



Government of India
Ministry of Environment, Forest and Climate Change
(Impact Assessment Division)

To,

The MD

KASHI VISHWANATH STEELS PVT. LTD.

Narain Nagar, Industrial Estate, Bazpur Road, Kashipur, District - Udham
Singh Nagar, Uttarakhand, Udham Singh Nagar, Uttarakhand-244713

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

Sir/Madam,

This is in reference to your application for Environmental Clearance (EC)
in respect of project submitted to the Ministry vide proposal number
IA/UK/IND/258872/2019 dated 30 Apr 2022. The particulars of the environmental
clearance granted to the project are as below.

- EC Identification No.** EC22A008UK110452
- File No.** J-11011/195/2019-IA.II(I)
- Project Type** Expansion
- Category** A
- Project/Activity including
Schedule No.** 3(a) Metallurgical industries (ferrous &
non ferrous)
- Name of Project** Expansion of M/s. Kashi Vishwanath
Steels (P) Ltd. for production of MS
Ingot/MS Billet from 57,600 TPA to
204,200 TPA and Rolled Production from
88,200 TPA to 200,000 TPA, located at
Narain Nagar Ind
- Name of Company/Organization** KASHI VISHWANATH STEELS PVT.
LTD.
- Location of Project** Uttarakhand
- TOR Date** 10 Jul 2019

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

Date: 01/07/2022

(e-signed)
Dr. R. B. Lal
Scientist E

IA - (Industrial Projects - 1 sector)

*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.*

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F. No. IA- J-11011/195/2019- -IA.II (I)

Government of India
Ministry of Environment, Forest and Climate Change
(I.A. Division – Industry I sector)

Indira Paryavaran Bhawan
Jor Bagh Road, Aliganj,
New Delhi – 110003

Dated: 1st July, 2022

To,

M/s. Kashi Vishwanath Steels Private Limited
Narain Nagar Industrial Estate, Bazpur Road, Kashipur,
District Udham Singh Nagar, Uttarakhand-244713
Email: kvspremiereia@gmail.com

Subject: Expansion of MS Ingot/MS Billet production from 57,600 TPA to 204,200 TPA and Rolled Production from 88,200 TPA to 200,000 TPA by M/s. Kashi Vishwanath Steels Private Limited located at Narain Nagar Industrial Estate, Bazpur Road, Kashipur, District Udham Singh Nagar, Uttarakhand –Environmental Clearance.

Sir,

This refers to your proposal no. **IA/UK/IND/258872/2019** dated 30.04.2022 received through PARIVESH Portal for grant of **Environmental Clearance (EC)** for the project mentioned above.

2. As per the provisions of the Environment Impact Assessment (EIA) Notification, 2006, the above-mentioned project/activity is covered under category '**A**' of item 3(a) **Metallurgical Industries (ferrous & non-ferrous) of the EIA Notification, 2006 and appraised at Central Level.**

3. Accordingly, the above-mentioned proposal has been considered in **6th meeting of Expert Appraisal Committee (Industry-1 Sector) held on 30-31st May, 2022.** The minutes of the meeting and all the project documents are available on PARIVESH portal which can be accessed at <https://parivesh.nic.in>.

4. The details of the proposal are as per the EIA/EMP report submitted by the proponent. The salient features of the proposal as presented during the above-mentioned meetings of EAC (Industry 1 Sector) are as under: -

S. No.	Particulars	Details		
a.	Terms of Reference for undertaking EIA study	10.07.2019		
b.	Period of baseline data collection	01 Mar 2019 To 31 May 2019		
c.	Date of Public Consultation	21.12.2020		
d.	Action plan to address the PH issues	An amount of Rs. 43 lakhs have been earmarked to address the issues raised during public hearing. Detail of activities proposed attached as Annexure 1.		
e.	Location of the project	Narain Nagar Industrial Estate, Bazpur Road, Kashipur, District Udham Singh Nagar, Uttarakhand		
f.	Latitude and Longitude of the project site	Point	Latitude	Longitude
		A	29° 11' 25.3" N	79° 0' 00.3" E
		B	29° 11' 20.5" N	79° 0' 01.2" E



