



BUILDING A SUSTAINABLE
TOMORROW

Nov.29, 2024

To

The Additional Director

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

(Mail ids.: ecompliance-nro@gov.in and ronz.chd-mef@nic.in)

Subject: Submission of six monthly report for period ending 30.09.2024 for the Steel Manufacturing Unit namely "Madhav KRG HRC Pvt Ltd." located at Village Akalgarh & Bhagwanpura, Tehsil Nabha & Amloh, Distt. Patiala & Fatehgarh Sahib, Punjab.

Dear Sir,

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

Kindly acknowledge the receipt of the same.

Thanking you.

Sincerely,

For M/s Madhav KRG HRC Pvt. Ltd.

(Authorized Signatory)

CC to:

1. **Member Secretary**, SEIAA Punjab, Directorate of Environment and Climate Change, C/o Punjab State Council for Science & Technology, MGSIPA Complex, Sector 26, Chandigarh-160019 (Upload on Parivesh Portal and through e-mail seiaapb2017@gmail.com)
2. **Environmental Engineer**, Punjab Pollution Control Board, Regional Office, RIMT Management College, Mandi Gobindgarh, Distt. Fatehgarh Sahib, Punjab (mail id: eerofgs@gmail.com)



Madhav KRG HRC Private Limited

Regd. Office: 1002, 10th Floor, Aggarwal Millenium, Tower-1,
Netaji Subhash Place, Pitampura, North West, Delhi-110058

Works: Vill. Akalgarh, Amloh-Bhadson Road,
Near Toll Plaza, Dist. Patiala-147203

Phone: +91- 1765-500075 *E-mail:* info@madhavkrsgroup.com

**Half Yearly Compliance Report
2024
01 Dec(01 Apr - 30 Sep)**

Acknowledgement

Proposal Name	MADHAV KRG HRC PRIVATE LIMITED ,Proposed Steel Manufacturing Unit At Village Akalgarh and Bhagwanpura,Amloh-Bhadson Road,Near Toll Plaza,Tehsil Nabha and Amloh,District Patiala and Fatehgarh Sahib,Punjab		
Name of Entity / Corporate Office	MADHAV KRG HRC PRIVATE LIMITED		
Village(s)	N/A		
District	PATIALA		
Proposal No.	EC22B008PB110661	Category	Industrial Projects - 1
Plot / Survey / Khasra No.	N/A	Sub-District	N/A
State	PUNJAB	Entity's PAN	*****2481R
MoEF File No.	SEIAA/PB/IND/2022/EC/05	Entity name as per PAN	MADHAV KRG HRC PRIVATE LIMITED

Compliance Reporting Details

Reporting Year 2024
Remarks (if any)
Reporting Period 01 Dec(01 Apr - 30 Sep)

Details of Production and Project Area

Name of Entity / Corporate Office MADHAV KRG HRC PRIVATE LIMITED

	Project Area as per EC Granted	Actual Project Area in Possession
Private	27.07	27.07
Revenue Land	0	0
Forest	0	0
Others	0	0
Total	27.07	27.07

Production Capacity

Sr. no	Product Name	units	Valid Upto	Capacity	Production last year	Capacity as per CTO
1	Hot Rolled Coil	Tons per Annum (TPA)	30/06/2024	750000	00	500000

Conditions

Specific Conditions

Sr.No.	Condition Type	Condition Details
1	MISCELLANEOUS	The industry shall submit the approved building plan for the total land area of 27.07 acres within six months.
PPs Submission: Agreed to Comply Agreed		Date: 20/11/2024
2	MISCELLANEOUS	The project proponent shall construct causeways on the Katcha Road in front of the agricultural land of the complainant for passing the peak flow of rainwater under the guidance of the Drainage Department. The entire cost of constructing these causeways shall be borne by the industry.
PPs Submission: Agreed to Comply Project Proponent is ready to construct causeway but for this It need consent in writing of both the parties. It is our humble submission that either drainage department come forward to construct this causeway. We undertake to bear all kind of cost (material plus labour) for the same OR drainage department arrange to provide us written consent of both parties and also supervise the work during construction.		Date: 22/11/2024
3	MISCELLANEOUS	Drainage Department will keep strict vigil during the monsoon season for any obstruction to rainwater flow resulting in damage to the crops of the complainants and take necessary action under the provision of the Canal and Drainage Act, 1873.
PPs Submission: Agreed to Comply Agreed		Date: 20/11/2024
4	MISCELLANEOUS	"In case obstruction to the natural flow of water is still reported, the project proponent shall construct a well- designed drain along the boundary wall of the existing industry to discharge the rainwater from the agricultural"
PPs Submission: Complied Project proponent has constructed a well- designed drain along the boundary wall of the existing industry to discharge the rainwater from the agricultural.		Date: 22/11/2024
5	MISCELLANEOUS	As proposed, a Storm water drain shall be constructed all along the road within the project site as per the layout plan submitted by the project proponent. The rainwater will be collected in a storage tank, and subsequently utilized in the project for cooling purposes.
PPs Submission: Complied Storage tanks has been constructed by the proponent.		Date: 22/11/2024
6	MISCELLANEOUS	The project proponent shall utilize the approach road of their adjoining subsidiary unit namely Madhav KRG Ltd. till the time clearance under the Forest Conservation Act, 1980 is obtained.
PPs Submission: Complied Agreed. However, NOC has been obtained ,copy of the same is enclosed as Annexure and Stage-I approval also received from forest department.		Date: 23/11/2024
7	MISCELLANEOUS	The industry shall install an online monitoring system at the inlet as well as at the outlet of each APCD for monitoring SPM.

PPs Submission: Complied Online monitoring system at the inlet as well as at the outlet of each APCD for monitoring SPM has been installed		Date: 23/11/2024
General Conditions		
Sr.No.	Condition Type	Condition Details
1	Statutory compliance	The project proponent shall obtain authorization under the Hazardous and other Waste Management Rules, 2016 as amended from time to time.
PPs Submission: Complied Authorization of the Hazardous waste has been obtained from PPCB as attached annexure .		Date: 21/11/2024
2	Statutory compliance	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 and CC for such types of units.
PPs Submission: Being Complied Company is following with all the siting criteria, standard operating practices, code of practice and guidelines as prescribed by the CPCB/ PPCB/MoEFand CC.		Date: 20/11/2024
3	PUBLIC HEARING	Occupational health surveillance of the workers shall be done on a regular basis and records maintained as per the Factories Act.
PPs Submission: Being Complied Agreed		Date: 22/11/2024
4	Statutory compliance	The project proponent shall obtain clearance from the National Board for Wildlife, if applicable.
PPs Submission: Complied NBWL permission is not required, as the project falls outside of the Eco-sensitive zone of the Bir Bhadson Wildlife Sanctuary. Notification of Bir Bhadson Wildlife Sanctuary mentioning the eco-sensitive zone is enclosed.		Date: 21/11/2024
5	Statutory compliance	The project proponent shall prepare a Site-Specific Conservation Plan and 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)
PPs Submission: Complied Approved Wildlife conservation plan has been obtained; copy of the same is enclosed .		Date: 21/11/2024
6	AIR QUALITY MONITORING AND PRESERVATION	"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 31st March 2012 (applicable to IF/EAF) as amended from time to time; S.O. 3305 (E) dated 7th December 2015"(Thermal Power Plants) as amended from time to time) and connected to SPCB and CPCB online servers and calibrate these system from time to time according to equipment supplier

		specification through labs recognized under Environment (Protection) Act, 1986 or NABL accredited laboratories.
PPs Submission: Being Complied Continuous emission monitoring system has been installed at process stacks to monitor stack emission and connected to SPCB and CPCB online servers and will calibrate these system from time to time according to equipment supplier specification through labs recognized under Environment (Protection) Act, 1986 or NABL accredited laboratories. Latest Report are attached.		Date: 23/11/2024
7	AIR QUALITY MONITORING AND PRESERVATION	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 and CC, Zonal office of CPCB and Regional Office of SPCB along with six monthly monitoring report.
PPs Submission: Agreed to Comply Agreed		Date: 23/11/2024
8	AIR QUALITY MONITORING AND PRESERVATION	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.
PPs Submission: Being Complied Agreed		Date: 23/11/2024
9	AIR QUALITY MONITORING AND PRESERVATION	The project proponent shall provide covered sheds for raw materials like scrap and sponge iron, lump ore, coke, coal, etc.
PPs Submission: Being Complied Scrap is being kept under the covered sheds only.		Date: 23/11/2024
10	Statutory compliance	The project proponent shall comply with the CLU conditions imposed by the Competent Authority, if any.
PPs Submission: Agreed to Comply Company will comply with the CLU conditions imposed by the Competent Authority.		Date: 20/11/2024
11	AIR QUALITY MONITORING AND PRESERVATION	Sufficient number of mobile or stationery vacuum cleaners shall be provided to clean plant roads, shop floors, roofs, regularly.
PPs Submission: Being Complied Sufficient number of mobile or stationery vacuum cleaners have been provided to clean plant roads, shop floors, roofs, regularly and a dedicated housekeeping team is also there for this purpose.		Date: 22/11/2024
12	AIR QUALITY MONITORING AND PRESERVATION	The project proponent shall use leak proof trucks/ dumpers carrying coal and other raw materials and cover them with tarpaulin.
PPs Submission: Being Complied Covered trucks are being used to carry the raw materials i.e. scrap.		Date: 22/11/2024
13	AIR QUALITY MONITORING AND	Appropriate Air Pollution Control (APC) system shall be provided for all the dust generating points including fugitive dust from all

	PRESERVATION	vulnerable sources.
PPs Submission: Complied Dog house suction hood has been provided on Induction Furnaces followed by Pulse Jet Bag Filter as APCD based on the design approved by PSCST Chandigarh. For Fugitive emissions proper exhaust systems has been provided.		Date: 20/11/2024
14	AIR QUALITY MONITORING AND PRESERVATION	The project proponent shall provide leakage detection and mechanized bag cleaning facilities for better maintenance of bags.
PPs Submission: Complied Leakage detection and mechanized bag cleaning facilities have been provided for maintenance of bags.		Date: 20/11/2024
15	AIR QUALITY MONITORING AND PRESERVATION	The project proponent shall provide primary and secondary fume extraction system at all melting furnaces.
PPs Submission: Complied Company has provided well designed dog house to cover all kind of fumes at all melting furnace		Date: 20/11/2024
16	AIR QUALITY MONITORING AND PRESERVATION	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.
PPs Submission: Being Complied APCD dust generated is being given to own subsidiary unit. (Madhav KRG environmental Solutions Pvt. Ltd.) for zinc extraction.		Date: 22/11/2024
17	AIR QUALITY MONITORING AND PRESERVATION	The project proponent shall install a system to carry out Manual Ambient Air Quality monitoring for parameters relevant to the main pollutants released (e.g. PM10 and 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 degree each), covering upwind and downwind directions.
PPs Submission: Complied Ambient air quality monitoring system has been installed at specific locations.		Date: 20/11/2024
18	AIR QUALITY MONITORING AND PRESERVATION	Design the ventilation system for adequate air changes as per ACGIH document for all tunnels, motor houses, Oil Cellars should be ensured..
PPs Submission: Agreed to Comply Agreed		Date: 20/11/2024
19	ENERGY PRESERVATION MEASURES	"The project proponent shall provide solar power generation on rooftops of buildings, for solar light system for all common areas, street lights, parking around project area and maintain the same regularly."
PPs Submission: Agreed to Comply Agreed		Date: 20/11/2024
20	WATER QUALITY	The project proponent shall practice rainwater harvesting to the

