



SURYA STEEL INDUSTRIES
ALLOY CASTING & ROLLING UNIT

Chatarpura Road, Vill. Ambey Majra, MANDI GOBINDGARH (Pb.)
suryasteelindustry@yahoo.co.in suryasteelind.com

Date:21-06-2024

To,
The Director,
Govt. of India, MOEF,
Northern Regional Office,
Bays No. 24-25,
Sector-31, Chandigarh.160030

Subject: Submission of six-monthly compliance report of M/s Surya Steel Industries, Village-Ambey Majra, Mandi Gobindagr, District- Fatehgarh Sahib. For the period of June, 2024.

Dear Sir,

This is in reference to the requirement stated in Environmental Clearance granted by Government of India, Ministry of Environment & Forest and Climate Change, issued by State Environment Impact Assessment Authority (SEIAA), Punjab vide their letter No. **SEIAA/PB/IND/2022/EC/12 dated 30.06.2022**. Copy of the same was sent by them to your office as well.

As per the miscellaneous conditions no. (v) of the Environment Clearance for our aforesaid project, we are herewith submitting the half yearly report for the period ending March, 2024.

Thanking you & Regards

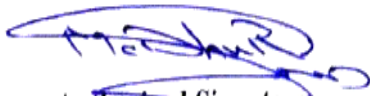
CONTACT DETAILS:

Name: -Sh. Vinod Kumar, Partner

Phone No-94174-94774

Email:..suryasteelindustry@yahoo.co.in

Yours Sincerely,
M/s Surya Steel Industries


Authorized Signatory

1. **CC: Member Secretary**, SEIAA Punjab, Ministry of Environment Impact Assessment & Climate change, Govt. of India, PBTI Complex, Knowledge City, Sector-81, Mohali-140306
2. **The Environmental Engineer**, Punjab Pollution Control Board, Regional Office, Fatehgarh Sahib, Punjab.

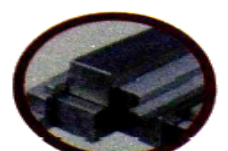
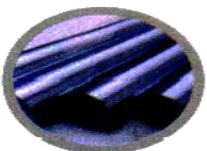


TABLE OF CONTENTS

S. No.	Description	Page No.
1.	Data Sheet	2-3
2.	Compliance of EC- Point wise compliance status of the stipulated environmental conditions	4-15
3.	Annexure-I: Environment Clearance Letter	16-30
4.	Annexure-II: CTO (Air, Water & HWM)	31-36
5.	Annexure-III: CTE Expansion	37-39
6.	Annexure-IV: PWRDA Ground Water Permission	40
7.	Annexure-V: Plantation photographs	41-42
8.	Annexure-VI: Copy of advertisement published in local newspaper	43
9.	Annexure-VII: Analysis Reports (Noise, Air & Ground Water)	44-47
10.	Annexure-VIII: Rejuvenation of Village Pond-Ambey Majra	48
11.	Annexure-IX: Photographs of OCEMS & AQMS	49

	<p>a) Project cost as originally planned and subsequent revised estimates and the year of price rat reference.</p> <p>b) Allocation made for environmental management plans with item wise and year wise breakup.</p> <p>c) Benefit cost ratio/internal rate of return and year of assessment.</p> <p>d) Whether (c) includes the cost of environmental management as shown in b) above.</p> <p>e) Actual expenditure incurred on the project so far.</p> <p>f) Actual expenditure incurred on the EMP so far</p>	<p>27.78 Crore</p> <p>237.60Lakh</p> <p>--</p> <p>Yes</p> <p>24.53 Crore</p> <p>160.00 Lakh</p>
10	<p>Forest land requirement:</p> <p>a) The status of approval for diversion of forest land for non –forestry use.</p> <p>b) Status of clear felling</p> <p>c) The status of compensatory a forestation, if any.</p> <p>d) Comments on the viability & sustainability of compensatory a forestation programs in the light of actual field experience so far.</p>	<p>NA</p> <p>NA</p> <p>NIL</p> <p>NIL</p>
11	The status of clear felling in non-forest areas.	NIL
12	<p>Status of construction:</p> <p>a) Date of commencement</p> <p>b) Date of completion.</p>	<p>Partial construction phase completed</p> <p>July 2022</p> <p>January 2024</p>
13	Reason for delay if any the projects yet to start.	NA

COMPLIANCE OF EC

Point wise compliance status of the stipulated environmental clearance conditions

Sr. No.	EC Conditions	Compliance Status as on 31.03.2024
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.	Not Applicable As no forest land is involved & the project is being executed within the existing industry.
ii.	The project proponent shall obtain clearance from the National Board for Wildlife, if applicable.	Not applicable As the project is not located in the eco sensitive zone.
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 scheduled-I species in the study area)	Not applicable in the view of (ii) above.
iv.	The project proponent shall obtain Consent to Establish/Consent to Operate under the provisions of Air (Prevention & Control of Pollution) Act, 1981 and the Water (Prevention & Control of Pollution) Act, 1974 from the concerned State Pollution Control Board/Committee.	Consent to establishment as per EC expansion and Consent to Operate for the partial operation phase already obtained from State Pollution Control Board. Copy of CTO enclosed herewith as Annexure-II and CTE as Annexure-III .
v.	The project proponent shall obtain the necessary permission from the Central Ground Water Authority, in case of drawl of ground water from the competent	Ground water permission as per draft guidelines of PWRDA already obtained. Copy of PWRDA

	authority concerned in case of drawl of surface water required for the project. In case of non- grant of permission by CGWA for ground water abstraction, the industry shall make alternative arrangements by using surface water or treated city sewage effluent after obtaining permission from competent authority.	permission enclosed Annexure-IV Fresh application as per PWRDA, Directions 2023 already filed.
vi.	The project proponent shall obtain authorization under the Hazardous and other Waste Management Rules, 2016 as amended from time to time.	Complied: Hazardous waste authorization already obtained. Copy attached as Annexure-II.
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.	Agreed for Compliance.
viii.	The project proponent shall comply with the CLU conditions imposed by competent authority, if any	Agreed for Compliance.
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. The system will be connected online with the SPCB and CPCB online servers and will be periodically calibrated in accordance with the specification and protocol of the equipment supplier through labs recognized under Environment (Protection) Act, 1986 or NABL accredited laboratories.	Complied: Continuous emission monitoring system already installed and operational. Photographs of the same enclosed as Annexure-IX.
ii.	The project proponent shall monitor fugitive emissions in	Agreed and shall be complied during

	the plant premises at least once in every quarter through laboratories recognized under Environment (Protection) Act, 1986 or NABL accredited laboratories.	the operational phase.
iii.	The project proponent shall install system carryout Continuous Ambient Air Quality monitoring for common/ criterion parameters relevant to the main pollutants released (e.g., PM10 and PM2.5 in reference to PM emission and SO2 and NOx in reference to SO2 and NOx emissions) within and outside the plant area (at least four locations one within and three outside the plant area at an angle of 120° each), covering upwind and downwind directions.	4 No. of Continuous Ambient Air Quality monitoring system already installed & operational. Photographs of the same enclosed as Annexure-IX . Beside this, manual monitoring of air quality is being done by an arrangement with NABL approved lab. Test report of air quality monitoring attached as Annexure-VII .
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 reports.	Agreed and shall be complied during the operation phase.
v.	Appropriate Air pollution Control (APC) system shall be provided for all the dust generating points including fugitive dust from all vulnerable sources.	Air Pollution Control Systems, have been installed.
vi.	The project proponent shall provide leakage detection and mechanized bag cleaning facilities for better maintenance of bags.	Agreed for Compliance.
vii.	Sufficient number of mobile or stationary vacuum cleaners shall be provided to clean plant roads, shop floors, roofs, regularly.	Agreed for Compliance.
viii.	Recycle and reuse iron ore fines, coal and coke fines, lime fines and such other fines collected in the pollution	Being an existing unit APCD dust is being disposed-off to approved H.W

	control devices and vacuum cleaning devices in the process after briquetting/agglomeration should be ensured.	recyclers for metal recovery under proper agreement.
ix.	The project proponent shall use leak proof trucks/dumpers carrying coal and other raw materials and cover them with tarpaulin.	Not Applicable As no material likely to become airborne will be used in the process.
x.	The project proponent shall provide covered sheds for raw materials like scrap and sponge iron, lump ore, coke, coal etc.	Covered sheds with pucca floor already provided for storage of raw material.
xi.	The project proponent shall provide primary and secondary fume extraction system at all melting furnaces.	Primary extraction system already provided.
xii.	Design the ventilation system for adequate air changes as per ACGIH document for all tunnels, motor houses and oil cellars should be ensured.	Complied
xiii.	The project proponent shall install an online monitoring system at the inlet as well as at the outlet of each APCD for monitoring SPM.	Complied: Online monitoring system already installed at the outlet of APCD.
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.	As no waste water will be generated and discharged, the installation of piezometers has not been considered necessary towards Ground water quality is being monitored and the analysis report of the same attached herewith as Annexure- VII.
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.	Not Applicable As all the R.M finished products is being stored in covered sheds.
iii.	The project proponent shall practice rainwater harvesting to the maximum possible extent. For this, a pond at Ambey Majra having recharge potential of volume	Complied: Rain water harvesting through pond have been implemented as per the

