

Date:21-05-2021

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 Vimal Alloys (P) Limited  
Village-Saunti, Amloh Road, Mandi Gobindgarh, District-Fatehgarh Sahib, Punjab.  
For the period June, 2021.**

Dear Sir,

This is in reference to the requirement stated in Environmental Clearance granted by Ministry of Environment & Forests, Government of India Chandigarh vide their letter No. **SEIAA/M.S./2020/3239 dated 05/11/2020**. Copy of the same was sent by them to your office as well.

As per Miscellaneous condition no.(v) of the Environment Clearance for our aforesaid project, we are herewith submitting the half yearly report for the period ending March, 2021.  
Thanking you & Regards

**CONTACT DETAILS:**

Name:-Sh. Varun Bansal, Director  
Mobile No- 9915900079/9216283379  
Email: info@vimalalloys.com  
varun@vimalalloys.com

**Yours Sincerely,**  
**M/s Vimal Alloys (P) Ltd.,**  
**For VIMALALLOYS (P) LTD.**

  
**Director**  
**Authorized Signatory**

1. **CC: Member Secretary, SEIAA Punjab, Directorate of Environment and Climate change,**  
C/o Punjab State Council for Science & Technology, MGSIPA Complex, Sector-26  
Chandiagr-160019
2. **The Environmental Engineer, Punjab Pollution Control Board, Regional Office,**  
Fatehgarh Sahib, Punjab.

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**Environment, Forest and Climate Change  
Northern Region Office  
Chandiagr-160030**

## DATA SHEET

[illegible]

7	Breakup of project Area a) Submerged area forest & non forest. b) Others	<b>NIL</b> <b>33450 sqm.</b>
8	Breakup of project affected population with enumeration of those losing houses/dwelling units only, agriculture land only both dwelling units and agriculture land and landless laborers/artisans a) SC/ST/Adivasis b) others	<b>NA</b> <b>--</b>
9	Financial details a) Project cost as originally planned and subsequent revised estimates and the year of price rat reference. b) Allocation made for environmental management plans with item wise and year wise breakup. c) Benefit cost ratio/internal rate of return and year of assessment. d) Whether (c) includes the cost of environmental management as shown in b) above. e) Actual expenditure incurred on the project so far. f) Actual expenditure incurred on the EMP so far	<b>24.25 Crore</b> <b>133 Lacs</b> <b>----</b> <b>Yes</b> <b>14.00 Crore</b> <b>--</b>
10	Forest land requirement: a) The status of approval for diversion of forest land for non –forestry use. b) Status of clear felling c) The status of compensatory a forestation, if any. d) Comments on the viability & sustainability of compensatory a forestation programs in the light of actual field experience so far.	<b>NA</b> <b>NA</b> <b>NIL</b> <b>NIL</b>
11	The status of clear felling in non-forest areas.	<b>NIL</b>
12	Status of construction: a) Date of commencement b) Date of completion.	<b>Not started yet</b> <b>July 2021</b> <b>June 2022</b>
13	Reason for delay if any the projects yet to start.	Construction Phase has not started yet because of COVID19 pandemic. Undertaking for the same attached herewith as Annexure-II.



### PRESENT STATUS OF THE MAJOR PRODUCTIVE MACHINERY/PLANT

S. No.	Description	Existing Capacity	Proposed Expansion	Total Capacity after Expansion	Present Status
1.	Induction Furnace	1 TPH, 4 TPH, & 7 TPH	4 TPH, & 7 TPH will be replaced with 2X15 TPH	1 TPH & 2X15 TPH	Proposed furnaces are yet to be installed.  Currently Plant is operational with existing furnaces.
2.	VD	01 No.	--	01 No.	In operation
3.	LRF	01 No.	--	01 No.	In operation
4.	AOD	01 No.	--	01 No.	In operation
5.	Holding Furnace 15T	01 No.	--	01 No.	In operation
6.	Heat treatment Furnace	04 No.	--	04 No.	In operation
7.	D.G. Set	--	250KVA-01 No.	250KVA 01 No.	Yet to be installed
8.	OTE	01 No.	02 No.	03 No.	Yet to be installed

**Point wise compliance status of the stipulated environmental conditions**

Sr. No.	Compliance Description	Remarks
<b>I.</b>	<b>Statutory Compliance:</b>	
i.	The project proponent shall obtain forest clearance under the provisions of Forest (Conservation) Act, 1986, in case of the diversion of forest land for non- forest purpose involved in the project.	Not Applicable As no forest land is involved & 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/ Operate under the provisions of Air (prevention & Control of Pollution) Act, 1981 and the Water (Preventions & Control of Pollution) Act, 1974 from the concerned Punjab Pollution Control Board.	CTE shall be obtained for the expansion of the project.  For the existing unit, CTO renewal is in process. Copy of the application attached herewith as Annexure-II & III.  Detail of Previous Consent: CTO under the Air Act -1981 & the Water Act 1974 having validity up-to 31-03-2021 has already been obtained.
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. The	Application for ground water abstraction has been made to CGWA.

	project proponent shall obtain authorization under the Hazardous and other waste Management Rules, 2016 as amended from time to time.	
vi.	The project proponent shall comply with the siting criteria, standard operating practices, code of practice and guidelines if any prescribed by the SPCB/CPCB/MoEF&CC for such type of units.	Not Applicable. As the expansion will be undertaken in the existing premises satisfying all statutory clearances.
vii.	The project proponent shall comply with the CLU conditions imposed by competent authority, if any.	Agreed for Compliance.
<b>II Air Quality Monitoring and Preservation</b>		
i.	The project proponent shall install 24*7 continuous emission monitoring system at process stacks to monitor stack emission with respect to standards prescribed in Environment (Protection) Rules 1986 vide G.S.R. 277 (E) dated 31 <sup>st</sup> March 2012 (applicable to IF/EAF) as amended from time to time; S.O. 3305 (E) dated 7 <sup>th</sup> December 2015 (Thermal Power Plants) as amended from time to time) and connected to SPCB and CPCB online serves and calibrate these system from time to time according to equipment supplier specification through labs recognized under Environment (Protection) Act, 1986 or NABL accredited laboratories.	Noted and shall be complied.
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 and shall be complied during the operation phase.
iii.	The project proponent shall install a Manual system to carryout Manual Ambient Air Quality monitoring parameters relevant to the main pollutants released (e.g. PM <sub>10</sub> and PM <sub>2.5</sub> in reference to PM emission and SO <sub>2</sub> and NO <sub>x</sub> in reference to SO <sub>2</sub> and NO <sub>x</sub> emissions) within and outside the plant area (at least four locations one within and three outside the plant area at an angle of 120° each), covering upwind and downwind directions.	Complied. Being small industrial unit, manual monitoring of air quality is done by an arrangement with NABL approved lab. Test report of air quality monitoring attached as Annexure –VI.
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.	Noted & Agreed for compliance. Air pollution control system have been provided for the

		existing capacity of machinery and will be enhanced as per the expansion of plant.
vi.	The project proponent shall provide leakage detection and mechanized bag cleaning facilities for better maintenance of bags.	Noted & Agreed.
vii.	Sufficient number of mobile or stationary vacuum cleaners shall be provided to clean plant roads, shop floors, roofs, etc regularly.	Being an existing unit adequate number of vacuum cleaners has been provided to clean plant roads, shop floors, roofs and internal roads.
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.	Noted & Agreed.
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 is 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 have been provided for storage of raw material.
xi.	The project proponent shall provide primary and secondary fume extraction system at all melting furnaces.	Noted & Agreed for compliance. Existing fume extraction system shall be enhanced as per the expansion of the unit.
xii.	Design the Implementation of the ventilation system for adequate air changes as per ACGIH document for all tunnels, motor houses and oil cellars should be ensured.	Proper ventilation system has been provided.
<b>III. Water quality monitoring and preservation</b>		
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.	Analysis report of ground water monitoring is enclosed herewith as Annexure-VIII.
ii.	The Project proponent shall adhere to 'Zero Liquid Discharge'.	Agreed for compliance
iii.	Sewage Treatment Plant of capacity 25 KLD shall be provided for treatment of domestic wastewater to meet the prescribed standards.	STP of required capacity shall be installed after expansion to treat domestic waste water and detail of the

		same will be provided.
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.	Agreed for compliance.
v.	The project proponent shall practice rainwater harvesting to the maximum possible extent. For this, a pond having volume @31650 m <sup>3</sup> located at village Sounti, Amloh road Mandi Gobindgarh respectively shall be adopted for desilting to recharge water @ 47475m <sup>3</sup> /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 in 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 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.	Agreed for compliance.
vi.	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 and shall be complied with.
<b>IV. Noise Monitoring and Prevention</b>		
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.	Complied. Noise survey has been carried out during base line study; however, regular noise level monitoring is being carried out on the regular basis.
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 is enclosed herewith as Annexure-VIII.
<b>V. Energy Conservation Measures</b>		
i.	The project proponent shall practice hot charging of slabs and billets/blooms as far as possible.	Not Applicable Waste heat recovery in IF process is not economical & hence not practiced.
ii.	The project proponent shall provide solar power generation on rooftops of buildings, solar light system for	Noted & Agreed.