	MONITORING AND PRESERVATION	maximum possible extent. For this, rain water harvesting shall be carried out at 4 no. of ponds at village Bhadalthua, Village Badecha, Village Akalgarh and Village Sakrali Mandi Gobindgarh having total recharge potential of volume at 52,8117 m3 to recharge the water at 26,4059 m3/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-NEERIs) divided into different parts, the overflow of each chamber shall be allowed to enter into another chamber which will ultimately lead to the purification of water and collected into the pond to avoid any contamination of ground water aquifer. Pond water will percolate through natural strata (without injection) to augment the ground water and remaining water shall be used for irrigation purposes by pumping method in the nearby fields.
PPs Submission: Being Complied Rain water recharging projects in Village Akalgarh and Sakrali have been completed. under Sant Seechewal Model. Third project in Village Dargapur is in process, based on Enzyme and Constructed wet land technology of 180 KLD capacity. In addition to that facility has also install rooftop rain water harvesting system in Govt. middle school Khanura and Govt. primary school vill. Alipur Distt. Fatehgarh Sahib.		Date: 20/11/2024
21	WATER QUALITY MONITORING AND PRESERVATION	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.
PPs Submission: Being Complied Water consumption will be kept minimum. In addition to this, treated water from installed STP is being reused as process water and onto land for horticulture purposes.		Date: 22/11/2024
22	Noise Monitoring & Prevention	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.
PPs Submission: Being Complied Results of recent test reports are found within the permissible limit. Latest testing reports are attached.		Date: 21/11/2024
23	GREENBELT	"The project proponent shall submit the progress of developing the green belt in the six- monthly compliance report."
PPs Submission: Being Complied Agreed		Date: 25/11/2024
24	Noise Monitoring & Prevention	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.
PPs Submission: Being Complied Monitoring of ambient noise has been done on regular basis by NABL accredited. latest reports are attached.		Date: 21/11/2024
25	GREENBELT	Green belt shall be developed in an area of 36798.86 Sqm (9.09 acres) (equal to 33.5 percent of the plant area) with native tree species in accordance with SEIAA guidelines. Total 5505 tall saplings (minimum 6 feet height) of indigenous species such as Neem, Drek, Kusum, Kadam, Banyan, Peepal, Amaltas, Arjun, Chakarasia etc will be planted.

PPs Submission: Being Complied Agreed. Adequate Green area has been provided.		Date: 22/11/2024
26	GREENBELT	"The project proponent shall plant tall saplings having a height not less than 6 ft. The proponent shall make adequate provision of funds for raising the plantation and subsequent maintenance for three years in the Environment Management Plan."
PPs Submission: Agreed to Comply Agreed		Date: 20/11/2024
27	PUBLIC HEARING	Emergency preparedness plan based on the Hazard identification and Risk Assessment (HIRA) and Disaster Management Plan shall be implemented.
PPs Submission: Complied Emergency preparedness plan has been implemented based on the Hazard identified and Risk Assessment (HIRA) and Disaster Management Plan.		Date: 23/11/2024
28	PUBLIC HEARING	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.
PPs Submission: Being Complied Heat stress analysis is being done for the workers, working in high temperature work zone. Further, Personal Protection equipments (PPE) are also being provided to workers for safety.		Date: 22/11/2024
29	ENERGY PRESERVATION MEASURES	The project proponent shall provide LED lights in their offices and residential areas.
PPs Submission: Being Complied LED lights has been provided in offices and sheds.		Date: 20/11/2024
30	ENERGY PRESERVATION MEASURES	The project proponent shall practice hot charging of slabs and billets/blooms as far as possible.
PPs Submission: Being Complied Agreed		Date: 23/11/2024
31	WASTE MANAGEMENT	Used refractories shall be recycled as far as possible.
PPs Submission: Being Complied Agreed		Date: 23/11/2024
32	WASTE MANAGEMENT	100 percent 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.
PPs Submission: Being Complied Agreed. Slag, generated from the unit is being given to own subsidiary unit M/s Madhav KRG Environmental Solutions Pvt. Ltd. for further processing. M/s Madhav KRG Environmental Solutions Pvt. Ltd provide remanent to cement and brick manufacturers for further utilization. APCD Dust also is also being given to M/s Madhav KRG Environmental Solutions Pvt. Ltd. for further processing		Date: 22/11/2024

33	WASTE MANAGEMENT	"Kitchen waste shall be composted or converted to biogas for further use."
PPs Submission: Agreed to Comply Noted		Date: 20/11/2024
34	GREENBELT	"The Project Proponent shall develop a green belt in 33 percent of the total land area with native tree species (having canopy type structure and especially trees, and not grass) before the completion of the project. The greenbelt shall inter alia cover the entire periphery of the unit. The canopy trees shall also be planted around the parking area to provide shade to the parked vehicles."
PPs Submission: Being Complied AGREED		Date: 22/11/2024
35	MISCELLANEOUS	The Regional Office of this Ministry and Punjab Pollution Control Board (PPCB) 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.
PPs Submission: Agreed to Comply Agreed. Full cooperation will be extended to the officer of the Regional Office and PPCB by furnishing the requisite data/ information/ monitoring reports.		Date: 20/11/2024
36	PUBLIC HEARING	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.
PPs Submission: Complied Although there is no construction work is going on. During constructionnwork, proponent, hired Local labours only.		Date: 22/11/2024
37	MISCELLANEOUS	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.
PPs Submission: Agreed to Comply Advertisement has been published in the newspaper regarding the grant of EC; copy of the advertisement is enclosed as Annexure . Further, Environmental Clearance letter will be uploaded on the Company's website.		Date: 25/11/2024
38	MISCELLANEOUS	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.
PPs Submission: Being Complied Environment data board displayed near main gate.		Date: 20/11/2024

39	MISCELLANEOUS	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.
PPs Submission: Agreed to Comply Agreed		Date: 20/11/2024
40	MISCELLANEOUS	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.
PPs Submission: Complied Copy of Environmental Clearance letter submitted to concerned departments.		Date: 20/11/2024
41	MISCELLANEOUS	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.
PPs Submission: Agreed to Comply Agreed		Date: 20/11/2024
42	MISCELLANEOUS	The project authorities must strictly adhere to the stipulations made by the State Pollution Control Board and the State Government.
PPs Submission: Agreed to Comply Stipulations made by the Punjab Pollution Control Board and State Government will be strictly followed.		Date: 20/11/2024
43	Corporate Environmental Responsibility	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.
PPs Submission: Being Complied Separate environment management cell has been constituted to deal with Environment related matters.		Date: 22/11/2024
44	MISCELLANEOUS	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.
PPs Submission: Agreed to Comply Six monthly compliance reports of the stipulated environment clearance conditions, including results of monitored data will be uploaded on the Company's website on half-yearly basis.		Date: 20/11/2024
45	Corporate Environmental Responsibility	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 shareholders/ stake holders. The

		copy of the board resolution in this regard shall be submitted to the MoEF and CC as a part of six-monthly report.
PPs Submission: Complied Company having well defined environment policy; copy of the same is enclosed as Annexure		Date: 25/11/2024
46	PUBLIC HEARING	The project proponent shall carry out the activities apart from CER activities and spent an amount as committed during the public hearing as per the public hearing action plan.
PPs Submission: Agreed to Comply The activities committed during public hearing will be undertaken.		Date: 20/11/2024
47	PUBLIC HEARING	The Project Proponent shall submit compliance of the action plan proposed to address the public hearing issues along with the six-monthly compliance report of EC condition on the Parivesh portal.
PPs Submission: Agreed to Comply Agreed		Date: 20/11/2024
48	MISCELLANEOUS	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.
PPs Submission: Agreed to Comply Environment statement of every financial year in Form-V will be submitted to RO, PPCB.		Date: 20/11/2024
49	MISCELLANEOUS	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.
PPs Submission: Agreed to Comply Agreed		Date: 20/11/2024
50	MISCELLANEOUS	"No further expansion or modifications in the project shall be carried out other than those permitted in this EC without prior approval of SEIAA. In case of deviation or alterations in the project proposal from those submitted to the Ministry/SEIAA for clearance, a fresh reference shall be made to the Ministry/SEIAA, as applicable, to assess the adequacy of conditions imposed and to add additional"
PPs Submission: Agreed to Comply Agreed. If any changes or further expansion will be done, then fresh application will be submitted to SEIAA, Punjab.		Date: 20/11/2024
51	WATER QUALITY MONITORING AND PRESERVATION	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.
PPs Submission: Being Complied Monitoring of ground water is being done on half yearly basis by NABL accredited laboratory.		Date: 23/11/2024

52	Statutory compliance	The project proponent shall obtain the necessary permission from the Central Ground Water Authority, in case of drawl of ground water from the competent authority concerned in case of drawl of surface water required for the project. In case of non- grant of permission by CGWA for ground water abstraction, the industry shall make alternative arrangements by using surface water or treated city sewage effluent after obtaining permission from competent authority
PPs Submission: Complied permission has been obtained from Punjab Ground Water Regulation and Development Authority (PWRDA)		Date: 21/11/2024
53	WATER QUALITY MONITORING AND PRESERVATION	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.
PPs Submission: Complied Proper drainage system has been provided within the project premises to collect the run-off.		Date: 21/11/2024
54	Statutory compliance	The project proponent shall obtain Consent to Establish/ Operate under the provisions of Air (Prevention and Control of Pollution) act, 1981 and the water (Prevention control of Pollution) Act, 1974 from the concerned state pollution control board.
PPs Submission: Complied Obtained Consent to Operate Obtained from PPCB, No. CTOA/Renewal/FGS/2024/25844534 dated: 01.10.2024, CTOW/Renewal/FGS/2024/26085779 dated 01.10.2024		Date: 23/11/2024
55	Statutory compliance	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.
PPs Submission: Complied Forest clearance under the provisions of Forest (Conservation) Act, 1986, obtained		Date: 23/11/2024
56	WASTE MANAGEMENT	The waste oil, grease and other hazardous waste shall be disposed of as per the Hazardous and Other waste (Management and Transboundary Movement) Rules, 2016.
PPs Submission: Agreed to Comply Hazardous waste will be generated in the form of used Oil and APCD Dust. APCD dust will be given to own subsidiary unit M/s Madhav KRG Environmental Pvt. Ltd. for zinc extraction. Used oil will be given to authorized vendor.		Date: 23/11/2024
57	ENERGY PRESERVATION MEASURES	"The project proponent shall practice hot charging of slabs and billets/blooms as far as possible."
PPs Submission: Being Complied Agreed		Date: 23/11/2024
58	Corporate Environmental Responsibility	An action plan for implementing EMP and environmental conditions along with the responsibility matrix of the company shall be prepared and shall be duly approved by the competent authority. The year-wise funds earmarked for environmental protection measures shall be kept in a separate account and will not be diverted for any other purpose. The project proponent shall spend a minimum amount of Rs 1337 Lakhs towards the capital cost and Rs 69 Lakhs/annum towards recurring costs including the environmental