	@1,37,550m ³ shall be adopted to recharge the water @68,775 kl/annum. 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 entire 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 starta (without injection) to augment the ground water and the remaining water shall be used for irrigation purposes by pumping method in the nearby fields.	designed based on the technology developed by CSIR-NEERI's. Photographs of the same enclosed as Annexure-VIII .
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.	Agreed for compliance.
IV.	Noise Monitoring and Prevention	
i.	A 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.	Noise survey has been carried out during base line study; however, regular noise level monitoring is being carried out.
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.	Latest noise monitoring report attached herewith as Annexure-VII .
V.	Energy Conservation Measures	
i	The project proponent shall practice hot charging of slabs and billets/blooms as far as possible.	The condition will be complied during project execution & completion phase.
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	Due to heavy duty cranes operation, there is vibration in the overhead shed that's why it's not feasible to

	project area and maintain the same regularly.	install the solar system on roof top.
iii	The project proponent shall provide LED lights in their offices and residential areas.	LED lights have been provided in the office area.
iv	The project proponent shall practice hot charging of slabs and billets/blooms as far as possible.	The condition will be complied during project execution & completion phase
VI.	Waste Management	
i.	Used refractories shall be recycled as far as possible.	Noted & 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.	Not Applicable As no-fly ash will be generated.
iii.	The waste oil, grease and other hazardous waste shall be disposed of as per the Hazardous & Other Waste (Management & Transboundary Movement) Rules, 2016.	Agreed for compliance. The used oil is being used within the industry as lubricant. The APCD dust is being disposed-off to authorized/approved preprocessor.
iv.	Kitchen waste shall be composted or converted to biogas for further use.	Noted & agreed.
VII.	Green Belt	
i.	Green belt shall be developed in an area of 5401.73 sqm (equal to 37.4% of the plant area) with native tree species in accordance with SEIAA guidelines. Total 810 tall saplings (minimum 6 feet height) of indigenous species such as Neem, Banyan, Peepal, Amaltas, Arjun, Baheda, Chakarasia etc will be planted.	Green belt is being carried out as per the EIA. Photographs of green belt enclosed herewith as Annexure-V .
ii.	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	Noted& agreed

	alia cover the entire periphery of the unit. The canopy trees shall also be planted around the parking area to provided shade to the parked vehicles.	
iii.	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.	Noted& agreed
iv.	The project proponent shall submit the progress of developing the green belt in the six- monthly compliance report.	Noted& agreed
VIII.	Public Hearing and Human Health Issues	
i.	An Emergency preparedness plan based on the Hazard identification and Risk Assessment (HIRA) and Disaster Management Plan shall be implemented.	Agreed for compliance.
ii.	The project proponent shall carry out heat stress analysis for the workmen who work in high temperature work zone and provide Personal Protective Equipment (PPE) as per the norms of Factory Act.	The work zone is being regularly monitored. The workers exposed to high temperatures are provided with flame resistance garments, hard hat, eyewear, gloves and ear protection.
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.	Noted & agreed
iv.	Occupational health surveillance of the workers shall be done on a regular basis and records maintained as per the Factories Act.	All of the workers are covered under ESI.
v.	The project proponent shall carry out the activities and spent an amount as committed during the Public Hearing	There are no additional activities added during the public hearing

	as per the public hearing Action plan.	except the CER activities.
vi.	The project proponent shall submit compliance of the action plan proposed to address the public hearing issues along with six-monthly compliance report of EC condition on the privesh portal.	Complied
IX.	Environment Management Plan	
i.	The company shall have a well laid down environmental policy duly approve by the Board of Directors. The environmental policy should prescribe for standard operating procedures to have proper checks and balances and to bring into focus any infringements/deviation/violation of the environmental/ forest/ wildlife norms/ conditions. The company shall have defined system of reporting infringements/ deviation/ violation of the environmental/ forest/ wildlife norms/ conations and/ or shareholders/ stake holders. The copy of the board resolution in this regard shall be submitted to the MoEF&CC as a part of six-monthly reports.	The company has/will be laid down environmental policy. Separate SOP for its implementation has not been prescribed as the same is available in Quality Manual. The EMC works after the implementation of EMP & comply with the statutory requirement.
ii.	A separate Environment Cell both at the project and company head quarter level, with qualified personnel shall be set up under the control of Senior Executive, who will directly to the head of the organization.	Being a small-scale industry, all the environmental issues & concerns are looked after by EMC comprises the following: <ul style="list-style-type: none"> • Project Promoter • Process In charge • Environment Consultant
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 will not be diverted for any other purpose. The project proponent shall spend the minimum amount of Rs. 237.60 Lacs towards the capital cost in the construction phase of the	

project including the environmental monitoring cost and 90.60 lacs/annum towards the recurring cost in the operation phase of the project under the environmental Management Plan (EMP) of the proposed project as per the details given in the table below:

S. No	Title	Capital Cost Rs. Lakh	Recurring Cost Rs. Lakh	Compliance Status
	Pollution Control during construction stage.	5.0	2.0	About 160.0 Lakh so far has been spent on the EMP activities.
	Air pollution control (installation of APCD)	120.0	50.0	
	Water pollution control (installation of STP)	10.0	2.0	
	Green Belt development	8.10	8.10(for 3 years)	
	Noise pollution control	2.5	2.5	
	Solid/ Hazardous waste management	10.0	10.0	
	Environment monitoring and management	5.0	4.0	
	Occupational health, safety and risk management	5.0	7.0	
	RWH	30.0	5.0	
	Miscellaneous	15.0	---	
	CER	27.0	--	
	Total	237.60 Lakh	90.60Lakh	

Details of CER Activities .

S. No.	Activity	Amount (Rs. Lac)	Compliance Status
1.	Rejuvenation of village Pond-Ambey Majra	20.0	Rejuvenation of pond and plantation alongside already completed. Photographs of the same enclosed as Annexure-VIII.
2.	Tree plantation in the open area in the nearby village- Ambey Majra	7.0	
	Total	27.0	


The entire cost of the environmental management plan will continue to be borne by the project proponent throughout the life of the project. Year-wise progress of implementation of action plan shall be reported to the Ministry/regional Office/SEIAA along with the six-monthly compliance reports.

iv.	The Self- environmental audit shall be conducted annually. Every three years third party environmental audit shall be carried out.	Noted and agreed for compliance.
v.	All the recommendations made in the Charter on Corporate Responsibility for Environment protection (CREP) for the plants shall be implemented.	Not Applicable As no separate CREP for secondary metallurgical industry has so far been prescribed by CPCB.
X.	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.	Noted.
XI.	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 proponents' website permanently.	Complied: Advertisement have been published in the local newspaper. Copy of the same enclosed as Annexure-VI .
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.	Complied.
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.	We are in the process of adding tab on the company website. As soon as it is added, copy of the EC along with the compliance report will be uploaded.
iv.	The project proponent shall monitor the criteria pollutants level namely; PM10, SO2, NOx (ambient	The environmental data for criteria pollutant parameters will be

	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.	displayed on the board at the main gate during the project execution.
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 reports are being uploaded on regular basis on the Parivesh portal 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.	Noted and shall be complied.
vii.	The project proponent shall inform the Regional Office as well as the Ministry, the date of financial closure and final approval of the project by the concerned authorities, commencing the land development work and start of production operation by the project.	Noted and shall be complied.
viii.	The project authorities must strictly adhere to the stipulations made by the State Pollution Control Board and the State Government.	Noted & complying with the consent conditions.
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.	Noted & complying: All the environment safeguards as detailed in EIA/EMP reports will be taken.
x.	No further expansion or modifications in the plant shall be carried out 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	Noted & Agreed.

