Mohali". The copy of Environmental Clearance along with the conditions to be complied is available with project proponent and may also be seen on Environmental Clearance portal (<https://parivesh.nic.in/>). The interested person can contact either of the two.

M/s SG Metals & Steels India Pvt. Ltd

Village Shahpur, Khanna- Amlloh Road, Tehsil Amlloh, Mandi Gobindgarh,

Distt. Fatehgarh Sahib, Punjab.

M/s Eco Paryavaran Laboratories & Consultants Pvt. Ltd.

E-207, Industrial Area, Phase VIII-B, Sector 74, Mohali, Punjab www.ecoparyavaran.org

PUBLIC NOTICE

It is for the information of General Public that M/s SG Metals & Steels India Pvt. Ltd. has been granted expansion in Environmental Clearance by SEIAA, Punjab for existing Steel Manufacturing Unit namely "M/s SG Metals & Steels India Pvt. Ltd." located at Village Shahpur, Khanna-Amlon Road, Tehsil Amlon, Distt. Fatehgarh Sahib, Punjab vide EC Identification No. EC24B1011PB5709099N dated 09.08.2024 through our Environmental Consultant "M/s Eco Paryavaran Laboratories & Consultants Pvt. Ltd., Mohali". The copy of Environmental Clearance along with the conditions to be complied is available with project proponent and may also be seen on Environmental Clearance portal (<https://parivesh.nic.in/>). The interested person can contact either of the two.

M/s SG Metals & Steels India Pvt. Ltd

**Village Shahpur, Khanna- Amlon Road, Tehsil Amlon, Mandi Gobindgarh,
Distt. Fatehgarh Sahib, Punjab.**

M/s Eco Paryavaran Laboratories & Consultants Pvt. Ltd.

E-207, Industrial Area, Phase VIII-B,

Sector 74, Mohali, Punjab, www.ecoparyavaran.org



Submission of Six Monthly Compliance Report - 30.09.2024

From SG METALS AND STEELS INDIA PRIVATE LIMITED <sgmetalsandsteels@gmail.com>

Date Mon 16/12/2024 13:41

To eccompliance-nro@gov.in <eccompliance-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>

1 attachment (24 MB)

SMC 30.09.2024.pdf;

Dear Sir,

Greetings of the day!!!

We are hereby submitting six-monthly compliance report for the period ending 30.09.2024 for the Steel Manufacturing Unit "**M/s SG Metals and Steels India Pvt. Ltd.**" located at Village Shahpur, Khanna-Amloh Road, Tehsil Amloh, District Fatehgarh Sahib, Punjab.

Kindly acknowledge the receipt of the same.

Regards

M/s SG Metals and Steels India Pvt. Ltd.



ਪੰਜਾਬ ਪੰਜਾਬ PUNJAB

AV 372991

Agreement

This Agreement (hereinafter referred to as the "agreement") made on this 24th November of the year 2021 by and between:

M/s SG Metals and Steels India Pvt. Ltd. proposed to set up Steel Manufacturing Unit at Village Shahpur, Khanna-Amlah Road, Tehsil Amlah, Mandi Gobindgarh, Distt. Fatehgarh Sahib, Punjab; (herein after called the "First Party" which expression shall unless repugnant to the context or meaning thereof, mean and include its successors and permitted assigns) represented by Director Mr. Hans Raj Garg

AND

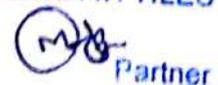
M/s Ganpati Tiles located at Village Bhari, Lalheri Road Khanna, Distt. Ludhiana (herein after referred to as the "Second Party", which expression shall unless repugnant to context or meaning thereof, mean and include its successors and permitted assigns) represented by Partner Mr. Munish Bhambri.

WHEREAS SG Metals and Steels India Pvt. Ltd. is proposed to set up Steel manufacturing unit at Village Shahpur, Khanna-Amlah Road, Tehsil Amlah, Mandi Gobindgarh, Distt. Fatehgarh Sahib, Punjab. The industrial unit deals with the manufacturing of Billets or Strips/Bars.