		<p>monitoring cost for the implementation of EMP as proposed in the EMP plan as under: Sr. Environmental Capital Recurring No. Protection Measures Cost (Rs. Cost (Rs. in lakhs) in LPA) 1. Air Pollution Control 853 2.5 (Installation of APCD and continuous emission monitoring system) 2. Water Pollution Control 150 2 (STP of capacity 90KLD) 3. Noise Pollution Control 5 2 (Provision of acoustic enclosure for DG sets) 4. Green belt development 55 55 (for 3 by planting of 5950 tall years) plants of indigenous tree species 5. Solid Waste 3 0.5 Management 6. Environment 3 5 Monitoring and Management 7. Health, Safety and Risk 5 1 Assessment (PPE kit for workers) 8. Rain water harvesting 8 0.5 system 9. CER Activities 250 - 10. Miscellaneous 5 0.5 Total Rs. 1,337 Rs. 69 lakhs lakhs Note: Detail of CER Activities given as under: Sr. Activities Annual Timeline Total No. Expenditure (5 Years Expenditure from the start of project) 1. Rainwater Harvesting Adoption of Rs. 36 lakhs 5 years Rs. 180 four (4) ponds; (i.e Rs. 9 lakhs out of which 2 lakhs per ponds are pond) located in Village Bhadalhuha and Badecha of Nabha Block and the other 2 ponds are located in Village Akalgarh and Sakrali of Block Amloh for rainwater harvesting and maintenance of ponds as per measures given below: i) Nano Bubble technology to treat wastewater discharge into the pond ii) Tree plantation of 6 ft. size around the pond iii) Removal of solid waste, sludge, and silt from the pond iv) Landscaping around the pond" "Village Akalgarh and Sakrali of Block Amloh for rainwater harvesting and maintenance of ponds as per measures given below: i) Nano Bubble technology to treat wastewater discharge into the pond ii) Tree plantation of 6 ft. size around the pond iii) Removal of solid waste, sludge, and silt from the pond iv) Landscaping around the pond" 2. Issues raised during public hearing: i. Rainwater Harvesting "Adoption of the pond located in Village Bhamarsi Jher of Sirhind Block based on Seechewal model for rainwater harvesting and maintenance of ponds as per measures given below: i) Nano Bubble technology to treat wastewater" Rs. 6 lakhs 5 years "Rs. 30 lakhsa" "discharge into the pond ii) Tree plantation of 6 ft. size around the pond iii) Removal of solid waste, sludge, and silt from the pond iv) Landscaping around the pond" ii. Plantation Planation drives in nearby Villages Rs. 2 lakhs 5 years Rs. 10 lakhs ii. Education "i) Providing uniforms, books, etc. to needy students and repairing of Primary School building located in Village Chehal. ii) Providing uniforms, books, etc. to needy students of the nearby villages" "Rs. 4 lakhs Rs. 2 lakhs" "5 years 5 years" "Rs. 20 lakhs Rs. 10 lakhs Total Rs. 50 lakhs - Rs. 250 lakhs The entire cost of the environmental management plan will continue to be borne by the project proponent throughout the life of the Project. Year-wise progress of implementation of the action plan shall be reported to the Ministry/Regional Office along with the Six-monthly Compliance Reports. iv Self-environmental audit shall be conducted annually. Every three years third party environmental audit shall be carried out. v. All the recommendations made in the Charter on Corporate Responsibility for Environment Protection (CREP) for the plants shall be implemented.</p>
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PPs Submission: Being Complied
Facility has spent a sum of Rs. 09,30,000/- on CER activities till 30.09.2024 and on EPM a sum of RS.73,12,769. Pls. see attached annexure

Date:
30/11/2024

Visit Remarks

Last Site Visit Report Date:

N/A

Additional Remarks:	
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Note: This acknowledgement is as per the details submitted by project proponent. In no way is this document to be considered as conclusion on any action on the compliance of the project. This is strictly for the project proponent's reference purpose.

ENVIRONMENTAL
CLEARANCE

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

To,

The Director

MADHAV KRG HRC PVT. LTD.

Village Akalgarh and Bhagwanpura, Amlah-Bhadson Road, Near Toll Plaza, Tehsil Nabha and Amlah, Distt. Patiala and Fatehgarh Sahib, Punjab -147203

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

Sir/Madam,

This is in reference to your application for Environmental Clearance (EC) in respect of project submitted to the SEIAA vide proposal number SIA/PB/IND/61014/2021 dated 21 Feb 2022. The particulars of the environmental clearance granted to the project are as below.

- | | |
|--|--|
| 1. EC Identification No. | EC22B008PB110661 |
| 2. File No. | SEIAA/PB/IND/2022/EC/05 |
| 3. Project Type | New |
| 4. Category | B1 |
| 5. Project/Activity including Schedule No. | 3(a) Metallurgical industries (ferrous & non ferrous) |
| 6. Name of Project | M/s Madhav KRG HRC Pvt. Ltd. (MKHPL) proposed Steel Manufacturing Unit at Village Akalgarh & Bhagwanpura, Amlah-Bhadson Road, Near Toll Plaza, Tehsil Nabha & Amlah, Distt. Patiala & Fatehgarh Sahib, Punjab. |
| 7. Name of Company/Organization | MADHAV KRG HRC PVT. LTD. |
| 8. Location of Project | Punjab |
| 9. TOR Date | 20 May 2021 |

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

Date: 03/07/2022

(e-signed)
Kamal Kumar Garg, PCS
Member Secretary
SEIAA - (Punjab)

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

This is a computer generated cover page.

PARIVESH

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



This has reference to your online proposal no. SIA/PB/IND/61014/2021 dated 21.02.2022 for environmental clearance to the above-mentioned project.

2) State Environment Impact Assessment Authority (SEIAA), Punjab has examined the proposal for the establishment of the steel manufacturing unit "M/s Madhav KRG HRC Pvt. Ltd." for the production capacity of 7,50,000 TPA of Hot Rolled Coil (HRC) by the installation of 3 IF's of capacity 50 TPH each, Rolling mill (1 No.) and Reheating Furnace of 150 TPH capacity (1 No.) at Village Akalgarh & Bhagwanpura, Amloh-Bhadson Road, Near Toll Plaza, Tehsil Nabha & Amloh, Distt. Patiala & Fatehgarh Sahib, Punjab. The project is covered under Schedule 3(a) & Category 'B1' as per EIA Notification, dated 14.09.2006 and its subsequent amendments and requires appraisal at the State level.

3) State Environment Impact Assessment Authority (SEIAA), Punjab had granted Terms of Reference (TOR) vide letter no. SEIAA/MS/2021/4160 dated 20.05.2021 to the project proponent. Punjab Pollution Control Board conducted the public hearing for the project on 24.09.2021 for both the Districts.

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

5) As per the report of the Punjab Pollution Control Board vide letter no. 343 dated 03.02.2022, no construction activity has started with respect to proposed project except securing the land.

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

Sr. No.	Item No.	Details		
1.	Nature & location of Project	M/s Madhav KRG HRC Pvt. Ltd. Village Akalgarh & Bhagwanpura, Amloh-Bhadson Road, Near Toll Plaza, Tehsil Nabha & Amloh, Distt. Patiala & Fatehgarh Sahib,		
2.	Latitude & Longitude	Corner	Latitude	Longitude
		A	30°33'40.67"N	76°14'12.02"E
		B	30°33'40.67"N	76°14'15.71"E
		C	30°33'42.19"N	76°14'15.65"E
		D	30°33'42.34"N	76°14'17.20"E
		E	30°33'43.44"N	76°14'17.39"E
		F	30°33'43.92"N	76°14'20.57"E

		G	30°33'42.36"N and	76°14'20.72"E																					
		H	30°33'42.21"N and	76°14'24.11"E																					
		I	30°33'41.35"N and	76°14'24.16"E																					
		J	30°33'41.15"N and	76°14'29.49"E																					
		K	30°33'33.96"N and	76°14'29.33"E																					
		L	30°33'33.98"N and	76°14'27.07"E																					
		M	30°33'34.15"N and	76°14'27.08"E																					
		N	30°33'34.16"N and	76°14'20.60"E																					
		O	30°33'33.86"N and	76°14'20.48"E																					
		P	30°33'33.83"N and	76°14'20.16"E																					
		Q	30°33'34.12"N and	76°14'20.06"E																					
		R	30°33'33.99"N and	76°14'12.83"E																					
3.	Project/ activity covered	Schedule: 3(a): Metallurgical Industries (ferrous & non-ferrous); Category: B-1																							
4.	Classification/ landuse pattern as per Master Plan	The industry is located outside the industrial zone as per the Master Plan of Mandi Gobindgarh. In this regard, the Project Proponent informed that the application for Change of Land Use has been submitted to the Competent Authority and the permission is yet awaited.																							
5.	Cost of the project	Rs. 410.57 Crores																							
6.	Working days	350 days																							
7.	Plot area details	1,09,548.4 sq.m (27.07 acres)																							
8.	Area break-up details	The area breakup details are given below: <table><tr><td>Sr. No.</td><td>Particulars</td><td>Area in sqm</td></tr><tr><td>1.</td><td>Proposed Shed areas</td><td>35,188.26</td></tr><tr><td>2.</td><td>Green Area</td><td>36,798.86</td></tr><tr><td>3.</td><td>Road Area</td><td>22,017</td></tr><tr><td>4.</td><td>Non-construction zone</td><td>6,169.13</td></tr><tr><td>5.</td><td>Other utility areas</td><td>9,375.15</td></tr><tr><td colspan="2">Total</td><td>1,09,548.4 (27.07 acres)</td></tr></table>			Sr. No.	Particulars	Area in sqm	1.	Proposed Shed areas	35,188.26	2.	Green Area	36,798.86	3.	Road Area	22,017	4.	Non-construction zone	6,169.13	5.	Other utility areas	9,375.15	Total		1,09,548.4 (27.07 acres)
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9.	Raw materials details	<table><tr><td>S. No.</td><td>Raw Materials</td><td>Quantity</td></tr><tr><td>1.</td><td>Scrap</td><td>6,55,200 TPA</td></tr><tr><td>2.</td><td>DRI (Direct Reduced Iron)</td><td>1,63,800 TPA</td></tr></table>			S. No.	Raw Materials	Quantity	1.	Scrap	6,55,200 TPA	2.	DRI (Direct Reduced Iron)	1,63,800 TPA												
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10.	Production capacity details	Sr. No.	Product Name	Quantity	
		1.	Hot Rolled Coil (HRC)	7,50,000 TPA	
11.	Details of major productive machinery/ plant	Sr. No.	Machinery	Quantity	
		1.	Induction Furnaces	3 × 50 TPH	
		2.	Ladle Refining Furnace	1 × 55 T	
		3.	Rolling Mill	1	
		4.	Reheating Furnace	1× 150 TPH	
12.	Details of the technology proposed for control of emissions & effluents generated from the project				
	Sr. No.	Source of emission	Capacity	Technology to be adopted	
	1.	Induction Furnace	3 x 50 TPH	Dog House Suction Hood followed by cyclone and bag filter of capacity 3,00,000 Nm ³ /hr. each	
	2.	LRF with VD	1 × 55 T	Individual bag house filter of Capacity 50,000 Nm ³ /hr.	
	3.	Reheating Furnace	150 TPH	Stack of adequate height	
	4.	D.G. Set	3 × 500 kVA & 1 × 250 kVA	Stack of adequate height attached with canopy	
	5.	STP	90 KLD	MBBR technology	
	6.	Material Handling Area	-	Dust Suppression System and Paved roads.	
13.	Manpower Requirement	1,122 persons			
14.	Break-up of Water Requirements & its source in Operation Phase	Total water demand of the project is 964 KLD in summer season and the break-up of the same is given as under:-			
		S. No.	Purpose	Water demand (KLD)	
		1.	Make-up water for cooling demand	672	
		2.	Domestic water demand	90	
		3.	Green area demand i) Summer ii) Winter iii) Monsoon	202 66 18	
15.	Wastewater generation & its disposal Arrangement in Operation Phase	S.No.	Description	Total	Mitigation Measures/ Remarks
		1.	Domestic wastewater	72 KLD	Will be treated in proposed STP of capacity 90 KLD

		2.	Industrial Effluent	Nil	--																				
16.	Hazardous/Non-Hazardous Waste Generation details & their storage, utilization, and disposal.	Hazardous waste: <table><tr><td>S.No.</td><td>Waste category</td><td>Proposed</td><td>Disposal</td></tr><tr><td>1.</td><td>Category 35.1 APCD dust</td><td>6 TPD</td><td>APCD dust will be handed over to a subsidiary unit namely M/s Madhav KRG Environmental Solutions Pvt. Ltd.</td></tr><tr><td>2.</td><td>Category 5.1- Used Oil</td><td>1.4 KLA</td><td>Given to authorized vendor.</td></tr></table> Non-Hazardous waste: <table><tr><td>S.No.</td><td>Waste</td><td>Proposed</td><td>Disposal</td></tr><tr><td>1.</td><td>Slag</td><td>70 TPD</td><td>20% reused for metal recovery & remaining 80% will be given to M/s Madhav KRG Environmental Solutions Pvt. Ltd. for co-processing.</td></tr></table>				S.No.	Waste category	Proposed	Disposal	1.	Category 35.1 APCD dust	6 TPD	APCD dust will be handed over to a subsidiary unit namely M/s Madhav KRG Environmental Solutions Pvt. Ltd.	2.	Category 5.1- Used Oil	1.4 KLA	Given to authorized vendor.	S.No.	Waste	Proposed	Disposal	1.	Slag	70 TPD	20% reused for metal recovery & remaining 80% will be given to M/s Madhav KRG Environmental Solutions Pvt. Ltd. for co-processing.
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17.	Solid Waste generation and its mode of disposal	S. No.	Type of waste	Total	Disposal																				
		1.	Domestic solid waste	224 kg/day	Solid waste will be disposed of as per Solid Waste Management Rules, 2016																				
18.	Energy requirements & savings	Description		Unit	Proposed																				
		Power load		MVA	99																				
		DG set equipped with canopy and adequate stack height		kVA	3 × 500 kVA & 1 × 250 kVA																				
		Energy Saving measures to be adopted: (i) LEDs will be provided in place of CFLs. (ii) Energy-efficient Induction Furnaces and other machinery will be installed.																							