	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 of the MoEF&CC, Chandigarh, Punjab Pollution Control Board shall monitor compliance of the stipulated conditions. Members of SEIAA/SEAC may also undertake visits to ascertain compliance of EC conditions. The project authorities should extend full cooperation to the officer(s) of the Regional Office of the MoEF&CC, PPCB and Members of SEIAA/SEAC deputed for this purpose and ensure submission of the requisite data / information/monitoring reports .	Agreed for extending the full cooperation to the officer(s) of the Regional Office by furnishing the requisite data/information/monitoring reports.
XII.	Additional conditions	
i.	In the event that the project proponent decides to abandon/ close the project at any stage, he shall submit and application in the prescribed form along with requisite documents through Parivesh to SEIAA for surrendering the Environmental clearance as per the procedure prescribed in OM dated 29.03.2022 issued by the MoEF&CC. The project proponent shall be accountable for adherence/ compliance of the EC conditions till such time as the project is finally closed by SEIAA, based upon the certified closure report of integrated regional offices (IROs) of MoEF&CC, Chandigarh/PPCB	Noted & agreed

EC Letter

ENVIRONMENTAL CLEARANCE	 Government of India Ministry of Environment, Forest and Climate Change (Issued by the State Environment Impact Assessment Authority(SEIAA), Punjab)																		
PARIVESH <i>(Pro-Active and Responsive Facilitation by Interactive, and Virtuous Environmental Single-Window Hub)</i>	<p>To,</p> <p>The PARTNER M/S SURYA STEEL INDUSTRIES village- Ambey majra, Mandi Gobindgarh, Distt.- Fatehgarh Sahib -147301</p> <p>Subject: Grant of Environmental Clearance (EC) to the proposed Project Activity under the provision of EIA Notification 2006-regarding</p> <p>Sir/Madam,</p> <p>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/74668/2021 dated 21-Apr-2022. The particulars of the environmental clearance granted to the project are as below.</p> <table border="0"> <tr> <td>1. EC Identification No.</td> <td>EC22B008PB199528</td> </tr> <tr> <td>2. File No.</td> <td>SEIAA/PB/IND/2022/EC/12</td> </tr> <tr> <td>3. Project Type</td> <td>New</td> </tr> <tr> <td>4. Category</td> <td>B1</td> </tr> <tr> <td>5. Project/Activity including Schedule No.</td> <td>3(a) Metallurgical industries (ferrous & non ferrous)</td> </tr> <tr> <td>6. Name of Project</td> <td>Expansion in the existing Steel Manufacturing Unit Surya Steel Industries at Village Ambey Majra Mandi Gobindgarh Tehsil Amloh District Fatehgarh Sahib</td> </tr> <tr> <td>7. Name of Company/Organization</td> <td>M/S SURYA STEEL INDUSTRIES</td> </tr> <tr> <td>8. Location of Project</td> <td>Punjab</td> </tr> <tr> <td>9. TOR Date</td> <td>25 Jun 2021</td> </tr> </table> <p>The project details along with terms and conditions are appended herewith from page no 2 onwards.</p> <p style="text-align: right;">(e-signed) Kamal Kumar Garg, PCS Member Secretary SEIAA - (Punjab)</p> <p>Date: 30/06/2022</p> <p><i>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.</i></p> <p><i>This is a computer generated cover page.</i></p>	1. EC Identification No.	EC22B008PB199528	2. File No.	SEIAA/PB/IND/2022/EC/12	3. Project Type	New	4. Category	B1	5. Project/Activity including Schedule No.	3(a) Metallurgical industries (ferrous & non ferrous)	6. Name of Project	Expansion in the existing Steel Manufacturing Unit Surya Steel Industries at Village Ambey Majra Mandi Gobindgarh Tehsil Amloh District Fatehgarh Sahib	7. Name of Company/Organization	M/S SURYA STEEL INDUSTRIES	8. Location of Project	Punjab	9. TOR Date	25 Jun 2021
1. EC Identification No.	EC22B008PB199528																		
2. File No.	SEIAA/PB/IND/2022/EC/12																		
3. Project Type	New																		
4. Category	B1																		
5. Project/Activity including Schedule No.	3(a) Metallurgical industries (ferrous & non ferrous)																		
6. Name of Project	Expansion in the existing Steel Manufacturing Unit Surya Steel Industries at Village Ambey Majra Mandi Gobindgarh Tehsil Amloh District Fatehgarh Sahib																		
7. Name of Company/Organization	M/S SURYA STEEL INDUSTRIES																		
8. Location of Project	Punjab																		
9. TOR Date	25 Jun 2021																		
																			
<p>EC Identification No. - EC22B008PB199528 File No. - SEIAA/PB/IND/2022/EC/12 Date of Issue EC - 30/06/2022 Page 1 of 15</p>																			

This has reference to your online proposal no. SIA/PB/IND /74668/2021 dated 21.04.2022 for environmental clearance to the above-mentioned project.

2) State Environment Impact Assessment Authority (SEIAA), Punjab has examined the proposal for expansion of the Steel Manufacturing Unit "M/s Surya Steel Industries" from existing capacity of 29,400 TPA of Alloys/non-Alloys Steel Billets/Ingots/Round, Square, Bars, Flats and Angles to 1,22,500 TPA of Alloys/Non-Alloys Steel Billets/Ingots/Round, Square, Bars, Flats and Angles by replacing existing induction Furnace and upgradation of rolling mill located at Village Ambey Majra, Mandi Gobindgarh, District Fatehgarh Sahib, Punjab. 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.

3) State Environment Impact Assessment Authority (SEIAA), Punjab has granted Terms of References (TORs) vide letter no. SEIAA/MS/2021/4329 dated 25.06.2021 to the project proponent and Punjab Pollution Control Board has conducted the public hearing for the project on 18.01.2022.

4) The proposal has been appraised as per the procedure prescribed under the provisions of EIA Notification 14.09.2006 based on the mandatory documents enclosed with the online 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. 1169 dated 25.04.2022, the industry has not started any construction activity with respect to the proposed expansion project. The project site falls in the Industrial Area as per the Master Plan, Mandi Gobindgarh. No additional land has been acquired by the Project Proponent. As such, the proposed site is suitable for the expansion of the project.

6) This is a Fresh EC project as the existing unit does not attract the provisions of EIA Notification, 14.09.2006. 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 Surya Steel Industries, Village-Ambey Majra, Mandi Gobindgarh, District Fatehgarh Sahib, Punjab		
2.	Latitude & Longitude	Corner	Latitude	Longitude
		A	30°38'24.08"N	76°18'47.09"E
		B	30°38'26.44"N	76°18'51.73"E
		C	30°38'21.49"N	76°18'51.82"E
		D	30°38'21.52"N	76°18'47.09"E

3.	Project/activity covered	(a) B-1 (b) Metallurgical Industries (Ferrous & Non-ferrous) & Schedule 3(a) as per EIA notification-2006.					
4.	Classification/Land use pattern as per Master Plan	The project falls in industrial Zone as per Master Plan of Mandi Gobindgarh.					
5.	Cost of the project (After expansion)	Rs. 27.78 Crores					
6.	Plot & Green Area Details	Sr. No.	Particulars	Existing	Proposed	Total after expansion	
		1.	Land	14422.11 sqm	-	14422.11 sqm	
		Block wise Green Area details within the project					
		2.	Block A	-	489 sqm	489 sqm	
		3.	Block B	-	997.5 sqm	997.5 sqm	
		4.	Block C	-	971 sqm	971 sqm	
		Total					2,457.5 sqm
*Note: Additional 2944.23 sqm of green area shall be developed at a distance of 168 m from the boundary of the project.							
7.	Raw Material details	Sr. No.	Raw Materials	Existing	Proposed	Total after expansion	
		1.	Scrap & Ferro Alloys	32,250 TPA	1,01,750 TPA	1,34,000 TPA	
8.	Production Capacity details	Sr. No.	Product Name	Existing	Proposed	Total after expansion	
		1.	Alloys/Non-Alloys, Steel Billets/Ingots/ Round, Square, Bars, Flats and Angles	29,400 TPA	93,100 TPA	1,22,500 TPA	
9.	Details of major productive machinery/ plant	Sr. No.	Particulars	Existing	Proposed	After Expansion	
		1.	Induction Furnace	1X7TPH (replaced),	1X15 TPH & 1x10 TPH	1X15 TPH & 1x10 TPH	
		2.	Rolling mill (Hot rolled)	01 No.	Upgradation of existing rolling mill		
		3.	Concast	01 No.	Upgradation of existing Concast		