	all common areas, street lights, parking around project area and maintain the same regularly.	
iii.	The project proponent shall provide the for LED lights in their offices and residential areas.	Being an existing unit LED lights has been provided in the office area.
<b>VI.</b>	<b>Waste Management</b>	
i.	Used refractories shall be recycled as far as possible.	Agreed for compliance
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.	We have made an agreement with the recycler for the collection of used oil. Most of the used oil is being used within the industry as lubricant.
iv.	Kitchen waste shall be composed or converted to biogas for further use.	Noted & Agreed.
<b>VII.</b>	<b>Green Belt</b>	
i.	Green belt shall be developed in an area of 12500 Sqm (33%) of the plant area with the tree species in accordance with SEIAA guidelines. Total 1874 trees to be planted without accounting the shrubs and protect the same with tree guard made of concrete. The greenbelt shall inter alia cover the entire periphery of the plant to the maximum extent. The industry shall ensure the most of the periphery shall be provided with green belt by removing the unwanted/non-productive structures already provided in the existing project near the boundary wall.	Photographs of plantation has been attached as Annexure-VI. Addition to existing plantation more tree species will be planted as per the SEIAA guidelines.
<b>VIII</b>	<b>Public Hearing and Human Health Issues</b>	
i.	Emergency preparedness plan based on the Hazard identification and Risk Assessment (HIRA) and Disaster Management Plan shall be implemented.	Agreed.
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.	Noted & Agreed.
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.	Being an existing industry all the necessary facilities of personnel toilets, change room, first aid, and drinking water are available. During expansion only locals requiring no housing facilities will be employed.

iv.	Occupational health surveillance of the workers shall be done on a regular basis and records maintained as per the Factories Act.	Occupational health surveillance program of workers is already in place and the workers are medically examined during pre-placement and during the course of their employment for vital health parameters.																																			
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.	During public hearing there was no additional activities added apart from the CER activities.																																			
<b>IX. Corporate Environment Responsibility</b>																																					
i.	The project proponent shall comply with the provisions contained in this Ministry's OM vide F.No. 22-65/2017-IA.III dated 1 <sup>st</sup> May 2018, as applicable, regarding Corporate Environment Responsibility. The project proponent shall adhere to the commitments made in the proposal for CER activities and spend at-least minimum amount of Rs. 10.5 Lacs towards the following CER activities:																																				
<table><tr><th rowspan="2">S. No.</th><th rowspan="2">Activity</th><th rowspan="2">Environ mental Aspects</th><th rowspan="2">Cost (Rs. Lac)</th><th colspan="2">Timeline</th><th rowspan="2">Compliance</th></tr><tr><th>Start</th><th>End</th></tr><tr><td>1.</td><td>Repair &amp; maintenance of boundary wall and construction of one toilet for boys and girls each.</td><td>Infrastructure</td><td>5.0</td><td>February 2021</td><td>April 2021</td><td rowspan="3">Agreed and shall be complied proportionally to the expansion of the unit.</td></tr><tr><td>2.</td><td>Development of Greenbelt by plantation inside the school premises. Repairing of Furniture &amp; maintenance of toilets of school</td><td>Infrastructure &amp; pollution Control</td><td>2.0</td><td>June 2021</td><td>August 2021</td></tr><tr><td>3.</td><td>Distribution of School Uniform &amp; Books to BPL students</td><td>Education</td><td>2.0</td><td>March 2022</td><td>---</td></tr><tr><td colspan="3"><b>Total</b></td><td><b>10.5</b></td><td colspan="2"></td><td></td></tr></table>			S. No.	Activity	Environ mental Aspects	Cost (Rs. Lac)	Timeline		Compliance	Start	End	1.	Repair & maintenance of boundary wall and construction of one toilet for boys and girls each.	Infrastructure	5.0	February 2021	April 2021	Agreed and shall be complied proportionally to the expansion of the unit.	2.	Development of Greenbelt by plantation inside the school premises. Repairing of Furniture & maintenance of toilets of school	Infrastructure & pollution Control	2.0	June 2021	August 2021	3.	Distribution of School Uniform & Books to BPL students	Education	2.0	March 2022	---	<b>Total</b>			<b>10.5</b>			
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The amount to be spent on CER activities shall be appropriate to the amount spent on project & such activities shall run parallel to the project execution. All the activities must be completed with the completion of the project.																																					
ii.	The company shall have a well laid down environmental policy duly approve by the Board of Directors. The environmental policy should prescribe for standard operating procedures to have proper checks and balances	The company has/will laid down environmental policy. Separate SOP for its implementation has not been																																			

	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 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 reports.	prescribed as the same is available in Quality Manual. The EMC works after the implementation of EMP & comply with the statutory requirement. Being a small-scale industry there is no separate Board of Directors.																																										
iii.	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.	Noted and shall be complied with.																																										
iv.	Action plan for implementing EMP and Environmental conditions along with responsibility matrix of the company shall be prepared and shall be duly approved by competent authority. The year wise funds earmarked for environmental protection measures shall be kept in separate account and not to be diverted for any other purpose. The project proponent shall spend minimum amount of Rs. 133 Lacs towards capital cost and Rs. 15.3 lacs/annum towards recurring cost for the implementation of EMP as proposed in following EMP plan.																																											
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	10.	Miscellaneous	5.0	0.5	
		Total	133.0	15.3	
	Year-wise progress of implementation of action plan shall be reported to the Ministry/Regional Office along with the Six-Monthly Compliance Report.				
v.	Self- environmental audit shall be conducted annually. Every three years third party environmental audit shall be carried out.			Noted & Agreed for compliance.	
vi.	All the recommendations made in the Charter on Corporate Responsibility for Environment protection (CREP) for the plants shall be implemented.			Noted and agreed for compliance.	
<b>X.</b>	<b>Validity</b>				
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.	
<b>XI.</b>	<b>Miscellaneous</b>				
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 of the EC granted has been published in local newspaper. Copy of the same enclosed herewith as Annexure-IV	
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.			Noted.	
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.			Complied. Environment Clearance along with the six-monthly compliance report have been uploaded on the company website " <a href="http://vimalalloys.com/">http://vimalalloys.com/</a> " Screenshot of the same enclosed herewith as Annexure-VII.	
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.			Complied: The environmental data for criteria pollutant parameters is being displayed on the board at the main gate.	
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 has been uploaded 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.	Noted & agreed for compliance.
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.	Noted & agreed for compliance.
viii.	The project authorities must strictly adhere to the stipulations made by the State Pollution Control Board and the State Government.	Noted & Agreed.
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 & agreed for compliance.
x.	No further expansion or modifications in the plant shall be carried out without prior approval of the Ministry of Environment, Forests and Climate Change (MoEF&CC).	Noted & agreed.
xi.	Concealing factual data or submission of false/fabricated data may result in revocation of this environmental clearance and attract action under the provisions of Environment (Protection) Act, 1986.	Noted & agreed.
xii.	The SEIAA/ Ministry may revoke or suspend the clearance, if implementation of any of the above conditions is not satisfactory.	Noted.
xiii.	The SEIAA/Ministry reserves the right to stipulate additional conditions if found necessary. The Company in a time bound manner shall implement these conditions.	Noted & agreed.
xiv.	The Regional office of this Ministry and Punjab Pollution Control Board shall monitor compliance of the stipulated conditions. The project authorities should extend full cooperation to the officer (s) of the Regional Office and PPCB by furnishing the requisite data / information/monitoring reports.	Agreed for extending full cooperation
xv.	The above conditions shall be enforced, inter-alia under the provisions of the Water (Prevention & Control of Pollution) Act, 1974, the Air (prevention & Control of pollution) Act, 1981, the Environment (Protection) Act, 1986, Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016 and the public Liability Insurance Act, 1991 along with their amendments and Rues and any other orders passed by the Hon'ble Supreme Court of India / High Courts and any	Noted & Agreed.

	other Court of Law relating to the subject matter.	
xvi.	Any appeal against this EC shall lie with the National Green Tribunal, if preferred, within a period of 30 days as prescribed under Section 16 of the National Green Tribunal Act, 2010.	Noted
<b>XII.</b>	<b>Additional specific conditions decided during meeting of SEAC</b>	
i.	The project proponent shall install Side Suction Hood followed by pulse-jet Bag filter with offline cleaning technology as APCD on the two Induction Furnaces capacity 15TPH each.	Noted and agreed for compliance
ii.	The project proponents shall install 24x7 continuous online SPM monitoring system at the inlet & outlet of APCD top monitor and achieve the suspended particulate matter (SPM) emission standards as prescribed by CPCB/SPCB.	Agreed and shall be complied.
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 emission to Regional Office of MoEF&CC, Zonal office of CPCB and Regional Office of SPCB along with six-monthly monitoring report.	Noted and agreed for compliance:
iv.	The project proponent shall obtain the permission from District Advisory Committee (DAC) for the abstraction of ground water from its existing borewells to meet with the requirement of domestic and green areas.	Noted and agreed for compliance:
v.	As proposed, the project proponent will meet the water requirement for industrial purpose @ 80 KLD from the treated waste water from STP of MC, Mandi Gobindgarh.	Noted & Agreed.
vi.	The project proponent shall construct water storage tank of capacity 15 KLD for collection of rainwater runoff generated from the rooftop within its premises and utilize the same for non-core activities of the industry.	Noted & Agreed.
vii.	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.	Noted & Agreed.
viii.	The project proponent shall reuse of cooling tower blow down, simultaneously ensuring the standards prescribed for such purge waters. If required, necessary arrangement shall be made to keep this waste stream within the parameters required for reuse.	Noted & Agreed.
ix.	The project proponent shall reserve land for loading 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	Adequate space has been provided for loading/unloading of raw-material and finished products.