7) As per the information submitted by the project proponent, the application has been filed online vide proposal no. FP/PB/Approach/153259/2022 dated 07.03.2022 for obtaining Forest Clearance. The project site is located outside the 100 m eco-sensitive zone of Bir-Bhadso Wild Life Sanctuary located at 3.5 Km and as such, no NBWL permission is required. Further, no litigation is pending in respect of the land on which the project is to be developed.

8) The SEAC, constituted under the provision of the EIA Notification, 2006 and comprising of Experts Members/domain experts in various fields, has examined the proposal submitted by the project proponent in the desired form along with the EMP report prepared and submitted by the Consultant accredited by the QCI/NABET on behalf of the project proponent & replies to its observations in its 215th & 217th meeting held on 23.02.2022 & 28.03.2022 respectively. The SEAC noted that the project proponent has given an undertaking that the data and information given in the application and enclosures are true to the best of his knowledge and belief and no information has been suppressed in the report. If any part of the data/information submitted is found to be false/misleading at any stage, the project may be rejected and Environmental Clearance given, if any, may be revoked at the risk and cost of the project proponent.

9) The Committee noted that the project proponent has provided adequate and satisfactory clarifications to the observations raised by it. Therefore, the Committee decided to forward the case to the SEIAA with the recommendation to grant Environmental Clearance for the establishment of the Steel Manufacturing Unit namely "M/s Madhav KRG HRC Pvt. Ltd." for the production capacity of 7,50,000 TPA of Hot Rolled Coil (HRC) by the installation of 3 IF's of capacity 50 TPH each, Rolling mill (1 No.) and Reheating Furnace of 150 TPH capacity (1 No.) at Village Akalgarh & Bhagwanpura, Amloh-Bhadson Road, Near Toll Plaza, Tehsil Nabha & Amloh, Distt. Patiala & Fatehgarh Sahib, Punjab, as per the details mentioned in the application proposal & subsequent presentation /clarifications made by the project proponent and his consultant.

10) The case was considered by the SEIAA in its 204th and lastly, 207th meetings held on 12.04.2022 & 15.06.2022 respectively wherein SEIAA observed that the case stands recommended by SEAC. The Authority examined and appraised the environmental impacts and other aspects of the project proposal in detail as deliberated upon and recorded in the proceedings of its 207th meeting held on 15.06.2022 and was satisfied with the same. Therefore, the Authority decided to grant the Environmental Clearance for the establishment of the proposed Steel Manufacturing Unit "M/s Madhav KRG HRC Pvt. Ltd." for the production capacity of 7,50,000 TPA of Hot Rolled Coil (HRC) by the installation of 3 IF's of capacity 50 TPH each, Rolling mill (1 No.) and Reheating Furnace of 150 TPH capacity (1 No.) at Village Akalgarh & Bhagwanpura, Amloh-Bhadson Road, Near Toll Plaza, Tehsil Nabha & Amloh, Distt. Patiala & Fatehgarh Sahib, Punjab as per the details mentioned in Form 2, EIA report and subsequent presentation /clarifications made by the project proponent and his consultant with proposed measures, conditions as proposed by SEAC in addition to the proposed measures.

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

I. Statutory compliance:

- i. The project proponent shall obtain forest clearance under the provisions of the Forest (Conservation) Act, 1986, in case of the diversion of forest land for non-forest purposes involved in the project.
- ii. The project proponent shall obtain clearance from the National Board for Wildlife, if applicable.
- iii. The project proponent shall prepare a Site-Specific Conservation Plan & Wildlife Management Plan and approved by the Chief Wildlife Warden. The recommendations of the approved Site-Specific Conservation Plan/ Wildlife Management Plan shall be implemented in consultation with the State Forest Department. The implementation report shall be furnished along with the six-monthly compliance report. (in case of the presence of Schedule-I species in the study area)
- iv. The project proponent shall obtain Consent to Establish/ Operate under the provisions of the Air (Prevention & Control of Pollution) Act, 1981 and the Water (Prevention & Control of Pollution) Act, 1974 from the concerned Punjab Pollution Control Board.
- v. The project proponent shall obtain the necessary permission from the Central Ground Water Authority/competent authority concerned, in case of drawl of groundwater and also in case of drawl of surface water required for the project. In case of non-grant of permission by CGWA for groundwater abstraction, the industry shall make alternative arrangements by using surface water or treated city sewage effluent after obtaining permission from the competent authority.
- vi. The project proponent shall obtain authorization under the Hazardous and other Waste Management Rules, 2016 as amended from time to time.
- vii. The project proponent shall comply with the siting criteria, standard operating practices, code of practice, and guidelines if any prescribed by the SPCB/CPCB/MoEF&CC for such types of units.
- viii. The project proponent shall comply with the CLU conditions imposed by the Competent Authority, if any.

II. Air quality monitoring and preservation

- i. The project proponent shall install 24x7 continuous emission monitoring system at the inlet as well as at the outlet (stack) of each APCD to monitor the SPM concentration with respect to standards prescribed in Environment (Protection) Rules 1986 vide G.S.R 277 (E) dated 31st March 2012 (applicable to IF/EAF) as amended from time to time; S.O. 3305 (E) dated 7th December 2015 (Thermal Power Plants) as amended from time to time) and connected to SPCB and CPCB online servers and calibrate these systems from time to time according to equipment supplier specifications through labs recognized under Environment (Protection) Act, 1986 or NABL accredited laboratories.

- ii. The project proponent shall monitor fugitive emissions in the plant premises at least once every quarter through laboratories recognized under Environment (Protection) Act, 1986 or NABL accredited laboratories.
- iii. The project proponent shall install a system to carry out Manual Ambient Air Quality monitoring for parameters relevant to the main pollutants released (e.g. PM₁₀ and PM_{2.5} in reference to PM emission, and SO₂ and NO_x in reference to SO₂ and NO_x emissions) within and outside the plant area (at least at four locations one within and three outside the plant area at an angle of 120° each), covering upwind and downwind directions.
- iv. The project proponent shall submit a monthly summary report of continuous stack emission and air quality monitoring and results of manual stack monitoring and manual monitoring of air quality/ fugitive emissions to the Regional Office of MoEF&CC, Zonal office of CPCB, and Regional Office of SPCB along with six-monthly monitoring report.
- v. Appropriate Air Pollution Control (APC) system shall be provided for all the dust-generating points including fugitive dust from all vulnerable sources.
- vi. The project proponent shall provide leakage detection and mechanized bag cleaning facilities for better maintenance of bags.
- vii. Sufficient number of mobile or stationary vacuum cleaners shall be provided to clean plant roads, shop floors, roofs, etc. regularly.
- viii. Recycle and reuse of iron ore fines, coal and coke fines, lime fines, and such other fines collected in the pollution control devices and vacuum cleaning devices in the process after briquetting/ agglomeration should be ensured.
- ix. The project proponent shall use leak-proof trucks/dumpers carrying coal and other raw materials and cover them with tarpaulin.
- x. The project proponent shall provide covered sheds for raw materials like scrap and sponge iron, lump ore, coke, coal, etc.
- xi. The project proponent shall provide primary and secondary fume extraction systems at all melting furnaces.
- xii. Design and implementation of the ventilation system for adequate air changes as per the ACGIH document for all tunnels, motor houses, and Oil Cellars should be ensured.

III. Water quality monitoring and preservation

- i. The project proponent shall monitor regularly groundwater quality at least twice a year (pre and post-monsoon) at sufficient numbers of piezometers/ sampling wells in the plant and adjacent areas through labs recognized under Environment (Protection) Act, 1986 and NABL accredited laboratories.
- ii. Garland drains and collection pits shall be provided for each stockpile to arrest the run-off in the event of heavy rains and to check the water pollution due to surface runoff.
- iii. The project proponent shall practice rainwater harvesting to the maximum possible extent. For this, rain water harvesting shall be carried out at 4 no. of ponds at village Bhadalhua, Village Badecha, Village Akalgarh & Village Sakrali Mandi Gobindgarh having

total recharge potential of volume @ 52,8117 m³ to recharge the water @ 26,4059 m³/annum. As an additional safety measure, the stream carrying waste water of the village shall be diverted in one corner of Phytoid plants trench (designed based on the technology developed by CSIR-NEERI's) divided into different parts, the overflow of each chamber shall be allowed to enter into another chamber which will ultimately lead to the purification of water and collected into the pond to avoid any contamination of ground water aquifer. Pond water will percolate through natural strata (without injection) to augment the ground water and remaining water shall be used for irrigation purposes by pumping method in the nearby fields.

- iv. The project proponent shall make efforts to minimize water consumption in the steel plant complex by segregation of used water, practicing cascade use, and recycling treated water.

IV. Noise monitoring and prevention

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

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, a solar light system for all common areas, street lights, parking around the project area, and maintain the same regularly.
- iii. The project proponent shall provide LED lights in their offices and residential areas.
- iv. The Project Proponent shall practice hot charging of slabs and billets/blooms as far as possible.

VI. Waste management

- i. Used refractories shall be recycled as far as possible.
- ii. 100% utilization of fly ash shall be ensured. All the fly ash shall be provided to cement and brick manufacturers for further utilization and a Memorandum of Understanding in this regard shall be submitted to the Ministry's Regional Office.
- iii. The waste oil, grease, and other hazardous waste shall be disposed of as per the Hazardous & Other waste (Management & Transboundary Movement) Rules, 2016.
- iv. Kitchen waste shall be composted or converted to compost or biogas for further use.

VII. Green Belt

- i. "Green belt" shall be developed in an area of 36798.86 Sqm (9.09 acres) (equal to 33.5% of the plant area) with native tree species in accordance with SEIAA guidelines. Total 5505

tall saplings (minimum 6 feet height) of indigenous species such as Neem, Drek, Kusum, Kadam, Banyan, Peepal, Amaltas, Arjun, Chakarasia etc will be planted.

- ii. The Project Proponent shall develop a green belt in 33% of the total land area with native tree species (having canopy type structure and especially trees, and not grass) before the completion of the project. The greenbelt shall inter alia cover the entire periphery of the unit. The canopy trees shall also be planted around the parking area to provide shade to the parked vehicles.
- iii. The project proponent shall plant tall saplings having a height not less than 6 ft. The proponent shall make adequate provision of funds for raising the plantation and subsequent maintenance for three years in the Environment Management Plan.
- iv. The project proponent shall submit the progress of developing the green belt in the six-monthly compliance report.

VIII. Public hearing and Human health issues

- i. An 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 the high-temperature work zone and provide Personal Protection Equipment (PPE) as per the norms of the Factory Act.
- iii. Provision shall be made for the housing of construction labour within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, mobile STP, safe drinking water, medical health care, crèche, 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 regularly and records maintained as per the Factories Act.
- v. The project proponent shall carry out the activities apart from CER activities and spent an amount as committed during the public hearing as per the public hearing action plan.
- vi. The Project Proponent shall submit compliance of the action plan proposed to address the public hearing issues along with the six-monthly compliance report of EC condition on the Parivesh portal.