		4.	DG Set	1x125 KVA	2X365 KVA	1x125 KVA 2X365KVA
10.	Details of technology proposed for control of emissions & effluents generated from project	Sr. No.	Details of proposed APCD/STP	Technology	Capacity	
		1.	APCD (for 1x15 TPH)	Side suction hood followed by Pulse Jet Bag Filter with offline technology having 1014 bags	ID fan of 1,20,000 m ³ /hr capacity attached with 250 kw electric motor with Common Stack of 30 m from Ground level	
		2.	APCD (for 1x10 TPH)	Side suction hood followed by Pulse Jet Bag Filter with offline technology having 540 bags	ID fan of 75,000 m ³ /hr capacity attached with 200 kw electric motor with Common Stack of 30 m from Ground level	
		3.	Rolling Mill (Hot rolled)	The industry will switch over to PNG.	-	
		4.	DGsets (1X 125 KVA) (2 X 365 KVA)	-	Equipped with Canopy Adequate stack height	
11.	Manpower Required	661 persons				
12.	Breakup of Water Requirements & its source in Operation Phase	Sr. No.	Purpose	Existing water demand (KLD)	Total water demand after expansion (KLD)	
		1.	Make-up water for cooling demand	4.5	6.75	
		2.	Domestic water demand	25	85	
			Total	29.5	91.75	
		Source of water:				
		S. No.	Purposes	Source of water		
		1.	Make-up water for	Ground water		

			cooling demand			
		2.	Domestic water demand		Ground water	
		3.	Green area demand		Treated water and Ground water	
13.	Waste water generation & its disposal Arrangement in Operation Phase (After expansion)	Sr. No.	Description	Total	Mitigation Measures/ Remarks	
		1.	Domestic wastewater	5.4 KLD	Will be treated in the proposed STP of capacity 10 KLD and treated water used in Plantation/Green Area	
		2.	Industrial effluent	Nil	--	
14.	Hazardous Waste Generation details & their storage, utilization and its disposal.	Hazardous Waste				
		S. No.	Waste category	Total after expansion	Disposal	
		1.	Category 5.1 Used oil	0.2 KL/annum	Will be sold to the authorized recycles	
		2.	Category 35.1 Flue Gas cleaning residue	1.26 TPD	Will be sent to M/s Madhav Alloys for final disposal	
15.	Solid Waste generation and its mode of disposal	Sr. No.	Type of waste	Existing	Total after expansion	Disposal method
		1.	Slag	3.5 TPD	18.5 TPD	Will be sold to M/s PD Products manufacturing of interlocking tiles.
16.	Energy requirements & savings	a. The energy requirement details are given below:				
		Description	Unit	Existing	Proposed	Total after expansion
		Power load	KW	4,000	8,000	12,000
		Silent D.G set	KVA	1 x125	2 x365	1x 125 2x365
		Source: Punjab State Power Corporation Limited				
		b. Energy Saving measures to be adopted:				
		(i) 4.15 % energy will be saved by LED lights in place of inter lighting.				
		(ii) 4.15% energy will be saved by adopting Solar energy lights for outer lighting.				

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 219th meeting held on 29.04.2022. 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 expansion of steel manufacturing unit from existing capacity of 29,400 TPA of Alloys/non-Alloys Steel Billets/Ingots/Round, Square, Bars, Flats and Angles to 1,22,500 TPA of Alloys/Non-Alloys Steel Billets/Ingots/Round, Square, Bars, Flats and Angles by replacing existing induction furnace and up-gradation of rolling mill and concast plant located at Village Ambey Majra, Mandi Gobindgarh, District 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 206th meeting held on 08.06.2022 wherein SEIAA observed that the case stands recommended by SEAC. The Authority examined and appraised the environmental impacts and other aspects of the project proposal in detail as deliberated upon and recorded in the proceedings of its 206th meeting held on 08.06.2022 and was satisfied with the same. Therefore, the Authority decided to grant the Environmental Clearance for the expansion of steel manufacturing unit "M/s Surya Steel Industries" from existing capacity of 29,400 TPA of Alloys/non-Alloys Steel Billets/Ingots/Round, Square, Bars, Flats and Angles to 1,22,500 TPA of Alloys/Non-Alloys Steel Billets/Ingots/Round, Square, Bars, Flats and Angles by replacing existing induction furnace and up-gradation of rolling mill and concast plant located at Village Ambey Majra, Mandi Gobindgarh, District 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 the Forest (Conservation) Act, 1986, in case of the diversion of forest land for non-forest purposes 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 types 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 specifications 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 stationary 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 systems 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, and Oil Cellars should be ensured.
- xiii. The Project Proponent shall install an online monitoring system at the inlet as well as at the outlet of each APCD for monitoring SPM.

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. 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.
- iii. The project proponent shall practice rainwater harvesting to the maximum possible extent. For this, a pond at Ambey Majra having recharge potential of volume @ 1,37,550 m³ shall be adopted to recharge the water @ 68,775 kl/annum. 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 the remaining water shall be used for irrigation purposes by pumping method in the nearby fields.
- 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.

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.
- iv. The Project Proponent shall practice hot charging of slabs and billets/blooms as far as possible.

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 a 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 5401.73 Sqm (equal to 37.4% of the plant area) with native tree species in accordance with SEIAA guidelines. Total 810 tall saplings (minimum 6 feet height) of indigenous species such as Neem, Banyan, Peepal, Amaltas, Arjun, Baheda, Chakarasia etc will be planted.
- ii. 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. The canopy trees shall also be planted around the parking area to provide shade to the parked vehicles.
- iii. 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.
- iv. The project proponent shall submit the progress of developing the green belt in the six-monthly compliance report.

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 the 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 committed during the public hearing as per the public hearing action plan.

- vi. 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 the Parivesh portal.

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/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.
- 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.
- iii. 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. 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. The project proponent shall spend the minimum amount of Rs. 237.60 Lacs towards the capital cost in the construction phase of the Project including the environmental monitoring cost and 90.60 lacs/annum towards the recurring cost in the operation phase of the project under the Environmental Management Plan (EMP) of the proposed project as per the details given in the Table below:

Sr. no.	Title	Capital Cost ₹ Lakh	Recurring Cost ₹ Lakh
1	Pollution Control during construction stage	5.0	2.0
2	Air Pollution Control (Installation of APCD)	120.0	50.0
3	Water Pollution Control (Installation of STP)	10.0	2.0
4	Green Belt development	8.10	8.10 (for 3 years)
5	Noise Pollution Control	2.5	2.5
6	Solid/ Hazardous Waste Management	10.0	10.0
7	Environment Monitoring and Management	5.0	4.0
8	Occupational Health, Safety and Risk Management	5.0	7.0
9	RWH	30.0	5.0

10	Miscellaneous	15.0	---
11.	CER	27.0	--
	TOTAL	237.60	90.60

***CER Activities:**

As proposed, the project proponent shall spend the amount of Rs. 27 lacs under CER activities as under:

Sr. No.	Activity	Amount (Rs. Lac)
1.	Rejuvenation of Village Pond- Ambey Majra	20.0
2.	Tree plantation in the open area in the nearby village- Ambey Majra	7.0
	Total	27.0

The entire cost of the environmental management plan will continue to be borne by the project proponent throughout the life of the Project. Year-wise progress of implementation of action plan shall be reported to the Ministry/Regional Office / SEIAA along with the Six-Monthly Compliance Reports.

- iv. Self-environmental audit shall be conducted annually. Every three years third-party environmental audit shall be carried out.
- v. All the recommendations made in the Charter on Corporate Responsibility for Environment Protection (CREP) for the plants shall be implemented.

X. Validity

- i) This environmental clearance will be valid for a period of ten years from the date of its issue as per MoEF & CC, Gol notification No. S.O. 1807 (E) dated 12.04.2022 or till the completion of the project, whichever is earlier.

XI. 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 a 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 the 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 the 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.

XII. Additional Conditions:

- i. In the event that the project proponent decides to abandon/close the Project at any stage, he shall submit an application in the prescribed form along with requisite documents through Parivesh to SEIAA for surrendering the Environmental Clearance as per the

procedure prescribed in OM dated 29.03.2022 issued by the MoEF&CC. The project proponent shall be accountable for adherence/compliance of the EC conditions till such time as the project is finally closed by SEIAA, based upon the certified closure report of Integrated Regional Offices (IROs) of MoEF&CC, Chandigarh/PPCB.

- 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 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.

**(Kamal Kumar Garg, PCS)
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. Vinod Kumar, Partner
 - b) Mobile No. : 94174-94774

- c) Email Id : vkumarq15@gmail.com;
suryasteelindustry@yahoo.co.in
d) Email ID of Env. Consultant : cptleia@gmail.com

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.