	which storage of the above material is required in the premises. The areas for the respective activities to be marked on the layout plan.	Beside this dedicated parking has been provided.
x.	The project proponent shall comply with the standard operating procedure 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.	Noted and agreed for compliance.
xi.	Whole of the vehicle movement areas 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.	Pucca road has been provided for the vehicle movement.
xii.	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.	Noted & Agreed.
xiii.	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.	Noted & Agreed.
xiv.	The project proponent shall use natural gas (if available) as substitute fuel wherever possible in the existing industry/for the expansion project.	Natural Gas will be considered as fuel once it is available.
xv.	<p>The project proponent shall take necessary action w.r.t. the following: -</p> <p>a) Recovery of iron from slag disposing of it.</p> <p>b) Identify the areas for utilization of slag in a scientific manner and its usage in cement/construction industry/road laying etc.</p>	<p>Agreed.</p> <p>About 22.4 TPD of slag will be generated and after recovery of iron will be supplied to manufacturers of cement concrete blocks, pavers &amp; tiles under proper agreement.</p>

## Environment Clearance Letter

Item No.172.05

	<b>STATE LEVEL ENVIRONMENT IMPACT ASSESSMENT AUTHORITY PUNJAB</b> Ministry of Environment, Forest & Climate Change, Government of India O/o Directorate of Environment & Climate Change MGSIPA Complex, Sector 26, Chandigarh-160019 seiaapb2017@gmail.com

No. SEIAA/M.S./2020/3239 Registered/E-mail Date 05/11/2020

To

Sh. Varun Bansal, Director  
 M/s Vimal Alloys (P) Limited  
 Saunti, Amloh Road, Mandi Gobindgarh, Distt- Fatehgarh Sahib,  
 Punjab-147203  
 Phone No. 4669467

**Subject: Environment Clearance under EIA notification Dated 14.09.2006 for expansion of existing steel manufacturing unit M/s Vimal Alloys Pvt. Ltd. having existing capacity of 43,050 TPA of steel Ingots / Castings to 1,17,600 TPA at Village- Sounti, Amloh Road, Mandi Gobindgarh, Dist. Fatehgarh Sahib (Proposal No. SIA/ PB IND/37324/ 2018).**

This is in reference to your online Proposal No. SIA/ PB IND/37324/ 2018 for obtaining Environmental Clearance under the EIA Notification dated 14.09.2006 for expansion of the steel manufacturing unit by replacement/addition of induction furnaces in Village Sounti, Tehsil- Amloh, Distt- Fatehgarh Sahib, Punjab. As per EIA Notification, 14.09.2006 The project is covered under category 3(a) -Secondary Metallurgical Industries (ferrous & non-ferrous) of the Schedule appended to the said notification. The salient features of the project are as under: -

S.no.	Description	Details									
1.	Name of the project & Correspondence address	M/s Vimal Alloys (P) Ltd. Village- Sounti, Amloh Road, Mandi Gobindgarh, District- Fatehgarh Sahib, Punjab.									
2.	a) Category b) Activity	(a) Category- B1 (b) Metallurgical Industries (Ferrous & Non Ferrous) (8), Schedule 3(a) as per EIA notification-2006.									
3.	Total Project Cost	Rs.24.25 Crore									
4.	Co-ordinates of all the corners of the project site	<table border="1"> <tr> <th>Point</th><th>Latitude</th><th>Longitude</th></tr> <tr> <td>A</td><td>30°37'21.91"N</td><td>76°14'49.45"E</td></tr> <tr> <td>B</td><td>30°37'18.53"N</td><td>76°14'41.52"E</td></tr> </table>	Point	Latitude	Longitude	A	30°37'21.91"N	76°14'49.45"E	B	30°37'18.53"N	76°14'41.52"E
Point	Latitude	Longitude									
A	30°37'21.91"N	76°14'49.45"E									
B	30°37'18.53"N	76°14'41.52"E									

		C	30°37'14.07"N	76°14'44.83"E	
		D	30°37'13.55"N	76°14'48.01"E	
5.	Plot Area Details	Sr. No	Description	Area (Sqm)	
		1.	Total Land Area	33450	
		2.	Covered Area	13233	
		3.	Raw Material	2250	
		4.	Finish Material	4150	
		5.	Other Material	3435	
		6.	Green Area	12500	
		7.	Road Area	3650	
		8.	Open Area	3350	
		9.	Vehicle parking	515	
6.	Raw material details:				
	Raw Material	Existing (TPA)	Additional (TPA)	Total (TPA)	
	M.S Scrap	46750	81,950	1,28,700	
	Ferro Alloys	900	1650	2550	
	Source & Mode of transport	From Domestic & as well as International Markets through covered trucks			
7.	Production Capacity details:				
	Product Name	Existing (TPA)	Additional (TPA)	Total (TPA)	
	Steel Ingots, Steel Casting Metal/Steel Roll, CI/SGI casting	43,050	74,550	1,17,600	
8.	Details of major productive machinery/plant:				
	Sr. No.	Description	Existing	Proposed	After Expansion
	1.	Induction Furnace	1 TPH, 4 TPH & 7 TPH	4 TPH & 7 TPH IFs will be replaced with 2X15 TPH IFs	1 TPH & 2X15 TPH IFs
	2.	VD	01 No.	---	01 No.
	3.	LRF	01 No.	---	01 No.

	4.	AOD	01 No.	---	01 No.
	5.	Holding Furnace 15T	01 No.	---	01 No.
	6.	Heat Treatment Furnace	04 No.	---	04 No.
	7.	D.G. Set	---	250kVA-01 No.	250kVA- 01No.
	8.	O.T.E	01 No.	02 No.	03 No.
9.	Manpower requirement (after expansion)		250		
10.	Breakup of Water Requirements & its source in Operation Phase:				
	Sr. No.	Description	Existing water demand (KLD)	Proposed water demand (KLD)	Total water demand (KLD)
	1.	Domestic water demand	18.0	4.5	22.5
	2.	Makeup water demand for cooling purpose	28.0	6.5	34.5
	Total		46.0	11.0	57.0
	<b>Sources of water:</b>				
	Sr. No.	Purposes	Source of water		
	1.	Domestic	Ground water after permission from DAC		
	2.	Make-up water demand for cooling	Treated waste water from nearby STP of MC		
	3.	Green Belt demand	Treated waste water from nearby STP of MC		
11.	Water balance chart for Summer, Rainy and Winter seasons				
	Sr. No.	Description	Existing water demand (KLD)	Proposed water demand (KLD)	Total water demand (KLD)
	1.	Domestic water demand	18.0	4.5	22.5
	2.	Makeup water demand for cooling purpose	28.0	6.5	34.5
	Total		46.0	11.0	57.0



12	Waste water generation & its disposal Arrangement in Operation Phase:				
	Details	Existing Qty (KLD)	Proposed Quantity (KLD)	Total Quantity after expansion (KLD)	Disposal method
	Domestic effluent	14.4	3.6	18	Treatment through 25 KLD STP and used for plantation
13.	Energy requirements & savings:		The details of the energy are given below:		
	S. No.	Description	Unit	Existing	Proposed
	1.	Power load	KW	6880	8000
	2.	D.G sets-1	KVA	-	250
14.	Hazardous/Non-Hazardous Waste Generation details & their storage, utilization and its disposal.				
	S.No.	Hazardous Waste	Waste Category	Quantity	Disposal
	1.	Gas Cleaning Residue (APCD dust)	35.1	280 TPA	Agreement with M/s Madhav Alloys & also member of TSDF.
	2.	Used Oil	5.1	0.05kl/annum	Sold to authorized recyclers & also used in oiling of moulds & machineries.
15.	Solid Waste generation and its mode of disposal:				
	Waste	Source	Quantity	Disposal arrangement	
	Furnace Slag	Induction Furnace	22.4 TPD	Will be supplied to cement concrete block and paved tile manufacturers as per agreement.	

The case was lastly considered by the SEAC in its 193<sup>rd</sup> meeting held on 26.09.2020, wherein, the Committee observed that the project proponent has provided adequate and satisfactory clarifications of the observations raised by it. Therefore, the Committee awarded 'Silver Grading' to the project proposal and decided to forward the case to the SEIAA with the recommendation to grant environmental clearance for expansion of existing steel manufacturing unit of steel Ingots / Castings from 43,050 TPA to 1,17,600 TPA located in the revenue estate of Village Sounti, Amloh Road, Mandi Gobindgarh, Dist. Fatehgarh Sahib.



Thereafter, the case was lastly considered by the SEIAA in its 172<sup>nd</sup> meeting held on 12.10.2020 and the SEIAA observed that the case stands recommended by SEAC and the Committee awarded 'Silver Grading' to the project proposal. The Authority looked into all the aspects of the project proposal in detail and was satisfied with the same.

Therefore, the Authority decided to grant environmental clearance under category-B1 with project/ activity Metallurgical Industries (Ferrous & Nonferrous), Schedule 3(a) as per EIA notification-2006 for expansion of existing steel manufacturing unit of steel Ingots / Castings from 43,050 TPA to 1,17,600 TPA by replacing existing 4 TPH & 7 TPH induction furnaces with 2x15 induction furnaces (total 1x1TPH & 2x15 TPH induction furnaces, after expansion) located in the revenue estate of Village Sounti, Amlah Road, Mandi Gobindgarh, Dist. Fatehgarh Sahib, as per the details mentioned in Form 2, EIA report & subsequent presentation /clarifications made by the project proponent & his consultant with proposed measures, conditions as recommended by SEAC as agreed by the project proponent:

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

**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 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 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 competent authority. The project proponent shall obtain authorization under the Hazardous and other Waste Management Rules, 2016 as amended from time to time.
- vi. The project proponent shall comply with the siting criteria, standard operating practices, code of practice and guidelines if any prescribed by the SPCB/CPCB/MoEF&CC for such type of units.
- vii. The project proponent shall comply with the CLU conditions imposed by competent authority, if any.