IX. Environment Management Plan

- i. The company shall have a well-laid down environmental policy duly approved by the Board of Directors. The environmental policy should prescribe standard operating procedures to have proper checks and balances and to bring into focus any infringements/ deviation/ violations of the environmental/ forest/ wildlife norms/ conditions. The company shall have defined system of reporting infringements/ deviation/ violation of the environmental/ forest/ wildlife norms/ conditions to all/ or shareholders/ stakeholders. A copy of the board resolution in this regard shall be submitted to the MoEF&CC as a part of the six-monthly report.
- ii. A separate Environmental Cell both at the project and company headquarters level, with qualified personnel, shall be set up under the control of the Senior Executive, who will directly report to the head of the organization.

- iii. An action plan for implementing EMP and environmental conditions along with the responsibility matrix of the company shall be prepared and shall be duly approved by the competent authority. The year-wise funds earmarked for environmental protection measures shall be kept in a separate account and will not be diverted for any other purpose. The project proponent shall spend a minimum amount of Rs 1337 Lakhs towards the capital cost and Rs 69 Lakhs/annum towards recurring costs including the environmental monitoring cost for the implementation of EMP as proposed in the EMP plan as under:

Sr. No.	Environmental Protection Measures	Capital Cost (Rs. in lakhs)	Recurring Cost (Rs. in LPA)
1.	Air Pollution Control (Installation of APCD and continuous emission monitoring system)	853	2.5
2.	Water Pollution Control (STP of capacity 90 KLD)	150	2
3.	Noise Pollution Control (Provision of acoustic enclose for DG sets)	5	2
4.	Green belt development by planting of 5950 tall plants of indigenous tree species	55	55 (for 3 years)
5.	Solid Waste Management	3	0.5
6.	Environment Monitoring & Management	3	5
7.	Health, Safety & Risk Assessment (PPE kit for workers)	5	1
8.	Rain water harvesting system	8	0.5
9.	CER activities*	250	-
10.	Miscellaneous	5	0.5
Total		Rs. 1,337 lakhs	Rs. 69 lakhs

***Note:** Detail of CER Activities given as under:

Sr. No.	Activities	Annual Expenditure	Timeline (5 years from the start of the project)	Total Expenditure
1.	<u>Rainwater Harvesting</u> Adoption of four (4) ponds; out of which 2 ponds are located in Village Bhadalthuha and Badecha of Nabha Block and the other 2 ponds are located in Village Akalgarh & Sakrali of Block Amloh for rainwater harvesting and maintenance of	Rs. 36 lakhs (i.e. Rs. 9 lakhs per pond)	5 years	Rs. 180 lakhs

	<p>ponds as per measures given below:</p> <p>i) Nano-Bubble technology to treat wastewater discharge into the pond</p> <p>ii) Tree plantation of 6 ft. size around the pond</p> <p>iii) Removal of solid waste, sludge, and silt from the pond</p> <p>iv) Landscaping around the pond</p>			
2.	Issues raised during public hearing:			
i.	<p><u>Rainwater Harvesting</u></p> <p>Adoption of the pond located in the Village Bhamarsi Jher of Sirhind Block based on Seechewal model for rainwater harvesting and pond maintenance through measures given below:</p> <p>i) Nano-Bubble technology to treat wastewater discharge into the pond</p> <p>ii) Tree plantation of 6 ft. size around the pond</p> <p>iii) Removal of solid waste, sludge, and silt from the pond</p> <p>iv) Landscaping around the pond</p>	Rs. 6 lakhs	5 years	Rs. 30 lakhs
ii.	<p><u>Plantation</u></p> <p>Plantation drives in nearby villages</p>	Rs. 2 lakhs	5 years	Rs. 10 lakhs
iii.	<p><u>Education</u></p> <p>i) Providing uniforms, books, etc. to needy students and repairing of Primary School building located in Village Chehal.</p>	Rs. 4 lakhs	5 years	Rs. 20 lakhs
		Rs. 2 lakhs	5 years	Rs. 10 lakhs

	ii) Providing uniforms, books, etc. to needy students of the nearby villages			
Total		Rs. 50 lakhs	-	Rs. 250 Lakhs

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

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

XI. Validity

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

XII. Miscellaneous

- i) The project proponent shall make public the environmental clearance granted for their project along with the environmental conditions and safeguards at their cost by prominently advertising it at least in two local newspapers of the District or State, of which one shall be in the vernacular language within seven days and in addition, this shall also be displayed in the project proponent's website permanently.
- ii) The copies of the environmental clearance shall be submitted by the project proponents to the Heads of local bodies, Panchayats and Municipal Bodies in addition to the relevant offices of the Government who in turn has to display the same for 30 days from the date of receipt.
- iii) The project proponent shall upload the status of compliance of the stipulated environment clearance conditions, including results of monitored data on their website and update the same on a half-yearly basis.
- iv) The project proponent shall monitor the criteria pollutants level namely; PM₁₀, SO₂, NO_x (ambient levels as well as stack emissions) or critical sectoral parameters, indicated for the projects and display the same at a convenient location for disclosure to the public and put on the website of the company.
- v) The project proponent shall submit six-monthly reports on the status of the compliance of the stipulated environmental conditions on the website of the Ministry of Environment, Forest and Climate Change at the environment clearance portal.
- vi) The project proponent shall submit the environmental statement for each financial year in Form-V to the concerned State Pollution Control Board as prescribed under the

Environment (Protection) Rules, 1986, as amended subsequently and put on the website of the company.

- vii) The project proponent shall inform the Regional Office of the Ministry and PPCB, the date of financial closure and final approval of the project by the concerned authorities, commencing the land development work and the start of production operation by the project.
- viii) The project authorities must strictly adhere to the stipulations made by the State Pollution Control Board and the State Government.
- ix) The project proponent shall abide by all the commitments and recommendations made in the EIA /EMP report, commitments made during Public Hearing and also that during their presentation to the SEAC and SEIAA.
- x) No further expansion or modifications in the project shall be carried out other than those permitted in this EC without prior approval of SEIAA. In case of deviation or alterations in the project proposal from those submitted to the Ministry/SEIAA for clearance, a fresh reference shall be made to the Ministry/SEIAA, as applicable, to assess the adequacy of conditions imposed and to add additional environmental protection measures required, if any.
- xi) The Regional Office, MoEF&CC, Chandigarh, Punjab Pollution Control Board and SEIAA/ SEAC members nominated for the purpose shall monitor compliance of the stipulated conditions. The project authorities should extend full cooperation to the officer(s) entrusted with this monitoring by furnishing the requisite data/ information/monitoring reports.

XIII. Additional Conditions

- i) The industry shall submit the approved building plan for the total land area of 27.07 acres within six months.
- ii) The industry shall install an online monitoring system at the inlet as well as at the outlet of each APCD for monitoring SPM.
- iii) The project proponent shall utilize the approach road of their adjoining subsidiary unit namely Madhav KRG Ltd. till the time clearance under the Forest Conservation Act, 1980 is obtained.
- iv) The project proponent shall construct causeways on the Katcha Road in front of the agricultural land of the complainant for passing the peak flow of rainwater under the guidance of the Drainage Department. The entire cost of constructing these causeways shall be borne by the industry.
- v) Drainage Department will keep strict vigil during the monsoon season for any obstruction to rainwater flow resulting in damage to the crops of the complainants and take necessary action under the provision of the Canal and Drainage Act, 1873.

- vi) In case obstruction to the natural flow of water is still reported, the project proponent shall construct a well-designed drain along the boundary wall of the existing industry to discharge the rainwater from the agricultural land of the complainant as per the commitment made during the public hearing conducted on 01.03.2011 and pay compensation for the damage of the crops of the complainants as assessed by the Revenue Department.
- vii) As proposed, a Storm water drain shall be constructed all along the road within the project site as per the layout plan submitted by the project proponent. The rainwater will be collected in a storage tank, and subsequently utilized in the project for cooling purposes.
- 11) The SEIAA reserves the right to stipulate additional conditions if found necessary at subsequent stages and the project proponent shall implement all the said conditions in a time-bound manner. SEIAA may revoke or suspend the environmental clearance if the implementation of any of the above conditions is not found to be satisfactory.
- 12) Concealing factual data or submission of false/fabricated data and failure to comply with any of the conditions mentioned above may result in withdrawal of this clearance and attract action under the provisions of the Environment (Protection) Act, 1986.
- 13) Any appeal against this environmental clearance shall lie with the National Green Tribunal, if preferred, within 30 days as prescribed under Section 16 of the National Green Tribunal Act, 2010.
- 14) The above conditions will be enforced, inter-alia under the provisions of the Water (Prevention & Control of Pollution) Act, 1974, the Air (Prevention & Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986, the Hazardous Waste (Management, Handling and Transboundary Movement) Rules, 2016, the Public Liability Insurance Act, 1991 read with subsequent amendments therein and any other orders passed by the Hon'ble Supreme Court of India / High Courts and any other Court of Law relating to the subject matter.
- 15) This issues with the approval of the Competent Authority.

(Sh. Kamal Kumar Garg, PCS)
Member Secretary, SEIAA

Through Parivesh

Copy to: -

1. The Secretary to Govt. of India, Ministry of Environment and Forest, Paryavaran Bhawan, CGO Complex, Lodhi Road, New Delhi
2. The Secretary, Department of Science, Technology & Environment, Government of Punjab, Chandigarh.

3. The Regional Officer, Ministry of Environment, Forest and Climate Change, Integrated Regional Office, Bays No. 24-25, Sector 31-A, Dakshin Marg, Chandigarh-160030. The detail of the authorized Officer of the project proponent is as under:
- a) Name of the applicant : Sh. Sudhir Goyal (Director)
 - b) Mobile No. : 91-84274-10003 and 91151-01607
 - c) Email Id : legal@madhavkrsgroup.com
regulatory@madhavkrsgroup.com
 - d) Email ID of Env. Consultant : md@ecoparyavaran.org
4. The Deputy Commissioner, Fatehgarh Sahib.
5. The Deputy Commissioner, Patiala.
6. The Member Secretary, Central Pollution Control Board, Parivesh Bhawan, East Arjun Nagar, Delhi
7. The Member Secretary, Punjab Pollution Control Board, Vatavaran Bhawan, Nabha Road, Patiala, 147001
8. The Secretary, Punjab Water Regulation and Development Authority, SCO 149-152, Sector 17-C, Chandigarh-160017.
9. The Chief Town Planner, Department of Town & Country Planning, 6th Floor, PUDA Bhawan, Phase-8, Mohali.
10. Monitoring Cell, Ministry of Environment, Forest and Climate Change, Indira Paryavaran Bhawan, Jor Bagh Road, New Delhi-110003
11. Parivesh Portal/Record File.