For SG Metals And Steels India Private Limited


Director/ Auth. Sign.

For GANPATI TILES


Partner

13408

24771

Handwritten text in Gurmukhi script, likely a signature or name.

Handwritten mark or signature.

GURMEET SINGH
Stamp Vendor, Amloh
L.No. 701V 31-12-2021

Faint, mostly illegible text in the middle section of the page, possibly bleed-through from the reverse side.

For GANPATILAL
Handwritten mark

For SG Metals And Steels India Private Limited
Director/Author Sign.

WHEREAS M/s **Ganpati Tiles** is a concrete manufacturing unit located at Village Bhari, Lalheri Road Khanna, Distt. Ludhiana. The industrial unit deals with the manufacturing of Cemented Tiles.

AND WHEREAS SG Metals and Steels India Pvt. Ltd. and **Ganpati Tiles** have agreed that during the Term of this agreement (as defined hereinafter), shall carry out Co-processing of the Material (Slag) in the Cemented Tiles plant at Village Bhari, Lalheri Road Khanna, Distt. Ludhiana on the terms and condition hereinafter appearing.

AND WHEREAS both the parties have agreed that second Party, during the term of this agreement (as defined hereinafter), shall carry out Co- Processing of the slag in its plant on the terms and condition hereinafter appearing. The second party hereby agrees to take 372 T of slag per month from the first party and will continue to take till the tenure of agreement is over.

NOW THIS AGREEMENT WITNESSETH AS UNDER:

1.0 EXECUTION OF SERVICES:

1.1 Co-processing

- M/s **Ganpati Tiles** shall, during the TERM of this Agreement carry out the co-processing of all the consignments of the slag, dispatched to their plant.
- M/s **Ganpati Tiles** declares and undertakes that it shall carry out Co-processing of the slag in such manner as not to cause or potentially cause the pollution of the environment, danger to the health and safety of the public or to animals and vegetation, or loss, wrong handling, improper or incorrect treatment, processing and disposal of slag.

1.2 Transportation of Material

Material (slag) will be transported to M/s **Ganpati Tiles** every month by covered trucks.

1.3 Quantity & Schedule of Delivery

- SG Metals and Steels India Pvt. Ltd. shall dispatch the entire quantities of the Material accumulated at its manufacturing unit to the M/s **Ganpati Tiles** Plant free of all costs on the basis of a delivery challan that mentions "Nil Commercial Value".

For SG Metals And Steels India Private Limited


Director/Auth. Sign.

For GANPATI TILES

 Partner



- SG Metals and Steels India Pvt. Ltd. shall arrange for loading of material at their Manufacturing Unit and M/s Ganpati Tiles shall arrange unloading, storage and handling of the material in Cemented Tiles plant at Village Bhari, Lalheri Road Khanna, Distt. Ludhiana.

1.4 General Responsibilities

- In the event Ganpati Tiles is required to comply with statutory regulations and guidelines framed by the concerned authorities or Government Agency relating to emission monitoring for demonstrating the performance of Co-processing of the Material pursuant to the Agreement, the same shall be complied by Ganpati Tiles in consultation with SG Metals and Steels India Pvt. Ltd.
- SG Metals and Steels India Pvt. Ltd. shall be responsible for the compliance of all statutory regulations and guidelines as applicable to its employees, agents or representatives engaged in storage, handling and loading of the Material at the SG Metals and Steels India Pvt. Ltd. Manufacturing plant for onward dispatch to the Ganpati Tiles .
- M/s Ganpati Tiles shall be responsible to arrange for all tools, tackles and equipment and laboratory facilities at the plant Location Village Bhari, Lalheri Road Khanna, Distt. Ludhiana ,which are necessary to carry out Co-processing.
- SG Metals and Steels India Pvt. Ltd. shall ensure that full truck load of Material is dispatched to M/s Ganpati Tiles.