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

- i. The project proponent shall install 24x7 continuous emission monitoring system at process stacks to monitor stack emission with respect to standards prescribed in Environment (Protection) Rules 1986 vide G.S.R 277 (E) dated 31<sup>st</sup> March 2012 (applicable to IF/EAF) as amended from time to time; S.O. 3305 (E) dated 7th December 2015 (Thermal Power Plants) as amended from time to time) and connected to SPCB and CPCB online servers and calibrate these system from time to time according to equipment supplier specification through labs recognized under Environment (Protection) Act, 1986 or NABL accredited laboratories.
- ii. The project proponent shall monitor fugitive emissions in the plant premises at least once in every quarter through laboratories recognized under Environment (Protection) Act, 1986 or NABL accredited laboratories.
- iii. The project proponent shall install a Manual system to carryout Continuous Ambient Air Quality monitoring for parameters relevant to the main pollutants released (e.g. PM<sub>10</sub> and PM<sub>2.5</sub> in reference to PM emission, and SO<sub>2</sub> and NO<sub>x</sub> in reference to SO<sub>2</sub> and NO<sub>x</sub> emissions) within and outside the plant area (at least at four locations one within and three outside the plant area at an angle of 120° each), covering upwind and downwind directions.
- iv. The project proponent shall submit monthly summary report of continuous stack emission and air quality monitoring and results of manual stack monitoring and manual monitoring of air quality/ fugitive emissions to Regional Office of MoEF&CC, Zonal office of CPCB and Regional Office of SPCB along with six-monthly monitoring report.
- v. Appropriate Air Pollution Control (APC) system shall be provided for all the dust generating points including fugitive dust from all vulnerable sources.
- vi. The project proponent shall provide leakage detection and mechanized bag cleaning facilities for better maintenance of bags.
- vii. Sufficient number of mobile or stationery vacuum cleaners shall be provided to clean plant roads, shop floors, roofs, 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 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. Sewage Treatment Plant of capacity 25 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 maximum possible extent. For this a village ponds having volume @ 31650 m<sup>3</sup> located at Village Sounti, Amloh road, Mandi Gobindgarh respectively shall be adopted for desilting to recharge the water @ 47475 m<sup>3</sup>/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 in different parts, the overflow of each chamber shall be allowed to enter into another chamber which will ultimately lead to purification of water and collected into pond to avoid any contamination of ground water aquifer. Pond water will percolate through natural strata (without injection) to augment the ground water and remaining water shall be used for irrigation purposes by pumping method in the nearby fields.
  - vi. 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 the for 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 12500 sqm (33 %) of the plant area with tree species in accordance with SEIAA guidelines. Total 1874 trees to be planted without accounting the shrubs shrubs and protect the same with tree guard made of concrete. The greenbelt shall inter alia cover the entire periphery of the plant to the maximum extent. The industry shall ensure that most of the periphery shall be provided with green belt by removing the unwanted/non-productive structures already provided in the existing project near the boundary wall.
- 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.
- i. 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. Corporate Environment Responsibility**

- i. The project proponent shall comply with the provisions contained in this Ministry's OM vide F.No. 22-65/2017-IA.III dated 1st May 2018, as applicable, regarding Corporate Environment Responsibility. The project proponent shall adhere to the commitments made in the proposal for CER activities and spend atleast minimum amount of Rs.10.5 Lacs towards the following CER activities:

S.No.	Activity	Environment Aspect	Cost (Rs. Lac)	Timeline	
				Start	End
1.	Repair & maintenance of boundary wall and construction of one toilet for boys and girls each.	Infrastructure	5.0	February 2021	April 2021
2.	Development of Greenbelt by plantation inside the school premises. Repairing of Furniture & maintenance of toilets of school	Infrastructure & pollution control	3.5	June 2021	August 2021
3.	Distribution of School Uniform & Books to BPL students	Education	2.0	March, 2022	--
<b>TOTAL</b>			10.5		

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

- ii. The company shall have a well laid down environmental policy duly 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.



- iii. A separate Environmental Cell both at the project and company head quarter level, with qualified personnel shall be set up under the control of senior Executive, who will directly report to the head of the organization.
- iv. Action plan for implementing EMP and environmental conditions along with responsibility matrix of the company shall be prepared and shall be duly approved by competent authority. The Year-wise funds earmarked for environmental protection measures shall be kept in separate account and not to be diverted for any other purpose. The project proponent shall spent minimum amount of Rs 133 Lacs towards the capital cost and Rs 15.3 Lacs/annum towards recurring cost including the Environmental monitoring cost for the implementation of EMP as proposed in the revised EMP plan as under: -

Sr. No	Title	Capital Cost Rs. Lakh	Recurring Cost Rs. Lakh
1.	Pollution Control during construction stage	5.0	---
2.	Air Pollution Control (Installation of APCD)	78.0	10.0
3.	Water Pollution Control/Installation of APCD	20.0	0.5
4.	Noise Pollution Control	1.0	0.5
5.	(Including cost of Landscaping, Green Belt)	4.0	2.30
6.	Solid Waste Management	5.0	0.5
7.	Environment Monitoring and Management	5.0	0.5
8.	Occupational Health, Safety and Risk Management	5.0	0.5
9	RWH	5.0	0.5
	Miscellaneous	5.0	---
	<b>Total</b>	<b>133.0</b>	<b>15.3</b>

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

- v. Self-environmental audit shall be conducted annually. Every three years third-party environmental audit shall be carried out.
- vi. 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 seven years from the date of its issue 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 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 State Expert Appraisal Committee and SEIAA.
  - x. No further expansion or modifications in the plant shall be carried out without prior approval of the Ministry of Environment, Forests and Climate Change (MoEF&CC).
  - xi. Concealing factual data or submission of false/fabricated data may result in revocation of this environmental clearance and attract action under the provisions of Environment (Protection) Act, 1986.
  - xii. The SEIAA/Ministry may revoke or suspend the clearance, if implementation of any of the above conditions is not satisfactory.
  - xiii. The SEIAA/ Ministry reserves the right to stipulate additional conditions if found necessary. The Company in a time-bound manner shall implement these conditions.
  - xiv. The Regional Office of this Ministry and Punjab Pollution Control Board shall monitor compliance of the stipulated conditions. The project authorities should extend full cooperation to the officer (s) of the Regional Office and PPCB by furnishing the requisite data / information/monitoring reports.
  - xv. The above conditions shall be enforced, inter-alia under the provisions of the Water (Prevention & Control of Pollution) Act, 1974, the Air (Prevention & Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986, Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016 and the Public Liability Insurance Act, 1991 along with their amendments and Rules and any other orders passed by the Hon'ble Supreme Court of India / High Courts and any other Court of Law relating to the subject matter.
  - xvi. Any appeal against this EC shall lie with the National Green Tribunal, if preferred, within a period of 30 days as prescribed under Section 16 of the National Green Tribunal Act, 2010.
- XII. Additional Specific Conditions decided during the meeting of SEAC**
- i. The project proponent shall install site suction hood followed by the Pulse-Jet bag filter with offline cleaning technology as APCD on the two Induction Furnaces of capacity 15TPH each.
  - 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 the permission from District Advisory Committee (DAC) for the abstraction of ground water from its existing borewells to meet with the requirement of domestic and green areas.
- v. As proposed, the project proponent will meet the water requirement for industrial purpose @ 80 KLD from the treated wastewater from STP of MC, Mandi Gobindgarh.
- vi. The project proponent shall construct water storage tank of capacity 15 KL for collection of rainwater runoff generated from the rooftop within its premises and utilise the same for non-core activities of the industry.
- vii. 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.
- viii. The project proponent shall reuse of cooling tower blowdown, 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.
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- x. 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.
- xi. Whole of the vehicle movement area as well as the 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.
- xii. 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.
- xiii. The project proponent shall adopt green technologies to conserve water and energy. Also, provide abrasive resistant fire bricks in the crucibles to reduce the periodic maintenance & disposal of discarded fire bricks.
- xiv. The project proponent shall use natural gas (if available) as substitute fuel wherever possible in the existing industry/ for the expansion project.
- xv. 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.

  
**Member Secretary**

Endst. No. \_\_\_\_\_

E-mail \_\_\_\_\_

Date \_\_/\_\_/\_\_

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

1. The Secretary to Govt. of India, Ministry of Environment and Forest, Paryavaran Bhawan, CGO Complex, Lodhi Road, New Delhi.
2. The Chairman, Central Pollution Control Board, Parivesh Bhavan, CBD-cum-office Complex, East Arjun Nagar, New Delhi.
3. The Chairman, Punjab Pollution Control Board, Vatavaran Bhawan, Nabha Road, Patiala.
4. The Chairman, Punjab State Power Corporation Ltd, the Mall, Patiala.
5. The Deputy Commissioner, Fatehgarh.
6. The Deputy Director General (C), Ministry of Environment, Forests & Climate Change, Northern Regional Office, Bays No. 24-25, Sector- 31-A, Chandigarh.
7. The Joint Director, Ministry of Environment and Forest, Northern Regional Office, Bays No.24-25, Sector-31-A, Chandigarh. The detail of the authorized Officer of the project proponent is as under:
  - a) Name of the applicant : Sh. Varun Bansal, Director
  - b) Mobile Number : 01765-241116
  - c) Email Id : vimalalloys12@gmail.com
8. Monitoring Cell, Ministry of Environment, Forests & Climate Change, Indira Paryavaran Bhavan, Jorbagh Road, New Delhi - 110003.

sd-  
**Member Secretary**  
fcan2



**UNDERTAKING**  
**Regarding Delay in expansion due to COVID19 Pandemic**



Dated. 11.05.2021

**Undertaking**

This is to confirm that expansion of our existing steel manufacturing unit having existing capacity 43,050 TPA of Steel Ingots/Castings to 1,17,600 TPA at Village Sounti, Amloh Road, Mandi Gobindgarh, Dist. Fatchgarh Sahib has not started due to COVID-19 pandemic.