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

5. पर्यावरण प्रभाव निर्धारण अधिसूचना, 2006 के अधीन आने वाली गतिविधियों की संविक्षा के मामलों का सारांश ।
ब्यौरे एक पृथक् उपाबंध के रूप में उपाबद्ध किए जा सकते हैं ।
6. पर्यावरण प्रभाव निर्धारण अधिसूचना, 2006 के अधीन न आने वाली गतिविधियों की संविक्षा के मामलों का सारांश । ब्यौरे एक पृथक् उपाबंध के रूप में उपाबद्ध किए जा सकते हैं ।
7. पर्यावरण (संरक्षण) अधिनियम, 1986 की धारा 19 के अधीन दर्ज की गई शिकायतों का सारांश ।
8. कोई अन्य महत्वपूर्ण विषय ।

MINISTRY OF ENVIRONMENT, FOREST AND CLIMATE CHANGE

NOTIFICATION

New Delhi, the 21st July, 2016

S.O. 2483(E).— WHEREAS a draft notification was published in the Gazette of India, Extraordinary, *vide* notification of the Government of the India in the Ministry of Environment, Forest and Climate Change number S.O.1394 (E), dated the 20th May, 2015, inviting objections and suggestions from all persons likely to be affected thereby within the period of sixty days from date on which copies of the Gazette containing the said notification were made available to the public;

WHEREAS, the Bir Bhadson Wildlife Sanctuary is the largest protected area situated in the Patiala District of the State of Punjab and spread over an area of 1022.63 hectare and located on left side of Bhadson-Gobindgarh Road;

AND WHEREAS, the protected area as per the forest classification of Champion and Seth, has the forests that fall under sub-group 5(b) of Northern Dry Mixed Deciduous Forest Type comprising of tree species such as Eucalyptus, Mulberry, Shisham, Kikkar, Khair, Dhak, Beri, Jand, Simbal, Jamun, Neem, Toot, Arjun, Kareer, Kahi, Nara, Amb, Khajoor, Karonda and Bamboo etc.;

AND WHEREAS, the area is known to support a variety of animals and birds and the main faunal species are Porcupine, Wild Boar, Blue Bull, Jackal, Jungle Cat, Rhesus Monkey, Peafowl, Black and Grey Partridges, Parakeets and Doves etc.;

AND WHEREAS, it is necessary to conserve and protect the area, the extent and boundaries of which is specified in paragraph 1 of this notification around the protected area of the Bir Bhadson Wildlife Sanctuary as Eco-sensitive Zone from ecological and environmental point of view and to prohibit industries or class of industries and their operations and processes in the said Eco-sensitive Zone;

NOW, THEREFORE, in exercise of the powers conferred by sub-section (1), clause (v) and clause (xiv) of sub-section (2) and sub-section (3) of section 3 of the Environment (Protection) Act, 1986 (29 of 1986) read with sub-rule (3) of rule 5 of the Environment (Protection) Rules, 1986, the Central Government hereby notifies an area to an extent upto 100 metres from the boundary of the Bir Bhadson Wildlife Sanctuary in the State of Punjab as the Bir Bhadson Wildlife Sanctuary Eco-sensitive Zone (hereinafter referred to as the Eco-sensitive Zone) details of which are as under, namely:-

1. **Extent and boundaries of Eco-sensitive Zone.**-(1) The extent of Eco-sensitive Zone is upto 100 meters from the boundary of the Bir Bhadson Wildlife Sanctuary comprising an area of 170 hectares.
- (2) The Eco-sensitive Zone is bounded by 30°30'54.769"N latitude and 76°14'29.364"E longitude towards east (point No.B of Annexure I map); 30°30'11.44"N latitude and 76°10'58.703"E longitude towards west-south (point No.E of Annexure I map); 30°31'54.171"N latitude and 76°14'23.354"E longitude towards north-east (point No.A of Annexure I map) and 30°29'42.05"N latitude and 76°11'10.52"E longitude towards south-west (point No.D of Annexure I map).
- (3) The map of the Eco-sensitive Zone together with its latitudes and longitudes is appended as **Annexure I**.
- (4) The list of 13 villages falling within the Bir Bhadson Wildlife Sanctuary Eco-sensitive Zone alongwith their longitudes and latitudes at prominent points is appended as **Annexure II**.

2. Zonal Master Plan for the Eco-sensitive Zone.-(1) The State Government shall, for the purpose of the Eco-sensitive Zone prepare a Zonal Master Plan, within a period of two years from the date of publication of this notification in the Official Gazette, in consultation with local people and adhering to the stipulations given in this notification.

- (2) The Zonal Master Plan shall be approved by the competent authority in the State Government.
- (3) The Zonal Master Plan for the Eco-sensitive Zone shall be prepared by the State Government in such manner as is specified in this notification and also in consonance with the relevant Central and State laws and the guidelines issued by the Central Government, if any.
- (4) The Zonal Master Plan shall be prepared in consultation with all concerned State Departments, namely:-
 - (i) Environment;
 - (ii) Forest;
 - (iii) Urban Development;
 - (iv) Tourism;
 - (v) Municipal;
 - (vi) Revenue;
 - (vii) Agriculture; and
 - (viii) Punjab State Pollution Control Board,

for integrating environmental and ecological considerations into it.

(5) The Zonal Master Plan shall not impose any restriction on the approved existing land use, infrastructure and activities, unless so specified in this notification and the Zonal Master Plan shall factor in improvement of all infrastructure and activities to be more efficient and eco-friendly.

(6) The Zonal Master Plan shall provide for restoration of denuded areas, conservation of existing water bodies, management of catchment areas, watershed management, groundwater management, soil and moisture conservation, needs of local community and such other aspects of ecology and environment that need attention.

(7) The Zonal Master Plan shall demarcate all the existing worshipping places, village and urban settlements, types and kinds of forests, agricultural areas, fertile lands, green area, such as, parks and like places, horticultural areas, orchards, lakes and other water bodies.

(8) The Zonal Master Plan shall regulate development in Eco-sensitive Zone so as to ensure eco-friendly development and livelihood security of local communities.

3. Measures to be taken by State Government.-The State Government shall take the following measures for giving effect to the provisions of this notification, namely:-

(1) **Land use.**- Forests, horticulture areas, agricultural areas, parks and open spaces earmarked for recreational purposes in the Eco-sensitive Zone shall not be used or converted into areas for commercial or industrial related development activities:

Provided that the conversion of agricultural lands within the Eco-sensitive Zone may be permitted on the recommendation of the Monitoring Committee and with the prior approval of the State Government to meet the residential needs of local residents, and for the activities listed against serial numbers 24, 28, 32 and 37 in column (2) of the table in paragraph 4, namely:-

- (i) small scale industries not causing pollution;
- (ii) eco-friendly cottages for temporary occupation of tourists such as tents, wooden houses, for eco-friendly tourism activities;
- (iii) rainwater harvesting; and
- (iv) cottage industries including village artisans:

Provided further that no use of tribal land shall be permitted for commercial and industrial development activities without the prior approval of the State Government and without compliance of the provisions of article 244 of

the Constitution or the law for the time being in force, including the Scheduled Tribes and other Traditional Forest Dwellers (Recognition of Forest Rights) Act, 2006 (2 of 2007):

Provided also that any error appearing in the land records within the Eco-sensitive Zone shall be corrected by the State Government after obtaining the views of the Monitoring Committee, once in each case and the correction of said error shall be intimated to the Central Government in the Ministry of Environment, Forest and Climate Change:

Provided also that the above correction of error shall not include change of land use in any case except as provided under this sub-paragraph:

Provided also that there shall be no consequential reduction in green area, such as forest area and agricultural area and efforts shall be made to reforest the unused or unproductive agricultural areas.

(2) **Natural springs.**—The catchment areas of all natural springs shall be identified and plans for their conservation and rejuvenation shall be incorporated in the Zonal Master Plan and the guidelines shall be drawn up by the State Government in such a manner as to prohibit development activities at or near these areas which are detrimental to such areas.

(3) **Tourism.**—(a) The activity relating to tourism within the Eco-sensitive Zone shall be as per Tourism Master Plan, which shall form part of the Zonal Master Plan.

(b) The Tourism Master Plan shall be prepared by the Department of Tourism, Government of Punjab in consultation with Department of Revenue and Forests, Government of Punjab.

(c) The activity of tourism shall be regulated as under, namely:—

(i) all new tourism activities or expansion of existing tourism activities within the Eco-sensitive Zone shall be in accordance with the eco-tourism guidelines issued by the National Tiger Conservation Authority, Ministry of Environment, Forest and Climate Change (as amended from time to time) with emphasis on eco-tourism, eco-education and eco-development and based on carrying capacity study of the Eco-sensitive Zone;

(ii) new construction of hotels and resorts shall not be permitted within the Eco-sensitive Zone;

(iii) till the Zonal Master Plan is approved, development for tourism and expansion of existing tourism activities shall be permitted by the concerned regulatory authorities based on the actual site specific scrutiny and recommendation of the Monitoring Committee.

(4) **Natural heritage.**— All sites of valuable natural heritage in the Eco-sensitive Zone, such as the gene pool reserve areas, rock formations, waterfalls, springs, gorges, groves, caves, points, walks, rides, cliffs, etc. shall be identified and preserved and plan shall be drawn up for their protection and conservation, within six months from the date of publication of this notification and such plan shall form part of the Zonal Master Plan.

(5) **Man-made heritage sites.**— Buildings, structures, artefacts, areas and precincts of historical, architectural, aesthetic, and cultural significance shall be identified in the Eco-sensitive Zone and plans for their conservation shall be prepared within six months from the date of publication of this notification and incorporated in the Zonal Master Plan.

(6) **Noise pollution.**— The Environment Department of the State Government shall draw up guidelines and regulations for the control of noise pollution in the Eco-sensitive Zone in accordance with the provisions of the Air (Prevention and Control of Pollution) Act, 1981 (14 of 1981) and the rules made thereunder.

(7) **Air pollution.**— The Environment Department of the State Government shall draw up guidelines and regulations for the control of air pollution in the Eco-sensitive Zone in accordance with the provisions of the Air (Prevention and Control of Pollution) Act, 1981 (14 of 1981) and the rules made thereunder.

(8) **Discharge of effluents.-** The discharge of treated effluent in Eco-sensitive Zone shall be in accordance with the provisions of the Water (Prevention and Control of Pollution) Act, 1974(6 of 1974) and the rules made thereunder.

(9) **Solid wastes. -** Disposal of solid wastes shall be as under.-

(i) the solid waste disposal in Eco-sensitive Zone shall be carried out as per the provisions of the Municipal Solid Waste (Management and Handling) Rules, 2000 published by the Government of India in the erstwhile Ministry of Environment and Forests *vide* notification number S.O. 908 (E), dated the 25th September, 2000 as amended from time to time;

(ii) the local authorities shall draw up plans for the segregation of solid wastes into biodegradable and non-biodegradable components;

(iii) the biodegradable material shall be recycled preferably through composting or vermiculture;

(iv) the inorganic material shall be disposed of in an environmentally acceptable manner at site identified outside the Eco-sensitive Zone and no burning or incineration of solid wastes shall be permitted in the Eco-sensitive Zone.

(10) **Bio-medical waste.-** The bio-medical waste disposal in the Eco-sensitive Zone shall be carried out as per the provisions of the Bio-Medical Waste (Management and Handling) Rules, 1998 published by the Government of India in the erstwhile Ministry of Environment and Forests *vide* notification number S.O. 630(E), dated the 20th July, 1998 as amended from time to time.

(11) **Vehicular traffic. -** The vehicular movement of traffic shall be regulated in a habitat friendly manner and specific provisions in this regard shall be incorporated in the Zonal Master Plan and till such time as the Zonal Master Plan is prepared and approved by the competent authority in the State Government, the Monitoring Committee shall monitor compliance of vehicular movement under the relevant Acts and the rules and regulations made thereunder.

4. List of activities prohibited or to be regulated within the Eco-sensitive Zone.- All activities in the Eco-sensitive Zone shall be governed by the provisions of the Environment (Protection) Act, 1986 (29 of 1986) and the rules made thereunder and shall be regulated in the manner specified in the table below, namely:-

Table

Sl. No.	Activity	Remarks
1	2	3
Prohibited Activities		
1.	Commercial mining, stone quarrying and crushing units.	(a) All new and existing mining (minor and major minerals), stone quarrying and crushing units shall be prohibited except for the domestic needs of <i>bona fide</i> local residents. (b) The mining operations shall strictly be in accordance with the orders of the Hon'ble Supreme Court dated the 4 th August, 2006 in the matter of T.N. Godavarman Thirumulpad Vs. Union of India in Writ Petition (Civil) No.202 of 1995 and orders of the Hon'ble Supreme Court dated the 21 st April, 2014 in the matter of Goa Foundation Vs. Union of India in Writ Petition (Civil) No.435 of 2012.
2.	Setting up of saw mills.	No new or expansion of existing saw mills shall be permitted within the Eco-sensitive Zone.
3.	Setting up of industries causing water, air, soil or noise pollution.	No new or expansion of existing polluting industries shall be permitted within the Eco-sensitive Zone.
4.	Use or production of any hazardous substances.	Prohibited (except as otherwise provided) as per applicable laws.