S. No.	Particulars	Details		
		C	29° 11' 16.0" N	79° 0' 10.8" E
D	29° 11' 19.1" N	79° 0' 13.4" E		
E	29° 11' 21.3" N	79° 0' 09.9" E		
F	29° 11' 24.7" N	79° 0' 11.6" E		
g.	Total land	5.981 ha [Private: 5.981 ha]		
h.	Land acquisition details as per MoEF&CC O.M. dated 7/10/2014	No additional land required for the project. Entire existing Land area of 5.981 ha. is in possession of the Project Proponent and documents are provided in the EIA.		
i.	Existence of habitation & involvement of R&R, if any	There is no habitation and no involvement of R&R. Study Area:		
		Habitation	Distance	Direction
		Kashipur	4.5 km	NW
j.	Elevation of the project site	231 m above mean sea level		
k.	Involvement of Forest land if any.	No Forest Land is involved in the proposed expansion project area.		
l.	Water body exists within the project site as well as study area	Project Site: No water bodies within the project site		
		Study area		
		Water Body	Distance	Direction
		Bahalla Nadi	0.19	W
River Kosi	4.74	SE		
m.	Existence of ESZ / ESA / national park / wildlife Sanctuary / biosphere Reserve / tiger reserve / elephant reserve etc. if any within the study area	Nil None within 10 km radius study area		
n.	Project cost	Existing - INR 36 crores Proposed – INR 20 crores		
o.	EMP cost	Type	Capital (Rs. in Crores)	Recurring (Rs. in Crores)
		Proposed	2.822	0.455
p.	Employment opportunity	100 persons		
q.	Water and Power requirement	(Existing + proposed)Water – 295 KLD/day, Power –26.5 MW		

Unit configuration and capacity:

Plant	Existing				Final (Existing + Proposed)	
	Configu. as per CTE	Capacity TPA as per CTE	Configu. as per CTO	Capacity TPA as per CTO	Configu.	Capacity TPA
Steel Melting Shop						
Induction Furnace	2x 5 Tons 2x 4 Tons	57,600 MS Ingots / Billets	2x 5 Tons 2x 4 Tons	57,600 MS Ingots / Billets	4x 12 Ton	204,200 MS Ingots / Billets
Continuous Casting Machine (CCM) / Ingot Casting	2 Strand, 6/11 m radius		2 Strand, 6/11 m radius		2 Strand, 6/11m radius	

Plant	Existing				Final (Existing + Proposed)	
	Configu. as per CTE	Capacity TPA as per CTE	Configu. as per CTO	Capacity TPA as per CTO	Configu.	Capacity TPA
Gas Oxygen Refining Unit	-	-			1 x 20 Ton	-
Producer Gas plant	Existing Producer Gas Plant shall be phased out after the proposed expansion. PNG Gas will be used in Reheating Furnace					
Metal Recovery Plant	--	--	--	--	1	4 TPD
Reheating Furnace	1 x 45 TPD 1 x 200 TPD	-	1 x45 TPD 1 x200 TPD	--	1 x45 TPD 1 x200 TPD	--
Rolling Mill						
Low Speed Rolling Mill	45 TPD	16,700	45 TPD	16,700	120 TPD	41,760
High Speed Rolling Mill	200 TPD	71,500	200 TPD	71,500	452 TPD	158,240
Total Rolling Mill Production	245 TPD	88,200	245 TPD	88,200	572 TPD	200,000
Cold Drawing Complex	--	--	--	--	20 TPD	7,200
Industry may either roll MS Billets/Ingots produced in the plant or sold it directly in market. In case sufficient Billets / Ingots produced in the plant are not available for rolling, billets / ingots shall be purchased from the market for rolling, within the maximum production of 200,000 TPA.						

5. The EAC, in its 6th meeting of Expert Appraisal Committee (Industry-1 Sector) held on 30-31st may, 2022, based on information & clarifications provided by the project proponent and after detailed deliberations **recommended** the proposal for grant of Environment Clearance subject to stipulation of specific and general conditions as detailed in the point below.