For Vimal Alloys Pvt. Ltd

For VIMAL ALLOYS (P) LTD.

Director

Director

**Regd. Off. :** Shop No. 445, Sector 3-C, G.T. Road, Mandi Gobindgarh-147301 (Pb.) India • Telefax : +91-1765-241116  
**Works :** Village Sounti, Amloh-147 203 (Pb.) India • Ph. : (W) 01765-230891, 230491, 230091 • Fax : +91-1765-231897  
E-mail : [info@vimalalloys.com](mailto:info@vimalalloys.com) • [www.vimalalloys.com](http://www.vimalalloys.com)

## EXISTING CTO RENEWAL-AIR &amp; WATER

## PUNJAB POLLUTION CONTROL BOARD

Application form for obtaining 'Consent to establish' (NOC)/'Consent to Operate' u/s 25/26 of the Water (Prevention & Control of Pollution) Act, 1974 and u/s 21 of the Air(Prevention & Control of Pollution) Act, 1981/Authorization under Rule 6 (1) of the Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016.

Industry ID :- R13FGS263504

Application ID :- 15491719

From:

Vimal Alloys Pvt. Ltd.,  
Vill Sounti, Amloh, Mandi Gobindgarh  
AMLOH  
FATEHGARH SAHIB

To

The Member Secretary,  
Punjab Pollution Control Board,  
Patiala.

I/We hereby, apply for obtaining,

- (i) 'Consent to establish' (NOC) under the provisions of the Water(Prevention & Control of Pollution) Act, 1974 and Air (Prevention & Control of Pollution) Act, 1981.
- (ii) 'Consent to operate' u/s 25/26 of the Water(Prevention & Control of Pollution) Act, 1974.
- ✓ (iii) 'Consent to operate' u/s 21 of the Air(Prevention & Control of Pollution)Act,1981.
- (iv) Authorization under Rule 6 (1) of the Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016.

1. The detailed information pertaining to my/our industry/project is given in the Annexure-I to this form attached herewith.

2. I/We undertake to furnish any further information sought by the Board from time to time in connection with this application.

3. I/We undertake to obtain revised/varied/fresh consent as the case may be, in case there is any change in the process/product/effluents/hazardous waste etc. before the aforesaid change is affected.

4. I/We that the information furnished herewith is correct to best of my/our knowledge and nothing has been concealed therein. The Board would be at liberty to take penal action against the industry/project and the person(s) responsible to comply with the provisions of the pollution control statuets in case information/document is detected as incorrect/false/misleading at any point of time.

5. I/We hereby agree to apply for obtaining renewal of 'consent to operate' (NOC) under the Air(Prevention & Control of Pollution) Act, 1981 and authorization under the Hazardous Wastes(management, Handling and Trans-boundry Movement)Rules, 2008 three months before the expiry of the previous consent(s)/authorization granted to the industry/project.

**Date: 27/03/2021**

**Signature of Applicant:**

**Name: Varun Bansal**

**Designation: Director**

**Address: Amloh**

**Vimal Alloys Pvt. Ltd., Vill Sounti, Amloh**

**Fatehgarh Sahib**

**Punjab**

**Enclosures:**

1. Compliance report of previous consent conditions in annotated form
2. LIST OF DIRECTORS
3. Detail fo increase in fixed assets
4. Completion Certificate
5. Analysis Report of effluent/emission from Board /Approved Lab
6. CA s certificate regarding un-depreciated value of the fixed assets of the industry at the end of last financial year

**\*\* This is Computer Generated filled Application Form \*\***

## EXSITING CTO RENEWAL-WATER

### PUNJAB POLLUTION CONTROL BOARD

Application form for obtaining 'Consent to establish' (NOC)/'Consent to Operate' u/s 25/26 of the Water (Prevention & Control of Pollution) Act, 1974 and u/s 21 of the Air(Prevention & Control of Pollution) Act, 1981/Authorization under Rule 6 (1) of the Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016.

Industry ID :- R13FGS263504

Application ID :- 15491842

From:

Vimal Alloys Pvt. Ltd.,  
Vill Sounti, Amloh, Mandi Gobindgarh  
AMLOH  
FATEHGARH SAHIB

To

The Member Secretary,  
Punjab Pollution Control Board,  
Patiala.

I/We hereby, apply for obtaining,

- (i) 'Consent to establish' (NOC) under the provisions of the Water(Prevention & Control of Pollution) Act, 1974 and Air (Prevention & Control of Pollution) Act, 1981.
- ✓ (ii) 'Consent to operate' u/s 25/26 of the Water(Prevention & Control of Pollution) Act, 1974.
- (iii) 'Consent to operate' u/s 21 of the Air(Prevention & Control of Pollution)Act,1981.
- (iv) Authorization under Rule 6 (1) of the Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016.

1. The detailed information pertaining to my/our industry/project is given in the Annexure-I to this form attached herewith.

2. I/We undertake to furnish any further information sought by the Board from time to time in connection with this application.

3. I/We undertake to obtain revised/varied/fresh consent as the case may be, in case there is any change in the process/product/effluents/hazardous waste etc. before the aforesaid change is affected.

4. I/We that the information furnished herewith is correct to best of my/our knowledge and nothing has been concealed therein. The Board would be at liberty to take penal action against the industry/project and the person(s) responsible to comply with the provisions of the pollution control statues in case information/document is detected as incorrect/false/misleading at any point of time.

5. I/We hereby agree to apply for obtaining renewal of 'consent to operate' under the water (Prevention & Control of Pollution) Act, 1974 and authorization under the Hazardous Wastes (management, Handling and Trans-boundary Movement) Rules, 2008 three months before the expiry of the previous consent(s)/authorization granted to the industry/project.

**Date: 27/03/2021**

**Signature of Applicant:**

**Name: Varun Bansal**

**Designation: Director**

**Address: Amloh**

**Vimal Alloys Pvt. Ltd., Vill Sounti, Amloh  
Fatehgarh Sahib  
Punjab**

**Enclosures:**

1. Compliance report of previous consent conditions in annotated form
2. Completion Certificate
3. LIST OF DIRECTORS
4. Detail fo increase in fixed assets
5. Analysis Report of effluent/emission from Board /Approved Lab
6. CA s certificate regarding un-depreciated value of the fixed assets of the industry at the end of last financial year

**\*\* This is Computer Generated filled Application Form \*\***

ਕੀਤਾ ਜਾਂਦਾ ਹੈ। ਇਸ ਮੁੱਖੀ ਪੇਸ਼ਕਸ਼ ਉੱਤੇ ਦੀ ਸਹੂਲਤ ਦੇ ਨਾਲ ਉਪਲੱਬਧ ਹੈ।

**ਜਨਤਕ ਸੂਚਨਾ**

ਇਹ ਆਮ ਜਨਤਾ ਦੀ ਜਾਣਕਾਰੀ ਲਈ ਹੈ ਕਿ ਸਾਡਾ ਪ੍ਰਾਜੈਕਟ "ਮੈਸਰਜ਼ ਵਿਮਲ ਅਲੌਇਸ (ਪਾ) ਲਿਮਿਟਡ" ਪਿੰਡ ਸੌਂਟੀ, ਅਮਲੋਹ ਰੋਡ, ਮੰਡੀ ਗੋਬਿੰਦਗੜ੍ਹ, ਜ਼ਿਲ੍ਹਾ ਫਤਿਹਗੜ੍ਹ ਸਾਹਿਬ, ਪੰਜਾਬ ਨੂੰ ਰਾਜ ਪੱਧਰੀ ਵਾਤਾਵਰਨ ਪ੍ਰਭਾਵ ਮੁਲਾਂਕਣ ਅਥਾਰਟੀ, ਪੰਜਾਬ ਨੇ ਆਪਣੇ ਪੱਤਰ ਨੰ: SEIAA/M.S./2020/3239 ਮਿਤੀ 05.11.2020 ਦੇ ਰਾਹੀਂ ਵਾਤਾਵਰਨ ਪ੍ਰਵਾਨਗੀ ਦਿੱਤੀ ਹੈ। ਇਸ ਪ੍ਰਵਾਨਗੀ ਪੱਤਰ ਦੀ ਕਾਪੀ ਪੰਜਾਬ ਪ੍ਰਦੂਸ਼ਣ ਕੰਟਰੋਲ ਬੋਰਡ, ਪਟਿਆਲਾ ਕੋਲ ਉਪਲਬਧ ਹੈ ਅਤੇ ਕਾਰਜਕਾਰੀ ਦਿਨ ਦੇ ਦੌਰਾਨ, ਜੇ ਚਾਹੁਣ ਤਾਂ ਵੇਖੀ ਜਾ ਸਕਦੀ ਹੈ।

**ਵੱਲੋਂ**  
ਮੈਸਰਜ਼ ਵਿਮਲ ਅਲੌਇਸ (ਪਾ) ਲਿਮਿਟਡ  
ਪਿੰਡ- ਸੌਂਟੀ, ਅਮਲੋਹ ਰੋਡ  
ਮੰਡੀ ਗੋਬਿੰਦਗੜ੍ਹ, ਜ਼ਿਲ੍ਹਾ ਫਤਿਹਗੜ੍ਹ ਸਾਹਿਬ, ਪੰਜਾਬ

**PUBLIC NOTICE**

It is for the information of General Public that the Environmental clearance of our Project namely "M/s Vimal Alloys (P) Limited." located at village- Sounti, Amloh road, Mandi Gobindgarh, district- Fatehgarh Sahib, Punjab has been granted by State Level Environment Impact Assessment Authority vide their letter no. SEIAA/M.S./2020/3239 dated 05.11.2020. Copy of Environmental Clearance is available with Punjab Pollution Control Board, Patiala and may be seen there, if desired, on any working day.