5.	Commercial establishment of hotels and resorts.	No new or expansion of existing commercial establishments such as hotels and resorts shall be permitted within the Eco-sensitive Zone.
6.	Commercial use of firewood.	Prohibited (except as otherwise provided) as per applicable laws.
7.	Establishment of new major hydroelectric projects.	Prohibited (except as otherwise provided) as per applicable laws.
8.	Undertaking activities related to tourism like over-flying the sanctuary area by hot-air balloons, etc.	Prohibited (except as otherwise provided) as per applicable laws.
9.	Uses of plastic carry bags.	Prohibited (except as otherwise provided) as per applicable laws.
10.	Discharge of untreated effluents and solid waste in natural water bodies or land area.	Prohibited (except as otherwise provided) as per applicable laws.
11.	Construction activities.	No new construction of any kind shall be permitted within the Eco-sensitive Zone, except for the domestic needs of local residents including the activities listed in sub-paragraph (1) of paragraph 3. In case of the construction activity related to small scale industries not causing pollution shall be regulated and kept at the minimum.
Regulated Activities		
12.	Felling of trees.	(a) There shall be no felling of trees on the forest land or Government or revenue or private lands without prior permission of the competent authority in the State Government. (b) The felling of trees shall be regulated in accordance with the provisions of the concerned Central or State Act and the rules made thereunder.
13.	Drastic change of agriculture system.	Regulated under applicable laws.
14.	Commercial water resources including ground water harvesting.	(a) The extraction of surface water and ground water shall be permitted only for <i>bona fide</i> agricultural use and domestic consumption of the occupier of the land. (b) The extraction of surface water and ground water for industrial or commercial use including the amount that can be extracted, shall require prior written permission from the concerned regulatory authority. (c) No sale of surface water or ground water shall be permitted. (d) Steps shall be taken to prevent contamination or pollution of water from any source including agriculture.
15.	Erection of electrical cables and telecommunication towers.	Promote underground cabling.
16.	Fencing of existing premises of hotels and lodges.	Regulated under applicable laws.

17.	Widening and strengthening of existing roads and construction of new roads.	Shall be done with proper Environment Impact Assessment and mitigation measures, as applicable.
18.	Movement of vehicular traffic at night.	Regulated for commercial purpose, under applicable laws.
19.	Introduction of exotic species.	Regulated under applicable laws.
20.	Protection of hill slopes and river banks.	Regulated under applicable laws.
21.	Commercial sign boards and hoardings.	Regulated under applicable laws.
22.	Air (including noise) and vehicular pollution.	Regulated under applicable laws.
23.	Discharge of treated effluents in natural water bodies or land area.	Recycling of treated effluent shall be encouraged and for disposal of sludge or solid wastes, the existing regulations shall be followed.
24.	Small scale industries not causing pollution.	Non-polluting, non-hazardous, small-scale and service industry, agriculture, floriculture, horticulture or agro-based industry producing products from indigenous goods from the Eco-sensitive Zone which do not cause any adverse impact on environment shall be permitted.
25.	Collection of Forest produce or Non-Timber Forest Produce .	Regulated under applicable laws.
26.	Security Forces Camp.	Regulated under applicable laws.
27.	New wood based industry.	No establishment of new wood based industry shall be permitted within the limits of Eco-sensitive Zone: Provided that new wood based industry may be set up in the Eco-sensitive using 100% imported wood stock.
28.	Eco-friendly cottages for temporary occupation of tourists such as tents, wooden houses, etc. for eco-friendly tourism activities.	Regulated under applicable laws.
29.	Solid Waste Management.	Regulated under applicable laws.
30.	Eco-Tourism.	Regulated under applicable laws.
Promoted Activities		
31.	Ongoing agriculture and horticulture practices by local communities along with dairies, dairy farming and fisheries.	Permitted under applicable laws.
32.	Rain water harvesting.	Shall be actively promoted.
33.	Organic farming.	Shall be actively promoted.
34.	Adoption of green technology for all activities.	Shall be actively promoted.
35.	Use of renewable energy sources.	Permitted under applicable laws.
36.	Vegetative fencing.	Permitted under applicable laws.
37.	Cottage industries including village artisans, etc.	Shall be actively promoted.
38.	Agro Forestry.	Shall be actively promoted.
39.	Environmental Awareness.	Shall be actively promoted.

5. **Eco-sensitive Zone Monitoring Committee.-** The Central Government hereby constitutes a Monitoring Committee for three years, for effective monitoring of the Eco-sensitive Zone, which shall comprise of the following, namely:-

- | | | |
|-----|---|---------------------|
| (a) | District Collector, Patiala | - Chairman |
| (b) | The Chief Conservator of Forests (Wildlife), Government of Punjab | - Member; |
| (c) | Representative of Department of Rural Development and Panchayat, Government of Punjab | - Member; |
| (d) | Regional Officer, Punjab State Pollution Control Board | -Member; |
| (e) | One representative of non-Governmental Organisation (Working in the field of environment including heritage Conservation) to be nominated by the Government of Punjab for a period of three years | -Member |
| (f) | An expert in the area of ecology and environment to be nominated by the Government of Punjab for a period of three years | -Member |
| (g) | Representative of Department of Rural Development and Housing Department, Government of Punjab | - Member; |
| (h) | Representative of Department of Agricultural, Government of Punjab | - Member; |
| (i) | Representative of State Bio Diversity Board | - Member; |
| (j) | Divisional Forest Officer (In-charge of PA) | - Member-Secretary. |

6. **Terms of Reference.-** (1) The Monitoring Committee shall monitor the compliance of the provisions of this notification.
- (2) The activities that are covered in the schedule to the notification of the Government of India in the erstwhile Ministry of Environment and Forests number S.O. 1533(E), dated the 14th September, 2006, and are falling in the Eco-sensitive Zone, except for the prohibited activities as specified in the table under paragraph 4 thereof, shall be scrutinised by the Monitoring Committee based on the actual site-specific conditions and referred to the Central Government in the Ministry of Environment, Forest and Climate Change for prior environmental clearances under the provisions of the said notification.
- (3) The activities that are not covered in the schedule to the notification of the Government of India in the erstwhile Ministry of Environment and Forests number S.O. 1533(E), dated the 14th September, 2006 and are falling in the Eco-sensitive Zone, except for the prohibited activities as specified in the table under paragraph 4 thereof, shall be scrutinised by the Monitoring Committee based on the actual site-specific conditions and referred to the concerned regulatory authorities.
- (4) The Member-Secretary of the Monitoring Committee or the concerned Chief Conservator of Forests (Wildlife) shall be competent to file complaints under section 19 of the Environment (Protection) Act, 1986 (29 of 1986) against any person who contravenes the provisions of this notification.
- (5) The Monitoring Committee may invite representatives or experts from concerned departments, industry associations or stakeholders to assist in its deliberations depending on the requirements on issue to issue basis.
- (6) The Monitoring Committee shall submit the annual action taken report of its activities as on 31st March every year by 30th June of that year to the Chief Wildlife Warden of the State as per proforma appended at **Annexure III**.
- (7) The Central Government in the Ministry of Environment, Forest and Climate Change may give such directions as it deems fit, to the Monitoring Committee for effective discharge of its functions.

6. The Central Government and State Government may specify additional measures, if any, for giving effect to provisions of this notification.

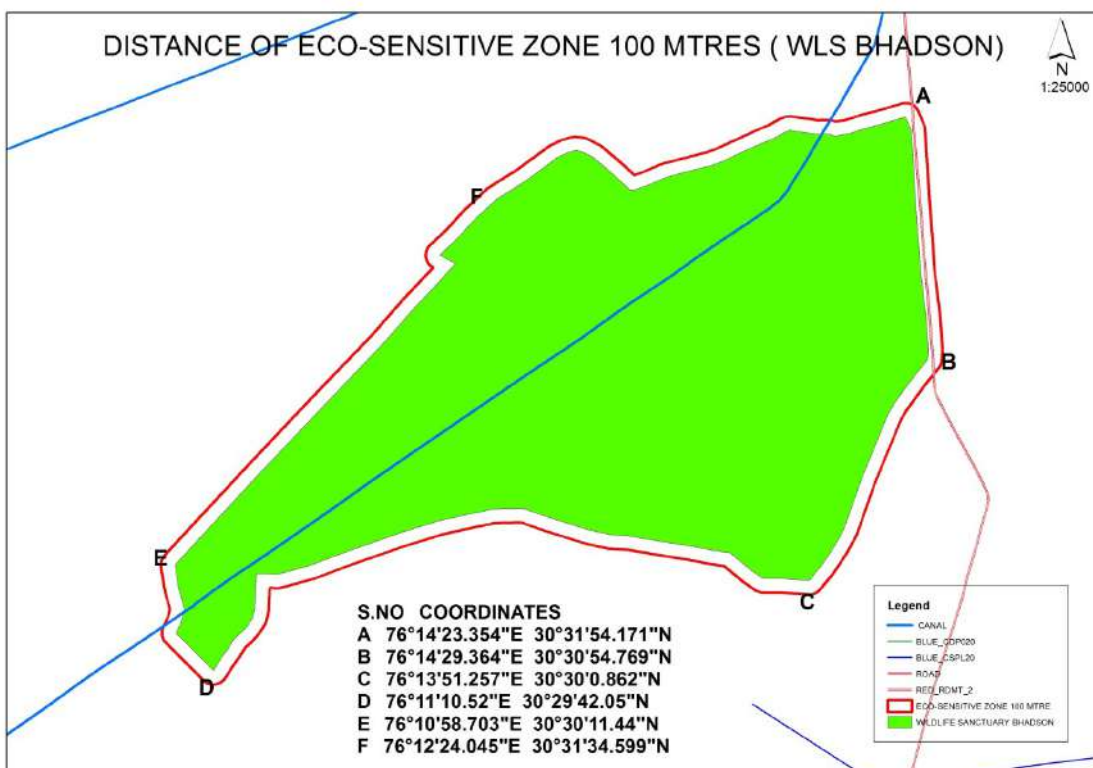
7. The provisions of this notification shall be subject to the orders, if any, passed, or to be passed by the Hon'ble Supreme Court of India or the High Court or the National Green Tribunal.

[F.No.25/26/2014-ESZ-RE]

Dr. T. CHANDINI, Scientist 'G'

Annexure I

Map of Eco-sensitive Zone boundary of Bir Bhadson Wildlife Sanctuary, Punjab together with its latitudes and longitude of extremes and extent.



Co-ordinates of Bir Bhadson Wildlife Sanctuary

Sl. No.	Latitude	Longitude
1.	30°30' 11.893" N	76° 13' 46.23" E
2.	30°31' 30.615" N	76° 12' 30.892" E
3.	30°31' 32.185" N	76° 13' 06.099" E

ANNEXURE-II

Villages falling within the proposed Eco-sensitive Zone of Bir Bhadson Wildlife Sanctuary, Punjab.