(Kamal Kumar Garg, PCS)
Member Secretary, SEIAA
E-mail: seiaapb2017@gmail.com



Signature Not Verified

Digitally signed by Sh. Kamal
Kumar Garg, PCS
Member Secretary

Date: 6/30/2022 4:53:23 PM

CTO (AIR)



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



Office Dispatch No :	Registered/Speed Post	Date:
Industry Registration ID: R13FGS227840		Application No : 23906985

To,

Vinod Kumar
 Surya Steel Industries, Vill Ambey Majra, Mandi Gobindgarh
 Mandigobindgarh, Fatehgarhsahib-147301

Subject: Renewal of consent no. CTOA/Renewal/FGS/2022/20017824 dated 18/11/2022 granted under the provisions of the Air (Prevention & Control of Pollution) Act, 1981.

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

Consent to Operate Certificate No.	CTOA/Renewal/FGS/2023/23906985
Date of issue :	07/11/2023
Date of expiry :	30/09/2024
Certificate Type :	Renewal
Previous CTO No. & Validity :	CTOA/Renewal/FGS/2022/20017824 From:18/11/2022 To:17/11/2023

2. Particulars of the Industry

Name & Designation of the Applicant	Vinod Kumar, (Partner)
Address of Industrial premises	Surya Steel Industries, Vill Ambey Majra, Mandi Gobindgarh, Amlah, Fatehgarh Sahib-147301
Capital Investment of the Industry	2453.56 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"

Surya Steel Industries, Vill Ambey Majra, Mandi Gobindgarh, Amlah, Fatehgarh Sahib, 147301

Page 1

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

The renewal of consent to operate granted to the industry vide no. CTOA/Varied/FGS/2020/13594740 dated 25/09/2020 valid upto 30/09/2022, renewed vide no. CTOA/Renewal/FGS/2022/20017824 dated 18/11/2022 valid upto 17/11/2023 under the Air (Prevention and Control of Pollution) Act, 1981 is hereby further renewed upto 30/09/2024 with the same conditions as imposed earlier and specific conditions:

1. The industry will operate & maintain its air pollution control device (APCD), regularly and efficiently, so as to achieve the stack emission standards, consistently as prescribed by the Board/ MoEF&CC as amended from time to time.
2. The industry shall ensure that no black smoke should be emitted from the stack of the industry at any time.
3. The industry shall get the stack emission monitoring from Board within one month.
4. The industry shall comply with the guidelines/SOPs provided by PSCST, Chandigarh in the effective operation of APCD.
5. The industry shall not commission its expansion project without getting varied Consent to Operates of the Board.
6. The industry shall plant trees wherever space is available inside and outside the unit.
7. The industry shall also develop the vermicomposting/composting to manage the biodegradable solid waste. PP shall not throw, burn or bury any solid wastes in open, outside premises or in drain / water bodies.
8. The industry shall perform / promote its Corporate Environment Responsibility (CER) activities as well as use of alternatives of single use plastics (SUP) and awareness to discourage use of plastic (See attached banner/circular).
9. The industry shall ensure that there are no usages of single use plastic- thermocol disposable items such as water bottles / water pouches/water cups, plates, forks, spoons, straw etc. and single use decorating material made of plastic-thermocol or any other non-biodegradable material in the premises.
10. The industry shall properly handle and manage the solid wastages as per the provisions of the Municipal Solid Waste Rules 2016 and ensure that the solid waste is segregated & disposed of in an environmentally sound manner.
11. The industry shall carry out awareness and activities for the themes / action points identified under Mission LiFE (Lifestyle for the Environment) by Ministry of Environment, Forests and Climate Change given at the website (<http://missionlife-moefcc.nic.in>).
12. The renewal of the consent is being granted for the operation of induction furnace of capacity 7 T/Heat. The industry will apply varied consents before commissioning of the induction furnaces having capacities 15 T/Heat and 10 T/Heat for which the industry was granted Consent to Establish for expansion of the unit.

All other contents shall remain unchanged. This letter shall remain appended with the consent issued vide no. CTOA/Varied/FGS/2020/13594740 dated 25/09/2020 and its subsequent extensions issued from time to time under the Air (Prevention & Control of Pollution) Act, 1981.



07/11/2023

**(Amit Kumar)
Environmental Engineer**

*For & on behalf
of*

(Punjab Pollution Control Board)

"This is computer generated document from OCMMS by PPCB"

Surya Steel Industries, Vill Ambey Majra, Mandi Gobindgarh, Amloh, Fatehgarh Sahib, 147301

Page2

CTO (WATER)



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



Office Dispatch No :	Registered/Speed Post	Date:
Industry Registration ID: R13FGS227840		Application No : 23907099

To,

Vinod Kumar
Surya Steel Industries, Vill Ambey Majra, Mandi Gobindgarh
Mandigobindgarh, Fatehgarhsahib-147301

Subject: Renewal of consent no. CTOW/Renewal/FGS/2022/20023156 dated 18/11/2022 granted under the provisions of the Water (Prevention and Control of Pollution) Act, 1974.

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

Consent to Operate Certificate No.	CTOW/Renewal/FGS/2023/23907099
Date of issue :	07/11/2023
Date of expiry :	30/09/2024
Certificate Type :	Renewal
Previous CTO No. & Validity :	CTOW/Renewal/FGS/2022/20023156 From:18/11/2022 To:17/11/2023

2. Particulars of the Industry

Name & Designation of the Applicant	Vinod Kumar, (Partner)
Address of Industrial premises	Surya Steel Industries, Vill Ambey Majra, Mandi Gobindgarh, Amlah, Fatehgarh Sahib-147301
Capital Investment of the Industry	2453.56 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"

Surya Steel Industries, Vill Ambey Majra, Mandi Gobindgarh, Amlah, Fatehgarh Sahib, 147301

Page 1

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

The renewal of consent to operate granted to the industry vide no. CTOW/Varied/FGS/2020/13594857 dated 25/09/2020 valid upto 30/09/2022, renewed vide no. CTOW/Renewal/FGS/2022/20023156 dated 18/11/2022 valid upto 13/11/2023 under the Water (Prevention & Control of Pollution) Act, 1974 is hereby further renewed upto 30/09/2024 with the same conditions as imposed earlier and specific conditions:

1. The industry shall obtain permission from the Punjab Water Regulation and Development Authority (PWRDA) for the abstraction of ground water and submit the same at Regional Office, Fatehgarh Sahib.
2. The industry shall install water meter over the supply of fresh water within 7 days and shall submit the record of daily withdrawal/ consumption at Regional Office, Fatehgarh Sahib on monthly basis.
3. The industry shall not generate and discharge any kind of trade effluent from its process under any circumstance without obtaining prior permission from the Board.
4. The industry shall comply with the guidelines/SOPs provided by PSCST, Chandigarh in the effective operation of APCD.
5. The industry shall not commission its expansion project without getting varied Consent to Operates of the Board.
6. The industry shall plant trees wherever space is available inside and outside the unit.
7. The industry shall also develop the vermicomposting/composting to manage the biodegradable solid waste. PP shall not throw, burn or bury any solid wastes in open, outside premises or in drain / water bodies.
8. The industry shall perform / promote its Corporate Environment Responsibility (CER) activities as well as use of alternatives of single use plastics (SUP) and awareness to discourage use of plastic (See attached banner/circular).
9. The industry shall ensure that there are no usages of single use plastic- thermocol disposable items such as water bottles / water pouches/water cups, plates, forks, spoons, straw etc. and single use decorating material made of plastic-thermocol or any other non-biodegradable material in the premises.
10. The industry shall properly handle and manage the solid wastages as per the provisions of the Municipal Solid Waste Rules 2016 and ensure that the solid waste is segregated & disposed of in an environmentally sound manner.
11. The industry shall carry out awareness and activities for the themes / action points identified under Mission LiFE (Lifestyle for the Environment) by Ministry of Environment, Forests and Climate Change given at the website (<http://missionlife-moefcc.nic.in>).
12. The renewal of the consent is being granted for the operation of induction furnace of capacity 7 T/Heat. The industry will apply varied consents before commissioning of the induction furnaces having capacities 15 T/Heat and 10 T/Heat for which the industry was granted Consent to Establish for expansion of the unit.

All other contents shall remain unchanged. This letter shall remain appended with the consent issued vide no. CTOW/Varied/FGS/2020/13594857 dated 25/09/2020 and its subsequent extensions issued from time to time under the Water (Prevention & Control of Pollution) Act, 1974.