**By**  
**M/s Vimal Alloys (P) Limited**  
Village Sounti, Amloh road  
Mandi Gobindgarh District- Fatehgarh  
Sahib, Punjab.



## CGWA -APPLICATION

Government of India  
Central Ground Water Authority (CGWA)  
Ministry of Water Resources, River Development and Ganga Rejuvenation  
Applications for Issue of NOC to Abstract Ground Water (NOCAP)

**Application for Permission to Abstract Ground Water for Industrial Use  
(Application For New NOC)**

Application Number : 21-4/3102/PB/IND/2017

<b>1. General Information:</b>			
Water Quality:		Fresh Water	
Application Type Category/ Type of Application:		Steel Casting	
(i)	Name of Industry:	VIMAL ALLOYS PRIVATE LIMITED	
(ii)	Location Details of the Industrial Unit- (Attach Site Plan and Certified Revenue Sketch) (\$)		
	Address Line 1 :	VILLAGE SOUNTI	
	Address Line 2 :	AMLOH	
	Address Line 3 :		
	State:	PUNJAB	
	District:	FATEHGARH SAHIB	
	Sub-District:	AMLOH	
	Village/Town:	Saunti (30)	
	Area Type :	Notified	
	Area Type Category :	Over Exploited	
(iii)	Communication Address		
	Address Line 1:	VILLAGE SOUNTI	
	Address Line 2:	AMLLOH ROAD	
	Address Line 3:		
	State:	PUNJAB	
	District:	FATEHGARH SAHIB	
	Sub-District:	AMLOH	
	Pincode:	147203	
	Phone Number with Area Code:		
	Mobile Number:	91 9216000019	
	Fax Number:		
	E-Mail:	info@vimalalloys.com	
(iv)	Salient Features of the Industrial Activity:		
	Steel Casting Furnace		
(v)	Land Use Details of the Existing / Proposed Industrial Unit Premises Ownership of the Land : Enclose Documents of Ownership / Lease: (\$)		
	Land Use Details	Existing (sq meter)	Proposed (sq meter)
	Green Belt Area	500.00	500.00
	Open Land	5700.00	5700.00
	Road/ Paved Area		0

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For VIMAL ALLOYS (P) LTD.

Director

Government of India  
Central Ground Water Authority (CGWA)  
Ministry of Water Resources, River Development and Ganga Rejuvenation  
Applications for Issue of NOC to Abstract Ground Water (NOCAP)

**Application for Permission to Abstract Ground Water for Industrial Use  
(Application For New NOC)**

Application Number : 21-4/3102/PB/IND/2017

	Rooftop area of building/ sheds	11000.00		11000.00		
	Total	17200.00		17200.00		
(vi)	Drainage in the Area (River/ Nala etc) :	Nil				
(vii)	Source of Availability of Surface Water for Industrial Use (if any – Furnish Details):	Nil				
(viii)	Average Annual Rainfall in the Area (in mm):	730.00				
(ix)	Townships / Villages (Within 2km Radius of the Industrial Unit):	Village Sounti Amloh				
(x)	Whether Ground Water Utilization for:	Existing Industry				
	Date of Commencement Industry:	08/10/1983				
	Date of Expansion :					
<b>2. Details of Water Requirement (Fresh and Recycled Water Usage):</b> (Please Enclose Water Flow Chart of Activities and Requirement of Water at each Stage) (\$)						
<b>(i) Total Water Requirement (a+b+c+d) (m3/day)</b>						
		Existing	Proposed	Total		
<b>Water Requirement Details (Fresh Water) (m3/day)</b>						
(a)	Ground Water Requirement (m3/day):	40.00	0.00	40.00		
(b)	Surface Water Available (Canal, River, Ponds etc.) (m3/day):	0.00	0.00	0.00		
(c)	Water Supply from Any Agency (m3/day):	0.00	0.00	0.00		
<b>Total Fresh Water Requirement (a+b+c)(m3/day):</b>		<b>40.00</b>	<b>0.00</b>	<b>40.00</b>		
(d)	Recycled Water Usage (m3/day):	6.00	0.00	6.00		
<b>Total Water Requirement : (a+b+c+d)(m3/day)</b>		<b>46.00</b>	<b>0.00</b>	<b>46.00</b>		
<b>(ii) Breakup of Water Requirement and Usage:</b>						
	Activity	Existing Requirement (m3/day)	Proposed Requirement (m3/day)	Total Requirement (m3/day)	No. of Operational Days in a Year	Annual Requirement (m3/year)
	Industrial Activity	36.00	0.00	36.00	300	10800.00
	Residential / Domestic	6.00	0.00	6.00	300	1800.00
	Greenbelt Development /Environment Maintenance	4.00	0.00	4.00	300	1200.00
	Other Use	0.00	0.00	0.00	0	0.00
	<b>Grand Total</b>	<b>46.00</b>	<b>0.00</b>	<b>46.00</b>		<b>13800.00</b>

For VIMAL ALLOYS (P) LTD.

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Director  
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Government of India  
Central Ground Water Authority (CGWA)  
Ministry of Water Resources, River Development and Ganga Rejuvenation  
Applications for Issue of NOC to Abstract Ground Water (NOCAP)

**Application for Permission to Abstract Ground Water for Industrial Use  
(Application For New NOC)**

Application Number : 21-4/3102/PB/IND/2017

(iii) Breakup of Recycled Water Usage:			
		(m3/day)	(Days)
(a)	Total Waste Water Generated :	0.00	0
(b)	Quantity of Treated Water Available	6.00	
	i). Reuse in Industrial Activity:	6.00	300
	ii). Reuse in Green Belt Development:	0.00	300
	iii). Other Uses:	0.00	0
(c)	Total Treated Water Utilized:	6.00	1800.00
Net Ground Water Requirement:		40.00 (m3/day)	

3. (a). Groundwater Abstraction Structure- Existing:

Number of Existing Structures:						6			
SNo.	Type of Structure Name / Year of Construction	Depth (Meter) / Diameter (mm)	Depth to Water Level (Meters below Ground Level)	Discharge (m3/Hour)	Operational Hours (Day) / Days (Year)	Mode of Lift Name	Horse Power of Pump	Whether Fitted with Water Meter	Whether Permission Registered with CGWA / If so Details Thereof
1	Tubewell / 1983	70.00 / 25	60.00	9.00	5 / 300	Submersible Pump	5.00	Yes	No / -
2	Tubewell / 1983	70.00 / 25	60.00	1.00	1 / 1	Submersible Pump	5.00	Yes	Yes / Standby
3	Tubewell / 1983	70.00 / 25	60.00	1.00	1 / 1	Submersible Pump	5.00	Yes	Yes / Stand By
4	Tubewell / 1985	70.00 / 25	60.00	1.00	1 / 1	Submersible Pump	3.00	Yes	Yes / Standby
5	Tubewell / 1983	70.00 / 25	60.00	1.00	1 / 1	Submersible Pump	3.00	Yes	Yes / Standby
6	Tubewell / 1983	70.00 / 25	60.00	1.00	1 / 1	Submersible Pump	2.00	Yes	Yes / standby

(b). Groundwater Abstraction Structure- Proposed:

Number of Proposed Structures:						0			
SNo.	Type of Structure Name / Year of Construction	Depth (Meter) / Diameter (mm)	Depth to Water Level (Meters below Ground Level)	Discharge (m3/Hour)	Operational Hours (Day) / Days (Year)	Mode of Lift Name	Horse Power of Pump	Whether fitted with Water Meter	Whether Permission Registered with CGWA / If so Details Thereof

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For VIMAL ALLOYS (P) LTD.

  
Director

Government of India  
Central Ground Water Authority (CGWA)  
Ministry of Water Resources, River Development and Ganga Rejuvenation  
Applications for Issue of NOC to Abstract Ground Water (NOCAP)