6. The MoEF&CC has examined the proposal in accordance with the Environment Impact Assessment (EIA) Notification, 2006 & further amendments thereto and after accepting the recommendations of the Expert Appraisal Committee (Industry-1 Sector) hereby decided to grant **Environment Clearance for instant proposal of M/s. Kashi Vishwanath Steels Private Limited** under the provisions of EIA Notification, 2006 subject to the following specific conditions and general conditions:

A. Specific Conditions

- i. The project proponent shall comply with all the environmental protection measures and safeguards proposed in the documents submitted to the Ministry. All the recommendations made in the EIA/EMP in respect of environmental management, and risk mitigation measures relating to the project shall be implemented.
- ii. The project proponent shall utilize modern technologies for capturing of carbon emitted and shall also develop carbon sink/carbon sequestration resources capable of capturing more than emitted. The implementation report shall be submitted to the IRO, MoEF&CC in this regard.
- iii. The activities and the action plan proposed by the project proponent to address the issues raised during public hearing and socio-economic issues in the study area shall be completed as per the schedule presented before the Committee and as described in the EIA report in letter and spirit.



- iv. TCLP analysis of the slag samples shall be carried out periodically. In case of presence of hazardous material, the same shall be sent to TSDF. In case of non-hazardous material, slag shall be utilized at project site for brick manufacturing and construction work after the recovery of metal.
- v. Performance test shall be conducted on all pollution control systems every year and report shall be submitted to Integrated Regional Office of the MoEF&CC.
- vi. Greenbelt @ 33% will be developed in next three months, i.e. by September 2022 with native species. Tree density will be maintained at 2500 trees per hectare. Survival rate of green belt developed shall be monitored on periodic basis to ensure that damaged plants are replaced with new plants in the subsequent years. Additionally, as committed by the PP, the greenbelt/plantation also will be developed in 2.0 ha. land leased for greenbelt development purpose in village Shivalpur Dallu in next three months, i.e. by September 2022. Compliance status in this regard, shall be submitted to concerned Integrated Regional Office of the MoEF&CC.
- vii. Greening and Paving shall be implemented in the plant area to arrest soil erosion and dust pollution from exposed soil surface.
- viii. Online stack monitoring system for IF and RF shall be installed and monitoring report shall be submitted to the concerned Regional Office of the MoEF&CC along with the six monthly compliance report.
- ix. Two online Continuous Ambient Air Quality Monitoring station shall be set up. The location of the CAAQMS shall be decided in consultation with the SPCB.
- x. All stockyards shall have impervious flooring and shall be equipped with water spray system for dust suppression. Stock yards shall also have garland drains to trap the run off material.
- xi. 85-90 % of billets shall be rolled directly in hot stage. RHF shall operate using only Light Diesel Oil or LSHS as a fuel.
- xii. Following additional arrangements to control fugitive dust shall be provided:
 - a. Fog / Mist Sprinklers at all on bulk raw material storage area (at the transfer points) like Iron Ore, Coal and for Fly Ash and similar solid waste storage areas.
 - b. Proper covered vehicle shall be used while transport of materials.
 - c. Wheel washing mechanism shall be provided in entry and exit gates with complete recirculation system.
- xiii. The particulate matter emissions from the process stacks shall be less than 30 mg/Nm³ and will comply to all Norms and standards as prescribed by Ministry of Environment, Forest and Climate Change and Central Pollution Control Board/State Pollution Control Board.
- xiv. Water Sprinklers/Water mist system shall be installed near raw material yards, operational units and other strategic locations to control fugitive emissions from the plant.
- xv. The water requirement after the proposed project is estimated as 295 m³/day wherein the permission for drawl of total groundwater of 295 KLD is obtained from CGWA vide NOC No. CGWA/NOC/IND/ORIG/2021/9772 dated 01.01.2021.
- xvi. PP shall develop rain water harvesting system for their utilization and implement the plan for gradual phase out of ground water extraction. PP may go for surface water utilization to minimize the extraction of ground water. Rain water harvesting shall be implemented to recharge/harvest water as per the action plan submitted in the EIA/EMP report.
- xvii. Septic tank shall be replaced by the STP, as committed by the PP.