07/11/2023

**(Amit Kumar)
Environmental Engineer**

For & on behalf

of

(Punjab Pollution Control Board)

"This is computer generated document from OCMMS by PPCB"

Surya Steel Industries, Vill Ambey Majra, Mandi Gobindgarh, Amloh, Fatehgarh Sahib, 147301

Page 2

CTO (HWM)



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 : R13FGS227840 Application No : 23312560

To,

Vinod Kumar
Surya Steel Industries, Vill Ambey Majra, Mandi Gobindgarh
Mandi Gobindgarh, Fatehgarh Sahib-147301

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

Vinod Kumar of Surya steel industries is hereby granted an authorisation based on the enclosed signed inspection report for Collection, Generation, Storage, Transportation, Disposal, on the premises situated at Vill ambey majra, mandi gobindgarh, Amlah, Fatehgarh sahib-147301

1. Particulars of Authorization granted to the Industry

Authorization No	HWM/renew/FGS/2023/23312560
Previous Authorization No	HWM/Fresh/FGS/2019/9537055
Date of issue :	10/10/2023
Date of expiry :	30/09/2024
Previous Authorization Date of Issue :	01/04/2019
Previous Authorization Date of Expiry :	30/09/2023
Authorization Type :	renew

2. Particulars of the Industry

Name & Designation of the Applicant	Vinod Kumar, (Partner)
Address of Industrial premises	Surya steel industries, Vill ambey majra, mandi gobindgarh, Amlah, Fatehgarh sahib-147301
Capital Investment of the Industry	2453.56 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 OCMMMS by PPCB"

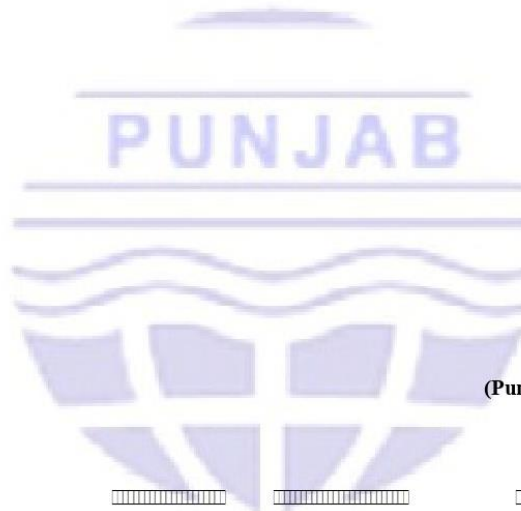
Surya steel industries, Vill ambey majra, mandi gobindgarh, Amlah, Fatehgarh sahib, 147301

Page 1

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 , Transportation , Disposal	0.015 KL/Annum
Schedule I 35.1-Exhaust Air or Gas cleaning residue	Generation , Collection , Storage , Disposal	120 T/Annum

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



10/10/2023

(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.

10/10/2023

(Amit Kumar)
Environmental Engineer

"This is computer generated document from OCMMS by PPCB"

Surya steel industries, Vill ambey majra, mandi gobindgarh, Amloh, Fatehgarh sahib, 147301

Page2

CTE EXPANSION



PUNJAB POLLUTION CONTROL BOARD

Invest Punjab, PBIP, Udyog Bhawan, Sector 17, Chandigarh

Website:- www.ppcb.gov.in

Office Dispatch No : Registered/Speed Post Date:
 Industry Registration ID: R13FGS227840 Application No : 18569070

To,

Vinod Kumar
 Surya Steel Industries, Vill Ambey Majra, Mandi Gobindgarh
 Mandigobindgarh, Fatehgarh Sahib-147301

Subject: Grant of "Consent to Establish"(NOC) for Expansion of an existing industrial unit u/s 25 of Water (Prevention & Control of Pollution) Act, 1974 and u/s 21 of Air (Prevention & Control of Pollution) Act, 1981.

With reference to your application for obtaining 'Consent to Establish'(NOC) for Expansion of an existing industrial plant u/s 25 of Water (Prevention & Control of Pollution) Act, 1974 and u/s 21 of Air (Prevention & Control of Pollution) Act, 1981, you are, hereby, permitted to expand the existing industrial unit to discharge the effluent(s) & emission(s) arising out of your premises subject to the Terms and Conditions as specified in this Certificate.

1. Particulars of Consent to Establish (NOC) for Expansion granted to the Industry

Certificate No.	CTE/Exp/FGS/2022/18569070
Date of issue :	21/06/2022
Date of expiry :	20/06/2023
Certificate Type :	Expansion
Previous CTE/CTO No. & Validity :	CTOW/Varied/FGS/2020/13594857 From: 25/09/2020 To: 30/09/2022

2. Particulars of the Industry

Name & Designation of the Applicant	Vinod Kumar, (Partner)
Address of Industrial premises	Surya Steel Industries, Vill Ambey Majra, Mandi Gobindgarh, Amlah, Fatehgarh Sahib-147301
Existing Capital investment of the industry	1378.04 lakhs
Capital investment for Expansion Project	3033.40 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
Consent Fee Details	Rs. 42500/- vide e-R no. 582731580 dated 02/05/2022

"This is computer generated document from OCMMS by PPCB"

Surya Steel Industries, Vill Ambey Majra, Mandi Gobindgarh, Amlah, Fatehgarh Sahib, 147301

Page 1

Raw Materials (Name with quantity per day)	<i>EXISTING MELTING SCRAP @90Metric Tonnes/Day PROPOSED MS Scrap, CI, Sponge Iron, Ferro Alloys @292Metric Tonnes/Day TOTAL @382Metric Tonnes/Day</i>
Products (Name with quantity per day)	<i>EXISTING STEEL INGOT, Rolling Mill-Round, Square, Bars, Flats, Angle and other rolled Products @84Metric Tonnes/Day PROPOSED Steel Billets/ Ingots Round, Square, Bars and flats @266Metric Tonnes/Day</i>
By-Products, if any,(Name with quantity per day)	<i>As per the application form.</i>
Details of the machinery and processes	<i>As per the application form.</i>
Details of the Effluent Treatment Plant	<i>Domestic Effluent @3.5 KLD - onto land for plantation after passing through Septic Tank.</i>
Mode of Disposal of Effluent	<i>Domestic Effluent @3.5 KLD - onto land for plantation after passing through Septic Tank.</i>
Standards to be achieved under Water (Prevention & Control of Pollution) Act, 1974	<i>As prescribed by the CPCB/Board/ MoEF&CC.</i>
Sources of emissions and type of pollutants	<i>Induction furnace of capacity 10 TPH - SPM Induction furnace of capacity 15 TPH - SPM DG set of capacity 80 KVA - SPM, SOx, NOx</i>
Mode of disposal of emissions with stack height	<i>Induction furnace of capacity 10 TPH - Stack of height 25m AGL. Induction furnace of capacity 15 TPH - Stack of height 25m AGL. DG set of capacity 80 KVA - Stack of height 3m AGL.</i>
Quantity of fuel required in TPD	<i>Induction furnace of capacity 10 TPH - Electrically operated Induction furnace of capacity 15 TPH - Electrically operated DG set of capacity 80 KVA - HSD as fuel</i>
Type of Air Pollution Control Devices to be installed	<i>Induction furnace of capacity 10 TPH - Bag Filter House as APCD. Induction furnace of capacity 15 TPH - Bag Filter House as APCD.</i>
Standars to be achieved under Air (Prevention & Control of Pollution) Act, 1981	<i>As prescribed by the CPCB/Board/ MoEF&CC.</i>



21/06/2022

"This is computer generated document from OCMMS by PPCB"

Surya Steel Industries, Vill Ambey Majra, Mandi Gobindgarh, Amloh, Fatehgarh Sahib, 147301

Page2

(Guneet Sethi)
Environmental Engineer
 For & on behalf
 of
(Punjab Pollution Control Board)

Endst. No.: [REDACTED]

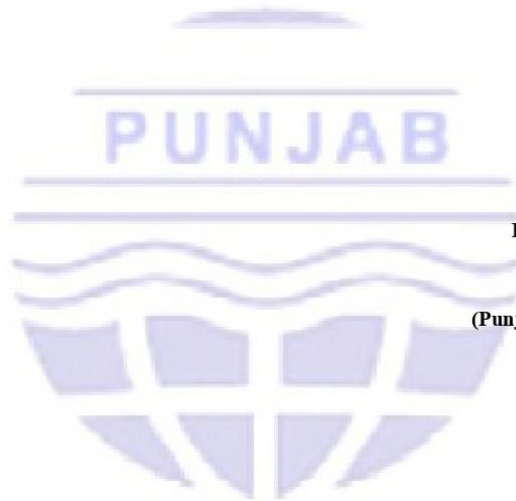
[REDACTED]

[REDACTED]