**Application for Permission to Abstract Ground Water for Industrial Use  
(Application For New NOC)**

Application Number : 21-4/3102/PB/IND/2017

4.	Groundwater Availability (Please Enclose a Comprehensive Report / Note on Groundwater Condition / Groundwater Quality in and Around the Area) Applicable to Industries Consuming Greater Than 500 m <sup>3</sup> /day and / or having a Land Area of Greater Than 2 Ha.- (\$)								
	N/A								
5.	Details of Rainwater Harvesting and Artificial Recharge Measures for Groundwater Recharge in the Area. If the Firm has Proposed to take up Rainwater Harvesting and Recharge outside the Industrial Unit Premises, then provide NOC from the Concern Authority / Agency where the Harvesting Measures are Proposed, if Already implemented, details may be furnished. (Attach Report on Comprehensive & Feasible Rainwater Harvesting / Recharge Proposal).- (\$)								
	The unit has total 17200 Sq Meter area. Average rain in the area is approx 730mm The unit has plan to for rain water harvesting above 80 m <sup>3</sup> /Day As Approved by Punjab Pollution Control Board								
6.	Copy of Referral Letter seeking NOC from CGWA from Central Pollution Control Board / State Pollution Control Board / Bureau of Indian Standards / Ministry of Environment and Forests / Other Central / State Agencies shall be Annexed.- (\$)								
	Attached Referral Letter								
	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 10%;">S.No</th> <th style="width: 35%;">Attached Referral Letter</th> <th style="width: 30%;">Attachment Name</th> <th style="width: 25%;">File Name</th> </tr> </thead> <tbody> <tr> <td style="text-align: center;">1</td> <td>State Pollution Control Board</td> <td>Consent air</td> <td>Cosnt AIR.pdf</td> </tr> </tbody> </table>	S.No	Attached Referral Letter	Attachment Name	File Name	1	State Pollution Control Board	Consent air	Cosnt AIR.pdf
S.No	Attached Referral Letter	Attachment Name	File Name						
1	State Pollution Control Board	Consent air	Cosnt AIR.pdf						
7.	Have You Applied Earlier for Groundwater Clearance from CGWA / State Government Agency:								
	If Yes, so Details thereof with Status:								
<b>INDUSTRIAL USE- Self Declaration</b>									
<input checked="" type="checkbox"/> It is to Certify that the Data and Information Furnished Above are True to the Best of My Knowledge and Belief and I am Aware that if Any Part of the Data / Information Submitted is Found to be False or Misleading at Any Stage the Application will be Rejected Out Rightly.									
1. Application Proforma is Subject to Modification from Time to Time.									
2. Application should be submitted to Regional Office.									
Regional Director, Central Ground Water Board North Western Region, Bhujal Bhawan, Plot No. 3A, Sector 27-B, CHANDIGARH, CHANDIGARH, 160019									
3. Incomplete Application will be Summarily Rejected.									
Submitted Application will not be Processed till the Print Out of the Signed Complete Application is Submitted to Regional Office.									
4. Applicant has to Submit Processing Fee of Rs. 1000.00/- (Rupees One Thousand Only) in the form of Demand Draft drawn in Favour of PAO, CGWB and Payable at Faridabad, Haryana.									
<b>Demand Draft Details:-</b>									
D.D. No.	158722	Dated :	11/07/2017						
Bank Name:	Yes Bank Ltd.	Amount:	Rs. 1000/-						
<b>Note:- The Processing Fee is Non-Refundable. Applicant should ensure and Check Eligibility of Submission of Application and Required Documents before Submitting Online Application.</b>									

Attached Files:

1). Site Plan : (Refer: 1 (ii))

For VIMAL ALLOYS (P) LTD.

Director

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Government of India  
Central Ground Water Authority (CGWA)  
Ministry of Water Resources, River Development and Ganga Rejuvenation  
Applications for Issue of NOC to Abstract Ground Water (NOCAP)

**Application for Permission to Abstract Ground Water for Industrial Use  
(Application For New NOC)**

Application Number : 21-4/3102/PB/IND/2017

S.No	Attachment Name	File Name
1	sITE pLAN	Site Plan.pdf

**2). Certified Revenue Sketch : (Refer: 1 (ii))**

No Attachment Found!

**3). Documents of Ownership / Lease : (Refer: 1 (v))**

No Attachment Found!

**4). Source of Availability of Surface Water : (Refer: 1 (vii))**

No Attachment Found!

**5). Enclose Flow Chart of Activity and Requirement of Water: (Refer: 2)**

No Attachment Found!

**6). Groundwater Availability Report : (Refer: 4)**

No Attachment Found!

**7). Details of Rainwater Harvesting / Artificial Recharge Measures : (Refer: 5)**

S.No	Attachment Name	File Name
1	Rain Water Harvest Plan	Rain Water Harvesting.docx

**8). Authorization :**

No Attachment Found!

**10). Non-Polluting Effluent :**

S.No	Attachment Name	File Name
1	Consnet water	Consent water.pdf

**11). Extra Attachment :**

No Attachment Found!

**12). Scanned Industrial Application :**

No Attachment Found!

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For VIMAL ALLOYS (P) LTD.

Director

Government of India  
Central Ground Water Authority (CGWA)  
Ministry of Water Resources, River Development and Ganga Rejuvenation  
Applications for Issue of NOC to Abstract Ground Water (NOCAP)

Application for Permission to Abstract Ground Water for Industrial Use  
(Application For New NOC)

Application Number : 21-4/3102/PB/IND/2017

Date :

Place :

Name & Signature of the applicant  
(With official seal)

Associated User : vimalalloys

Submitted By User : vimalalloys

Submission Date : 11/07/2017

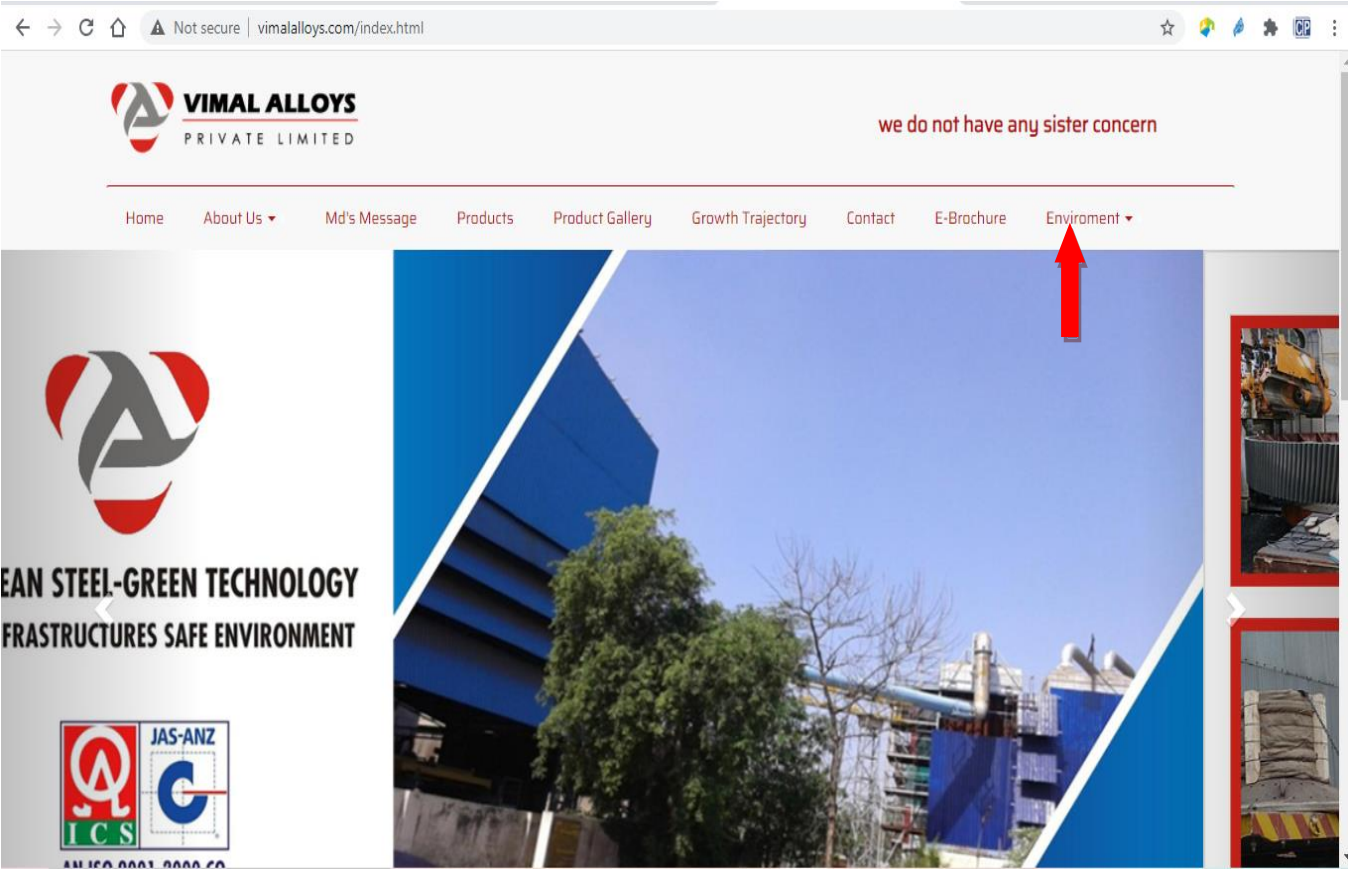
\* In case signed by any authorized signatory, the details of the signatory with the authorization shall be enclosed.



PHOTOGRAPH OF GREEN BELT



SCREENSHOT OF THE COMPANY WEBSITE  
Showing indicator to view the Environment Clearance





# ANALYSIS REPORTS AMBIENT AIR REPORT



GSTIN No. : 03AMLPS9476P2ZX

NABET accredited EIA consultant, MoEF &amp; CC recognized ISO 9001 : 2015, ISO 14001 : 2015 and ISO 45001 : 2018 Certified Laboratory

H.O. : #372, Sector 15-A, Chandigarh-160 015 ☎ : 0172-4669295, Website : [www.cptl.co.in](http://www.cptl.co.in)Lab : E-126, Phase-VII, Indl. Area, Mohali - 160055 ☎ : 0172-5090312; e-mail : [sital\\_cptlmohali@yahoo.co.in](mailto:sital_cptlmohali@yahoo.co.in), [cptle126@gmail.com](mailto:cptle126@gmail.com), [lab@cptl.co.in](mailto:lab@cptl.co.in)

## TEST CERTIFICATE

REPORT No. CPTL/EC/03/2021/08(A)

REPORTING DATE: 10.03.2021

NAME OF INDUSTRY:

M/s. VIMAL ALLOYS (P) LIMITED,  
VILL-SOUNTI, AMLOH ROAD, MANDI GOBINDGARH,  
DIST. FATEHGARH SAHIB, PUNJAB.