- xviii. Piped Natural Gas (PNG) shall be used as fuel in Reheating Furnace. Producer Gas Plant has been phased out and shall not be implemented in future.
- xix. Pollution monitoring should be installed for reheating furnace even if it uses PNG.
- xx. Low NOx Burners will be installed at Reheating Furnace for control of Gaseous emissions generated while using PNG.
- xxi. Bag filters shall be cleaned regularly and efficiency of bag filter system shall be monitored at regular intervals.
- xxii. Project proponent shall ensure that habitations/settlements nearby the Unit shall not be disturbed/affected.
- xxiii. A proper action plan must be implemented to dispose of the electronic waste generated in the industry.
- xxiv. The proposed project shall be designed as "Zero Liquid Discharge" Plant. No waste water will be discharged outside the plant boundary.

B. General conditions

I. Statutory compliance:

- i. The Environment Clearance (EC) granted to the project/ activity is strictly under the provisions of the EIA Notification, 2006 and its amendments issued from time to time. It does not tantamount/ construe to approvals/ consent/ permissions etc., required to be obtained or standards/conditions to be followed under any other Acts/Rules/Subordinate legislations, etc., as may be applicable to the project.

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 as amended from time to time. The CEMS shall be connected to SPCB and CPCB online servers and calibrate these systems from time to time according to equipment supplier specification through labs recognized under Environment (Protection) Act, 1986 or NABL accredited laboratories.
- ii. The project proponent shall 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 at four locations one within and three outside the plant area at an angle of 120° each), covering upwind and downwind directions.
- iii. 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.
- iv. Appropriate Air Pollution Control (APC) system shall be provided for all the dust generating points including fugitive dust from all vulnerable sources, so as to comply prescribed stack emission and fugitive emission standards.
- v. The project proponent shall provide leakage detection and mechanized bag cleaning facilities for better maintenance of bags.
- vi. The project proponent shall ensure covered transportation and conveying of ore, coal and other raw material to prevent spillage and dust generation.



- vii. The project proponent shall provide primary and secondary fume extraction system at all heat treatment furnaces.
- viii. Wind shelter fence and chemical spraying shall be provided on the raw material stock piles.
- ix. Design the ventilation system for adequate air changes as per prevailing norms for all tunnels, motor houses, Oil Cellars.

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. Sewage Treatment Plant shall be provided for treatment of domestic wastewater to meet the prescribed standards.
- iii. The project proponent shall provide the ETP for effluents of rolling mills to meet the standards prescribed in G.S.R 277 (E) 31st March 2012 (applicable to IF/EAF) as amended from time to time.

IV. Noise monitoring and prevention

- i. Noise quality shall be monitored as per the prescribed Noise Pollution (Regulation and Control) Rules, 2000 and report in this regard shall be submitted to Regional Officer of the Ministry as a part of six-monthly compliance report.

V. Energy Conservation measures

- i. Energy conservation measures may be adopted such as adoption of solar energy and provision of LED lights etc., to minimize the energy consumption.

VI. Waste management

- i. Used refractories shall be recycled as far as possible.
- ii. Oily scum and metallic sludge recovered from rolling mills ETP shall be mixed, dried, and briquetted and reused melting Furnaces
- iii. Kitchen waste shall be composted or converted to biogas for further use.

VII. Green Belt

- i. The project proponent shall prepare GHG emissions inventory for the plant and shall submit the Programme for reduction of the same including carbon sequestration including plantation.
- ii. Project proponent shall submit a study report on Decarbonization program, which would essentially consist of company's carbon emissions, carbon budgeting/ balancing, carbon sequestration activities and carbon capture, use and storage and offsetting strategies. Further, the report shall also contain time bound action plan to reduce its carbon intensity of its operations and supply chains, energy transition pathway from fossil fuels to Renewable energy etc. All these activities/ assessments should be measurable and monitor able with defined time frames.