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



21/06/2022

(Guneet Sethi)
Environmental Engineer
 For & on behalf
 of
(Punjab Pollution Control Board)

"This is computer generated document from OCMMS by PPCB"

Surya Steel Industries, Vill Ambey Majra, Mandi Gobindgarh, Amloh, Fatehgarh Sahib, 147301

Page 3

PWRDA GROUND WATER PERMISSION

Name of Unit		M/s Surya Steel Industries	
Activity of Unit:		Industrial	
Address of Unit:		M/s Surya Steel Industries, Village Ambey Majra, Mandi Gobindgarh, Amloh, District Fatehgarh Sahib	PIN Code: 147301
Assessment Unit (Block):	Sirhind	Category: Orange	
District:		Fatehgarh Sahib	
Correspondence Address:		M/s Surya Steel Industries, Village Ambey Majra, Mandi Gobindgarh, Amloh, District Fatehgarh Sahib	PIN Code: 147301
Unit ID		0250100201	
Permission Number		PWRDA/07/2021/L2/150	Dated: 14.07.2021
Project Status:		Existing Unit	
Permission Type:		ad-interim 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 ad interim permission, whichever is earlier.	
Ground Water Extraction Permitted: 92 m ³ /day			
Fresh Water		Saline Water	
m ³ /day	m ³ /month*	m ³ /day	m ³ /month*
92	2,760	-	-

*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.)
92	4,000/- (20% Covid-19 rebate applied)

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

Category of Area	Extraction Permitted: (m ³ /day)	92	Amount Deposited (Rs.)
Orange	Charges for two months		
	<10 m ³ /day	10-100 m ³ /day	>100 m ³ /day
	4,800	88,560	Nil
			74,688/- (20% Covid-19 rebate applied)

C. Tube-well Registration Fee paid:


No. of existing tube-wells	No. of Proposed tube-wells	No. of total tube-wells	Registration Fee applicable per tube-well	Total Registration Fee Paid (Rs.)
02	Nil	02	2,000/-	3,200/- (20% Covid-19 rebate applied)

D. Total Amount Paid (Rs.):

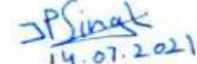
Application Fee	Advance Deposit	Tube-well Registration Fee	Total (Rs.)
4,000/-	74,688/-	3,200/-	81,888/-

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: 14th July, 2021
Place: CHANDIGARH



PUNJAB WATER REGULATION AND DEVELOPMENT AUTHORITY

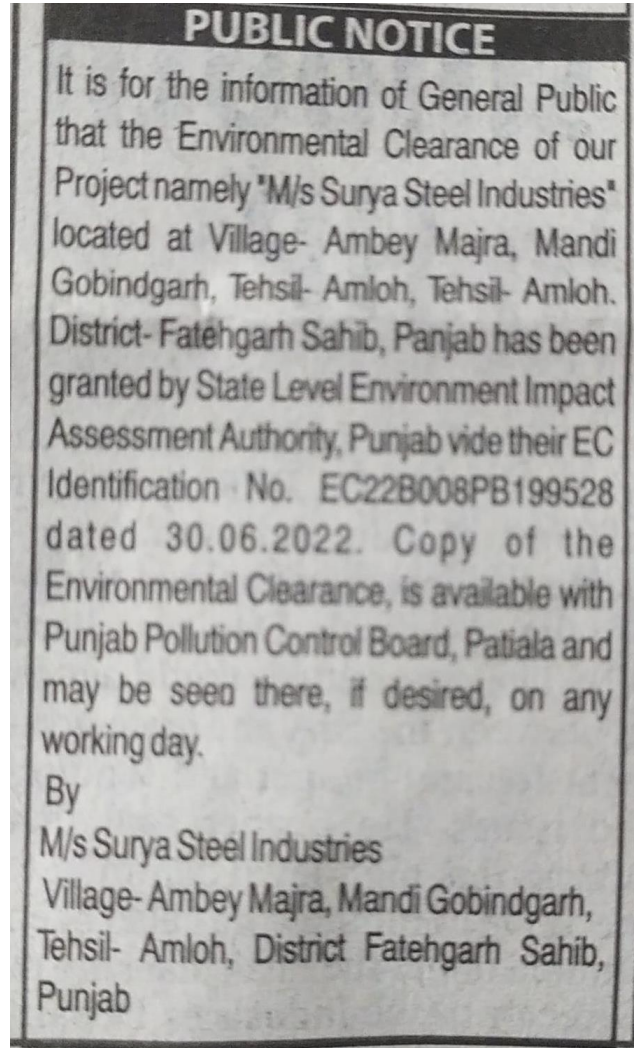

 14.07.2021
 Signature
 Jobanpreet Singh, A.O.L.-2

GREEN BELT PHOTOGRAPHS

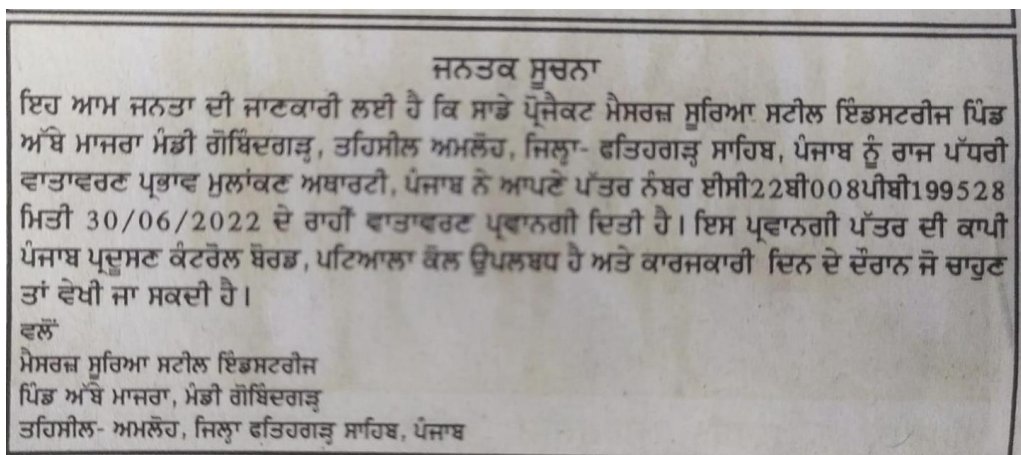




COPY OF ADVERTAINMENT OF EC GRANTED



ENGLISH VERSION



PUNJABI VERSION

ANALYSIS REPORTS AMBIENT AIR



**CHANDIGARH POLLUTION
TESTING LABORATORY**

(Environmental Monitoring, EIA, NOC, ETP, STP)

NABET Accredited EIA Consultant



H.O. : #372, Sector 15-A, Chandigarh-160 015
Phone : 0172-4669295
Lab : E-126, Phase-VII, Indl. Area, Mohali - 160055
Phone : 0172-5090312
E-mail : cptle126@gmail.com ; lab@cptl.co.in
Website : www.cptl.co.in



TEST CERTIFICATE

REPORT No. CPTL/E.C/2024/03/69(A)

Format No. CPTLF7.8-I(A)

REPORTING DATE: 29-03-2024

NAME OF INDUSTRY: M/s. SURYA STEEL INDUSTRIES,
VILL.- AMBEY MAJRA, MANDI GOBINDGARH,
TEH.-AMLOH, DISTT.- FATEHGARH SAHIB.

SAMPLE PARTICULARS

Sampling Plan Ref No.:	CPTLF 7.3-1	Type of Sample:	Ambient Air
Sampling Method:	CPTL/SM/01	Point of Sample:	Project Site
Date of Sample Collection:	26-03-2024	Environmental Conditions:	Normal
Date of Sample Received in Lab.:	26-03-2024	Analysis Duration:	26-03-2024 to 29-03-2024
Sample Identification No.:	CPTL/EC/2024/03/69(A)	Sample Collected By:	Amrit Singh & Team
Nature of Sample:	Air Sample		

TECHNICAL DATA

1.	Location of Sampling station	Project Site	
2.	Instrument used for Sampling	RDS, FPS & Gaseous Attachment	
3.	Time period for Sampling	240 minutes	
PARAMETERS	RESULTS	AS PER NAAQS- 2009 PRESCRIBED BY CPCB	TEST METHOD
Particulate Matter (PM ₁₀), µg/m ³	84.7	100	IS:5182 (P-23): 2006, (RA – 2012)
Particulate Matter (PM _{2.5}), µg/m ³	38.0	60	IS:5182 (P-24):2019
Nitrogen Dioxide (NO ₂), µg/m ³	16.6	80	IS:5182 (P-6): 2006, (RA – 2012)
Sulphur dioxide (SO ₂), µg/m ³	6.8	80	IS:5182 (P-2): 2001, (RA-2012)
Carbon monoxide (CO), mg/m ³	0.61	4	IS:5182 (P-10): 1999, (RA – 2009)

[Signature]
Chandigarh In-Charge
Date: 29/3/2024

[Signature]
Sital Singh (CEO)
(Authorized Signatory)
Date: 29/03/2024

- The results are related to test items only.
- This certificate is not to be reproduced wholly or in part and cannot be used as evidence in the court of law without approval of laboratory.
- Sample will be destroyed after retention time unless otherwise specified.