## SAMPLE PARTICULARS

Type of Sample:	Ambient Air
Point of Sample Collection:	Project Site
Sample Identification No.	CPTL/EC/03/2021/08(A)
Date of Sample Collection	05.03.2021
Date of Sample Received in Lab	06.03.2021
Date of Reporting	10.03.2021
Sampling Protocol:	IS: 5182 (P-14) 2000, CPCB Guidelines and Customer's Requirements.
Sample Collected By	Daljeet Singh & Team

S. No.	Test Parameters	Units	Results	Prescribed Standard as per NAAQS Notification 18 <sup>th</sup> Nov.2009	Test Method
1.	Particulate Matter (PM <sub>10</sub> )	µg/m <sup>3</sup>	87.5	100	IS: 5182 (P-23) 2006, RA-2012
2.	Particulate Matter (PM <sub>2.5</sub> )	µg/m <sup>3</sup>	36.5	60	SP-61, Issue Date-04-08-2012
3.	Sulphur Dioxide (SO <sub>2</sub> )	µg/m <sup>3</sup>	8.2	80	IS: 5182 (P-2) 2001
4.	Nitrogen Oxides (NO <sub>2</sub> )	µg/m <sup>3</sup>	25.4	80	IS: 5182 (P-6) 2006, RA-2012

(Chemist In-Charge)

Date: 10/03/2021

Sital Singh (CEO)

(Authorized Signatory)

Date: 10/03/2021

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- Sample will be destroyed after retention time unless otherwise specified specially.

\*\*\*END OF REPORT\*\*\*

## **NOISE MONITORING REPORT**





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



TC-6728



NABET accredited EIA consultant, MoEF & CC recognized  
ISO 9001 : 2015, ISO 14001 : 2015 and ISO 45001 : 2018 Certified Laboratory

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**TEST CERTIFICATE**

REPORT No. CPTL/EC/03/2021/08 (AN)

REPORTING DATE: 10.03.2021

NAME OF INDUSTRY: M/s. VIMAL ALLOYS (P) LIMITED,  
VILL-SOUNTI, AMLOH ROAD, MANDI GOBINDGARH,  
DIST. FATEHGARH SAHIB, PUNJAB.

**SAMPLE PARTICULARS**

Type of Sample	Noise Level Monitoring
Sample Identification No.	CPTL/EC/03/2021/08(AN)
Date of Monitoring	05.03.2021
Date of Reporting	10.03.2021
Sampling Protocol	IS: 9989:1981(Rev.2003), CPCB Guidelines and Customer's Requirements.
Sample Collected By	Daljeet Singh & Team

S. No.	Test	Location	Unit	Results	Test method
1.	Ambient Day Time Noise Levels 1 Hour $L_{eq}$	Average Noise Level Around project site	dB(A)	57.6	IS: 9989:1981 R-2003

(Chemist In-Charge)

Date: 10/03/2021

Sital Singh (CEO)

(Authorized Signatory)  
Date: 10/03/2021

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\*\*\*END OF REPORT\*\*\*  
**GROUND WATER REPORT**





# CHANDIGARH POLLUTION TESTING LABORATORY

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



NABET accredited EIA consultant, MoEF & CC recognized  
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GSTIN No. : 03AMLPS9476P2ZX

TC-6728

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Lab : E-126, Phase-VII, Indl. Area, Mohali - 160055 ☎ : 0172-5090312; e-mail : [sital\\_cptlmohali@yahoo.co.in](mailto:sital_cptlmohali@yahoo.co.in), [cptle126@gmail.com](mailto:cptle126@gmail.com), [lab@cptl.co.in](mailto:lab@cptl.co.in)

## TEST CERTIFICATE

REPORT No. CPTL/EC /03/2021/08(A)

REPORTING DATE: 10.03.2021

NAME OF INDUSTRY:	M/s. VIMAL ALLOYS (P) LIMITED, VILL-SOUNTI, AMLOH ROAD, MANDI GOBINDGARH, DIST. FATEHGARH SAHIB, PUNJAB.
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## SAMPLE PARTICULARS

Type of Sample	Ground Water(Grab)
Quantity & Packaging	2litres in Plastic Bottle +25 ml in sterilized glass bottle
Point of Sample Collection	From Tube well
Date of Sample Collection	05.03.2021
Date of Sample Received in Lab	06.03.2021
Sample Identification no.	CPTL/EC /03/2021/08(A)
Analysis Duration	06.03.2021 to 10.03.2021
Sample Collected By	Daljeet Singh & Team
Sampling Protocol	IS: 3035 (P-1) 1987 R1998 Amdt-1
Visual Observation	Clear and Colorless

## TEST RESULTS

S. No.	Parameters	Results	Acceptable Limit	Permissible Limit	Test Method
1.	pH	7.55	6.5-8.5	No relaxation	APHA-4500H <sup>+</sup> , 23rd Edition
2.	Color, HU	<5	5	15	APHA-2030B, 23rd Edition
3.	Turbidity, NTU	<1	1	5	APHA-2130B, 23rd Edition
4.	Total Dissolved Solids, mg/l	384	500	2000	APHA-2540C, 23rd Edition
5.	Total Hardness (as CaCO <sub>3</sub> ), mg/l	326	200	600	APHA-2340B, 23rd Edition
6.	Calcium (as Ca <sup>++</sup> ), mg/l	50.8	75	200	APHA-3500B, 23rd Edition
7.	Magnesium (as Mg <sup>++</sup> ), mg/l	22.8	30	1000	APHA-2340B, 23rd Edition
8.	Total Alkalinity (as CaCO <sub>3</sub> ), mg/l	296	200	600	APHA-2320B, 23rd Edition
9.	Chloride (as Cl), mg/l	19.9	250	1000	APHA-4500B, 23rd Edition
10.	Sulphate (as SO <sub>4</sub> ), mg/l	24.5	200	400	APHA-4500E, 23rd Edition
11.	Iron (as Fe), mg/l	0.10	1.0	No relaxation	APHA-3111B, 23rd Edition
12.	Zinc (as Zn), mg/l	ND	5	15	APHA-3030D, 23rd Edition
13.	Nitrate (as NO <sub>3</sub> ), mg/l	ND	45	No relaxation	IS: 3035(Part-34), 1986
14.	Chromium ( as Cr), mg/l	ND	0.05	No relaxation	APHA-3113B, 23rd Edition
15.	Manganese (as Mn), mg/l	ND	0.1	0.3	APHA-3030D & 3111B, 23rd Edition
16.	Lead (as Pb), mg/l	ND	0.01	No relaxation	APHA-3030D & 3111B, 23rd Edition

Page 1 of 2





**CHANDIGARH POLLUTION  
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GSTIN No. : 03AMLPS9476P2ZX



H.O. : #372, Sector 15-A, Chandigarh-160 015 ☎ : 0172-4669295, Website : [www.cptl.co.in](http://www.cptl.co.in)

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Type of Sample	Ground Water(Grab)
Date of Sample Received in Lab	06.03.2021
Sample Identification no.	CPTL/EC /03/2021/08(A)

S. No.	Parameters	Results	Acceptable Limit	Permissible Limit	Test Method
17.	Copper (as Cu), mg/l	ND	0.05	1.5	APHA-3111B, 23rd Edition
18.	Boron (as B), mg/l	ND	0.5	1.0	APHA-4500B, 23rd Edition
19.	Cadmium (as Cd), mg/l	ND	0.003	No relaxation	APHA-3500 CD-A, 23rd Edition
20.	Fluoride,(as F ) mg/l	ND	1.0	1.5	APHA,SPANDS Method 4500- F <sup>-</sup> D
21.	Free Residual Chlorine , mg/l	ND	0.2	1	APHA-4500D, 23rd Edition
22.	E.coli/100 ml	Absent	Shall not be detectable in any 100 ml sample	Shall not be detectable in any 100 ml sample	IS : 1622-1981(RA 2009) ,MPN Method
23.	Total Coliforms, MPN/100 ML	<2	Shall not be detectable in any 100 ml sample	Shall not be detectable in any 100 ml sample	IS : 1622-1981(RA 2009) ,MPN Method

ND-Not Detected

Chemist In-Charge

Date: 10/03/2021

Sital Singh (CEO)

(Authorized Signatory)

Date: 10/03/2021

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Page 2 of 2

\*\*\*END OF REPORT\*\*\*

**STACK MONITORING REPORT  
CONDUCTED BY PPCB**

<b>PUNJAB POLLUTION CONTROL BOARD</b>		
AIR LABORATORY, HEAD OFFICE, VATAVARAN BHAWAN, PATIALA		
Telefax: 0175- 2302392		
Email:- airlabppcb@gmail.com		
1. Laboratory Sample No.	382/ H.O.Lab./Air/Monitoring/2018-19	
2. Name of Industry	M/s Vimal Alloys (P) Ltd., Amloh Road, Mandi Gobindgarh.	
3. Name of Sample collecting Officer	Er. Rubal Goyal AEE & Sh. Satinder Mohan Singh, JSO.	
4. Designation of authorizing Test	EE, RO Fatehgarh Sahib	
5. Type of Sample	Stack Emission	
6. Date & Time of Sample collection	29.7.2020	
7. Date & Time of Sample receipt in Lab.	30.7.2020	
8. Point of Sample collection	Details as Given Below	
<b>Results</b>		
Point of sample Collection	Parameter	Results
From Port hole on stack after APCD	Particulate Matter	42 mg/Nm <sup>3</sup>

Endst. No: 16934-35 Dt. 31-7-20

Asstt. Scientific Officer

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

1. The Senior Environmental Engineer, Punjab Pollution Control Board, Zonal Office-I Patiala
2. The Environmental Engineer, Punjab Pollution Control Board, Regional Office, Fatehgarh Sahib.

Asstt. Scientific Officer