2.0 CERTIFICATE OF COMPLETION OF COPROCESSING:

M/s Ganpati Tiles at the beginning of every quarter, issue to SG Metals and Steels India Pvt. Ltd. a Certificate of Completion of Co-processing of the Material for the Material Co-processed during the previous quarter.

2.1 SERVICE CHARGES AND PAYMENT TERMS:

- In consideration of M/s Ganpati Tiles carrying out the co-processing of the Material, the SG Metals and Steels India Pvt. Ltd. shall not pay any charges to M/s Ganpati Tiles.

For SG Metals And Steels India Private Limited

Kansaj Singh
Director/Auth. Sgn.

For GANPATI TILES

(M/S)
Partner



2.2 TAXES AND DUTIES:

Except as otherwise provided in this Agreement, each Party shall be responsible for and shall discharge their own tax liabilities as required under applicable law.

3.0 TERM:

The Agreement shall be valid initially for a term of five years from the date of execution of this Agreement with an option of renewal for another term of five (5) years with mutual consent and on terms and conditions as may be agreed between the parties.

4.0 TERMINATION OF AGREEMENT

- The parties hereto terminate this Agreement due to business exigencies by mutual discussion only, which shall be confirmed in a written document executed by the Parties.
- Each Party may also terminate this Agreement by giving to the other Party a Ninety (90) days prior notice in writing in the event of breach of the terms and conditions of the Agreement committed by the other party.

IN WITNESSETH where of both the parties have given their respective hands in the

For ~~SC Metals And Steels India~~ Private Limited


Director/Auth. Sign.

Signature On Behalf of First Party

For GANPATI TILES


Partner

Signature On Behalf of Second Party

Witness


Parminder Singh S/o Dalvir Singh
W.No. 8 Anina Road
Ambloh (F.G.S)

Witness


Paitpal Singh S/o
Charanjit Singh
V.P.O. Ubra
Khamma delh.





**SG METALS & STEELS
INDIA PRIVATE LIMITED**

GSTIN : 03ABFCS3197K1Z2

PAN : ABFCS3197K

CIN : U27100PB2021PTC052642



77430-04017
94635-55738



sgmetalsandsteels@gmail.com

CERTIFIED TRUE COPY OF THE RESOLUTION PASSED IN THE MEETING OF BOARD OF DIRECTORS OF SG METALS AND STEELS INDIA PRIVATE LIMITED HELD ON TUESDAY, 01ST DAY OF APRIL, 2025 AT 04.30 PM AT THE REGISTERED OFFICE OF THE COMPANY SITUATED AT SHOP NO. 25, NEW GRAIN MARKET, KHANNA, LUDHIANA, PUNJAB-141401

“RESOLVED THAT pursuant to the provisions of **Section 161(1)** and other applicable provisions, if any, of the **Companies Act, 2013** approval of Board of Directors of the company be and is hereby accorded for the appointment of **Mr. Ranjeet Singla** holding **DIN- 11014670** as an **Additional Director** of the company from the date of this resolution till the conclusion of next Annual General Meeting.

“RESOLVED FURTHER THAT any of the Directors of the company be and are hereby authorized to sign the relevant **E- Form DIR-12** and any other document(s) for filing with the Registrar of Companies and to comply with all other legal and procedural formalities in this regard.”

“FURTHER RESOLVED THAT **CS Ashwani Kumar Khanna**, Practicing Company Secretary be and are hereby assigned the certification of **Form DIR-12** to be filed with Respective ROC for intimation of appointment of Director.”

Certified to be true copy

For SG METALS AND STEELS INDIA PRIVATE LIMITED

For SG Metals And Steels India Private Limited


Director/ Auth. Sign.

**Hans Raj
(Director)
DIN: 02359257**

ADDRESS:

Regd. Office : #25, Ground Floor, New Grain Market, Khanna, Ludhiana -141401, Punjab
Works : Vill. Shahpur, Teh. Amlloh, Distt. Fatehgarh Sahib -147203