END OF REPORT

Page 1 of 1

NOISE MONITORING



CHANDIGARH POLLUTION TESTING LABORATORY
 (Environmental Monitoring, EIA, NOC, ETP, STP)
 NABET Accredited EIA Consultant



H.O. : #372, Sector 15-A, Chandigarh-160 015
 Phone : 0172-4669295
 Lab : E-126, Phase-VII, Indl. Area, Mohali - 160055
 Phone : 0172-5090312
 E-mail : cptle126@gmail.com ; lab@cptl.co.in
 Website : www.cptl.co.in



TEST CERTIFICATE

REPORT No. CPTL/EC/2024/03/69(N)

Format No. CPTLF7.8-I(N)

REPORTING DATE: 29-03-2024

NAME OF INDUSTRY: M/s. SURYA STEEL INDUSTRIES,
 VILL.- AMBEY MAJRA, MANDI GOBINDGARH,
 TEH.-AMLOH, DISTT.- FATEHGARH SAHIB.

SAMPLE PARTICULARS

Sampling Plan Ref No.:	CPTLF 7.3-I	Type of Sample:	Air Quality w.r.t Noise
Sampling Method:	CPTL/SM/01	Sampling location:	Different location
Date of Monitoring:	26-03-2024	Environmental Conditions:	Normal
Sample Identification No.:	CPTL/EC/2024/03/69(N)	Monitoring Done By:	Amrit Singh & Team
Nature of Sample:	Noise Level Monitoring		

NOISE LEVEL

S. No.	Sub-Location	Value in dB(A) (Average) Day Time	Test Method
1.	Project Site	69.4	IS:9989:1981(Rev.2002)

S.P.S.
 Chemist in Charge
 Date: 29/3/2024

Sital Singh
 Sital Singh (CEO)
 (Authorized Signatory)
 Date: 29/03/2024

- The results are related to test items only.
- This certificate is not to be reproduced wholly or in part and cannot be used as evidence in the court of law without approval of laboratory. Sample will be destroyed after retention time unless otherwise specified.

END OF REPORT

Page 1 of 1

GROUND WATER



**CHANDIGARH POLLUTION
TESTING LABORATORY**
(Environmental Monitoring, EIA, NOC, ETP, STP)
NABET Accredited EIA Consultant



H.O. : #372, Sector 15-A, Chandigarh-160 015
Phone : 0172-4669295
Lab : E-126, Phase-VII, Indl. Area, Mohali - 160055
Phone : 0172-5090312
E-mail : cptle126@gmail.com ; lab@cptl.co.in
Website : www.cptl.co.in



TEST CERTIFICATE

REPORT No. CPTL/EC/2024/03/69(W)

Format No. CPTLF7.8-1(W)

REPORTING DATE: 29-03-2024

NAME OF INDUSTRY:	M/s. SURYA STEEL INDUSTRIES, VILL.- AMBEY MAJRA, MANDI GOBINDGARH, TEH.-AMLOH, DISTL.- FATEHGARH SAHIB.
--------------------------	--

SAMPLE PARTICULARS

Date of Sample Collection	26-03-2024
Sample Received in Lab	26-03-2024
Type of Sample	Ground Water (Grab)
Sampling Plan Ref. No.	CPTLF7.3-I
Sampling Method	CPTL/SM/01
Environmental conditions	Normal
Point of Sample Collection	From Borewell
Quantity & Packaging	2.0 liters in Plastic bottle
Sample Identification No.	CPTL/EC/2024/03/69(W)
Analysis Duration	26-03-2024 to 29-03-2024
Sample Collected By	AmritSingh & Team
Visual Observation	Clear and colorless.

TEST RESULTS

S. No.	Parameters	Results	Acceptable Limit	Permissible Limit	Test Method
1.	pH	7.63	6.5-8.5	No relaxation	IS: 3025 (P-11): 2022
2.	Color, HU	<5	5	15	IS: 3025 (P-4): 2021
3.	Turbidity, NTU	<1	1	5	IS: 3025 (P-10): 1984 (RA-2017)
4.	Total Dissolved Solids, mg/l	350	500	2000	IS: 3025 (P-16): 1999 (RA-2019)
5.	Total Hardness (as CaCO ₃), mg/l	260	200	600	IS: 3025 (P-21): 2009 (RA-2019)
6.	Calcium (as Ca ⁺⁺), mg/l	40.0	75	200	IS: 3025 (P-40): 2004
7.	Magnesium (as Mg ⁺⁺), mg/l	18.0	30	100	IS: 3025 (P-46): 1994 (RA-2019)
8.	Total Alkalinity (as CaCO ₃), mg/l	250	200	600	IS: 3025 (P-23): 2006
9.	Chloride (as Cl), mg/l	14.4	250	1000	IS: 3025 (P-32): 1998 (RA-2019)
10.	Sulphate (as SO ₄), mg/l	14.9	200	400	IS: 3025 (P-24): 2022
11.	Iron (as Fe), mg/l	0.10	0.3	No relaxation	IS: 3025 (P-53): 2003 & C/1, 10 Phenanthroline Method (RA-2019)
12.	Zinc (as Zn), mg/l	ND (DL-0.5)	5	15	IS: 3025 (P-49): 1994 (RA-2019)
13.	Nitrate (as NO ₃), mg/l	ND (DL-1.0)	45	No relaxation	IS: 3025 (P-34): 2022
14.	Total Chromium (as Cr), mg/l	ND (DL-0.04)	0.05	No relaxation	IS: 3025 (P-52): 2003 (RA-2019)
15.	Manganese (as Mn), mg/l	ND (DL-0.09)	0.1	0.3	IS: 3025 (P-59): 2006



CHANDIGARH POLLUTION TESTING LABORATORY
(Environmental Monitoring, EIA, NOC, ETP, STP)
NABET Accredited EIA Consultant



H.O. : #372, Sector 15-A, Chandigarh-160 015
Phone : 0172-4669295
Lab : E-126, Phase-VII, Indl. Area, Mohali - 160055
Phone : 0172-5090312
E-mail : cptle126@gmail.com ; lab@cptl.co.in
Website : www.cptl.co.in

Sample Received in Lab	26-03-2024
Type of Sample	Ground Water (Grab)
Sample Identification No.	CPTL/EC/2024/03/69(W)

S. No.	Parameters	Results	Acceptable Limit	Permissible Limit	Test Method
16.	Lead (as Pb), mg/l	ND (DL-0.01)	0.01	No relaxation	IS: 3025 (P-47): 1994 (RA-2019)
17.	Arsenic (as As), mg/l	ND (DL-0.01)	0.01	0.05	IS: 3025 (P-37): 2022
18.	Copper (as Cu), mg/l	ND (DL-0.04)	0.05	1.5	IS: 3025 (P-42): 1992 (RA-2019)
19.	Boron (as B), mg/l	ND (DL-0.1)	0.5	1.0	IS: 3025 (P-57): 2021
20.	Cadmium (as Cd), mg/l	ND (DL-0.001)	0.003	No relaxation	IS: 3025 (P-41):1992 (RA-2019)
21.	Fluoride (as F), mg/l	ND (DL-0.1)	1.0	1.5	IS: 3025 (P-60): 2008
22.	Free Residual Chlorine (as Cl ₂), mg/l	ND (DL-0.1)	0.2	1	IS: 3025 (P-26): 2021
23.	Selenium (as Se), mg/l	ND (DL-0.01)	0.01	No relaxation	IS: 3025 (P-56): 2003 (RA-2019)

ND-Not Detected
DL-Detection Limit

(Chemist in Charge)
Date: 29/03/2024

Sital Singh (CEO)
(Authorized Signatory)
Date: 29/03/2024

- The results are related to test items only.
- This certificate is not to be reproduced wholly or in part and cannot be used as evidence in the court of law without approval of laboratory.
- Sample will be destroyed after retention time unless otherwise specified.

REJUVENATION OF VILLAGE POND-AMBEY MAJRA



PHOTOGRAPHS OF OCEMS & AQMS