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. Occupational health surveillance of the workers shall be done on a regular basis and records maintained.

IX. Environment Management

- i. The project proponent shall comply with the provisions contained in this Ministry's OM vide F.No. 22-65/2017-IA.III dated 30/09/2020. As part of Corporate Environment Responsibility (CER) activity, company shall adopt nearby villages based on the socio-economic survey and undertake community developmental activities in consultation with the village Panchayat and the District Administration as committed.
- 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 and / or shareholder's / 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.

X. 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 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.
 - viii. The project proponent shall abide by all the commitments and recommendations made in the EIA/EMP report, commitment made during Public Hearing and also that during their presentation to the Expert Appraisal Committee.
 - ix. The PP shall put all the environment related expenditure, expenditure related to Action Plan on the PH issues, and other commitments made in the EIA/EMP Report etc. in the company web site for the information to public/public domain. The PP shall also put the information on the left over funds allocated to EMP and PH as committed in the earlier ECs and shall be carried out and spent in next three years, in the company web site for the information to public/public domain.
 - 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 Ministry may revoke or suspend the clearance, if implementation of any of the above conditions is not satisfactory.
 - xiii. The 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 shall monitor compliance of the stipulated conditions. The project authorities should extend full cooperation to the officer (s) of the Regional Office by furnishing the requisite data / information/monitoring reports.
 - xv. 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.
7. This issues with the approval of the Competent Authority.



(Dr. R. B. Lal)
Scientist 'E'/Additional Director
Tel: 011-20819346
Email-rb.lal@nic.in

Encl. as above at Annexure –I

Copy to: -

1. The Secretary, Department of Environment, Government of Uttarakhand, Secretariat, Dehradun.



2. The Director General of Forest, Ministry of Environment, Forest and Climate Change, New Delhi.
3. The Deputy Director General of Forests (C), Integrated Regional Office, Ministry of Environment, Forest and Climate Change, 25, Subhash Road, Dehradun-248001
4. The Chairman, Central Pollution Control Board, Parivesh Bhavan, CBD-cum-Office Complex, East Arjun Nagar, New Delhi 110032
5. The Chairman, Uttarakhand Environment Protection & Pollution Control Board, E-115, Nehru Colony, Hardwar Road, Dehradun, Uttarakhand.
6. The Member Secretary, Central Ground Water Authority, Jamnagar House, 18/11, Man Singh Road Area, New Delhi 110001
7. The Addl. Director, Monitoring Cell, Ministry of Environment, Forest and Climate Change, Indira Paryavaran Bhawan, Jor Bagh Road, New Delhi
8. District Collector, Udham Singh Nagar District, State of Uttarakhand.
9. Guard File/Monitoring File/Website/Record File/ Parivesh Portal



— **(Dr. R. B. Lal)**
Scientist 'E'/Additional Director
Tel: 011-20819346
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Action plan as per MoEF&CC O.M. dated 30/09/2020

S. No	Activities	Physical Targets	Year of Implementation (Budget in INR)		Total Expenditure (Rs.)
			1 st Year	2 nd Year	
1	Installation of 150 LPM Medical Oxygen Generation Plant at Kashipur, District Udham Singh Nagar, Uttarakhand	Land Development for installing Oxygen Generation Plant at Kashipur	7,00,000	--	42,00,000
		Installation and operation of Medical Oxygen Plant	--	35,00,000	
2	Installation of Hand pumps at Kundeshwara and Hempur Ismile villages, District Udham Singh Nagar, Uttarakhand	Installation of two handpumps along with platform at Kundeshwara village	50,000	--	1,00,000
		Installation of two handpumps along with platform at Hempur Ismile village	--	50,000	
Grand Total in Rs.			7,50,000	35,50,000	43,00,000



Signature Not Verified
 Digitally signed by Dr. R. B. Lal
 Scientist E
 Date: 7/1/2022 5:15:27 PM