S.No	NAME	Latitude			Longitude		
		Degree	Minute	Second	Degree	Minute	Second
1.	Ramgarh	30	32	06.51	76	13	07.49
2.	Chahal	30	32	44.76	76	14	15.97
3.	Dargapur	30	32	19.85	76	13	30.97

4.	Ghunder	30	32	06.22	76	13	07.52
5.	Khanoura	30	32	05.51	76	11	42.29
6.	Punniwal (Sirinagar)	30	31	19.81	76	11	30.19
7.	Raisal	30	30	53.25	76	10	53.86
8.	Gobindpura	30	30	37.73	76	10	06.90
9.	Hallotali	30	29	32.41	76	11	54.23
10.	Sudhewal	30	29	56.53	76	12	22.40
11.	Chaswal	30	29	27.61	76	14	21.19
12.	Bhadson	30	30	26.06	76	14	49.22
13.	BirAgol	30	28	15.50	76	11	02.30

Annexure III**Proforma of Action Taken Report:- Eco-sensitive Zone Monitoring Committee.-**

1. Number and date of meetings.
2. Minutes of the meetings: mention main noteworthy points. Attached minutes of the meeting as separate annexure.
3. Status of preparation of Zonal Master Plan including Tourism Master Plan.
4. Summary of cases dealt for rectification of error apparent on face of land record. Details may be attached as annexure.
5. Summary of cases scrutinised for activities covered under Environment Impact Assessment notification, 2006. Details may be attached as separate Annexure.
6. Summary of case scrutinised for activities not covered under Environment Impact Assessment notification, 2006. Details may be attached as separate Annexure.
7. Summary of complaints lodged under section 19 of the Environment (Protection) Act, 1986.
8. Any other matter of importance.

I/356543/2022

**Government of Punjab
Department Forest and Wildlife Preservation
O/o Principal Chief Conservator of Forests and
Chief Wildlife Warden, Punjab,
Forest Complex, Tower No. 2, 2nd Floor,
Sector-68, S.A.S. Nagar.**

To

M/s MADHAV KRG HRC PVT LTD.
Village Akalgarh, Amloh, Bhadson Road,
Patiala.

**Subject: Regarding "Final" approval of Wildlife Conservation Plan
for the project namely MADHAV KRG HRC PVT LTD.
Village Akalgarh, Amloh, Bhadson Road Patiala.**

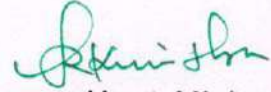
Ref: Your Email dated 05.04.2022.

With reference to the above mentioned subject, it is informed that "In Principle" approval to the Wildlife Conservation Plan was issued by this office vide letter No 338842/2022 dated 29.03.2022. As per the conditions laid down in the "In-Principle approval", your office has deposited the requisite funds (Rs.32.00 Lakh) to this office and accordingly this office hereby conveys "Final approval" to the Wildlife Conservation Plan subject to the following conditions:-

1. An annual Compliance Certificate on the stipulated conditions shall be submitted by the project proponent to the office of Chief Wildlife Warden, Punjab.
2. The Divisional Forest Officer (Wildlife), Patiala will undertake and maintain plantation of fruit bearing species around the project site, so as to enrich the area with avian biodiversity.
3. The Divisional Forest officer (Wildlife), Patiala will conduct nature awareness programs in the area and Project Proponent will extend their support and co-operation to Divisional Forest Officer (Wildlife), Patiala in this regard.
4. The Project Proponent shall ensure the compliance to the provisions of all Acts, Rules, Regulations and the guidelines for the time being in force, as applicable to the Project.
5. The Project Proponent will implement the Wildlife Conservation Plan in letter and spirit failing which the "Final approval" of this plan will

I/356543/2022

be revoked by the competent authority.

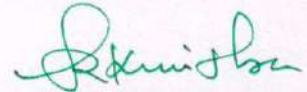


Raman Kant Mishra Ifs
CHIEF WILDLIFE WARDEN

05/05/2022

A copy is sent to the followings for information and further necessary action:-

1. Member Secretary, State Environment Impact Assessment Authority (SEIAA) O/o Punjab Pollution Control Board, Patiala.
2. Member Secretary, State Level Expert Appraisal Committee (SEAC) Directorate of Environment and Climate Change, C/o Punjab State Council for Science & Technology, MGSIPA Complex, Sector-26, Chandigarh.
3. Divisional Forest Officer (Wildlife), Patiala.
4. DDO O/o Chief Wildlife Warden, Punjab.
5. Incharge Account Branch O/o Chief Wildlife Warden, Punjab.



Raman Kant Mishra Ifs
CHIEF WILDLIFE WARDEN

05/05/2022



Office Dispatch No.:

Date:

To

SUDHIR GOYAL
AMLOH-BHADSON ROAD
PATIALA, NABHA - 147203

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

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

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

PIN	201224233
Application No.:	2401288794
Date of Issue:	06-Apr-2024
Date of Expiry:	30-Jun-2024
Certificate Type:	Fresh
Certificate No:	CTOA/Fresh/PBIP/FGS/2024/2401288794

2. Particulars of the Industry:

Name & Designation of the Applicant:	Sudhir Goyal, (Director)
Name of Business Entity	Madhav KRG HRC Pvt. Ltd.
Name of the Project/Unit:	Madhav KRG HRC Pvt. Ltd.
Address of Project/Unit:	Village Akalgarh & Bhagwanpura, Amlah-Bhadson Road near Toll Plaza District Patiala & Fatehgarh sahib-147203 , Nabha , Patiala
Capital Investment of the Industry(in lakhs):	44955
Category of Industry:	Red
Type of Industry:	1066 - processing, casting and alloy making-Secondary production of Ferrous and Non-ferrous metals more than 1 MT/hr production (or) Lead extraction irrespective of capacity (or) metal extraction having Induction Furnace clubbed with AOD furnace.
Scale of the Industry:	Large - > Rs. 50 Crore
Office District:	Fatehgarh Sahib
Consent Fee Details:	Rs. 5,64,500/- Transaction ID: 231230173283498 dated 30/12/2023

Raw Materials (Name with quantity per day):	Scrap @ 4,27,000 TPA & DRI (Direct Reduced Iron) @ 1,07,000 TPA
Products (Name with quantity per day):	Hot Rolled Coil (HRC) @ 5,00,000 TPA
By Products, if any (Name with quantity per day) :	--
Details of the machinery and processes:	As per application form
Sources of emissions and type of pollutants:	02 no. Induction Furnace of capacity 50 MT/Heat each & 01 no. Ladle Refining Furnace (LRF) of capacity 55 MT/heat: SPM, DG set of capacity 1750 KVA: SPM/SOx/NOx
Mode of disposal of emissions with stack height:	02 no. Induction Furnace of capacity 50 MT/Heat each & 01 no. Ladle Refining Furnace (LRF) of capacity 55 MT/heat: 45 m AGL, DG set of capacity 1750 KVA: Stack of height as per following formula: $H = h + 0.2 (KVA)^{0.5}$ where h = height of the building in meters where the generator set is installed
Quantity of fuel required in TPD:	02 no. Induction Furnace of capacity 50 MT/Heat each: Electricity, 01 no. Ladle Refining Furnace (LRF) of capacity 55 MT/heat: Electricity, DG set of capacity 1750 KVA:HSD only
Type of Air Pollution Control Devices to be installed:	02 no. Induction Furnace of capacity 50 MT/Heat each & 01 no. Ladle Refining Furnace (LRF) of capacity 55 MT/heat: Cyclone Separators followed by Bag House filter, DG set of capacity 1750 KVA: Canopy Provided
Standard to be achieved under Air(Prevention & Control of Pollution) Act, 1981:	As prescribed by the CPCB/ MoEF&CC/ PPCB, from time to time.

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

Endst. No.

Dated:

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

1. Senior Environmental Engineer, Zonal Office-2, Patiala
2. Environmental Engineer, Regional Office, Fatehgarh Sahib with a request to ensure the compliance of special condition no. 6 as well as keep the track of the progress made by the industry for compliance.

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

A. GENERAL CONDITIONS

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

Specifications of the port-holes shall be as under:

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

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

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

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

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

(i) Stack height for boiler plants

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

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

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

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

(iii) Stack height for diesel generating sets:

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

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

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

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

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

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

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

(i) Once in Year for Small Scale Industries.

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

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

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

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

16. The issuance of this consent does not convey any property right in either real or personal property, or any exclusive privileges, nor does it authorize any injury to private property or any invasion of personal rights, nor any infringement of Central, State or Local Laws or Regulations.
17. The consent does not authorize or approve the construction of any physical structures or facilities for undertaking of any work in any natural watercourse.
18. Nothing in this NOC shall be deemed to neither preclude the institution of any legal action nor relieve the applicant from any responsibilities, liabilities or penalties to which the applicant is or may be subjected under this or any other Act.
19. The diversion or bye pass of any discharge from facilities utilized by the applicant to maintain compliance with the terms and conditions of this consent is prohibited except.
- (i) Where unavoidable to prevent loss of life or some property damage or
- (ii) Where excessive storm drainage or run off would damage facilities necessary for compliance with terms and conditions of this consent. The applicant shall immediately notify the consent issuing authority in writing of each such diversion or bye-pass.
20. The industry shall ensure that no water pollution problem is created in the area due to discharge of effluents from its industrial premises.
21. The industry shall comply with the conditions imposed if any by the SEIAA/MOEF in the Environmental Clearance granted to it as required under EIA notification dated 14/9/06.
22. The industry shall earmark a land within their premises for disposal of boiler ash in an environmentally sound manner, and / or the industry shall make necessary arrangements for proper disposal of fuel ash in a scientific manner and shall maintain proper record for the same, if applicable.
23. The industry shall obtain and submit Insurance cover as required under the Public Liability Insurance Act,1991.
24. The industry shall submit a site emergency plan approved by the Chief Inspector of Factories, Punjab as applicable
25. The industry shall provide proper and adequate air pollution control arrangements for control emission from its coal/fuel handling area, if applicable.
26. The Industry shall comply with the code of practice as notified by the Government / Board for the type of Industries where the siting guidelines / code of practice have been notified
27. Solids, sludge, filter backwash or other pollutant removed from or resulting from treatment or control of waste waters shall be disposed off in such a manner so as to prevent any pollutants from such materials from entering into natural water
28. The industry shall submit a detailed plan showing therein, the distribution system for conveying wastewaters for application on land for irrigation along with the crop pattern to be adopted throughout the year
29. The industry shall not irrigate the vegetable crops with the treated effluents which are used/ consumed as raw.
30. The industry shall ensure that its production capacity & quantity of trade effluent do not exceed the quantity mentioned in the NOC and shall not carry out any expansion without the prior permission/NOC of the Board.
31. All amendments/revisions made by the Board in the emission/stack height standards shall be applicable to the industry from the date of such amendments/revisions.
32. The industry shall not cause any nuisance/traffic hazard in vicinity of the area.
33. The industry shall maintain the following record to the satisfaction of the Board :-
- (i) Log books for running of air pollution control devices or pumps/motors used for it.
- (ii) Register showing the result of various tests conducted by the industry for monitoring of stack emissions and ambient air.

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

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

35. The industry shall establish sufficient number of piezometer wells in consultation with the concerned Regional Office, of the Board to monitor the impact on the Ground Water Quantity due to the industrial operations, if applicable.

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

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

B. SPECIAL CONDITIONS

1. This Consent to Operate is only valid for operation of unit for manufacturing of Hot Rolled Coil (HRC) @ 5,00,000 TPA by using Scrap @ 4,27,000 TPA & DRI (Direct Reduced Iron) @ 1,07,000 TPA as raw material by operation of 2 no. IFs of capacity 50 TPH each, 1 no. LRF of capacity 55 TPH in premises measuring 26.36 Acres (for which site clearance from SAC constituted under Section 41-A(2) of the Factories Act, 1948 granted by Director of Factories, Punjab vide letter dated 15.01.2024), only.
2. The industry shall comply with all terms & conditions mentioned in the Environmental Clearance granted to it by SEIAA, Punjab vide no. SEIAA/PB/IND/2022/EC/05 dated 03/07/2022, with utmost sincerity and commitment, ensuring compliance in both letter and spirit.
3. The industry shall comply with all terms & conditions mentioned in the site clearance from SAC constituted under Section 41-A(2) of the Factories Act, 1948 granted by Director of Factories, Punjab vide letter dated 15.01.2024, in true letter & spirit.
4. The industry shall ensure that no industrial activity/ process shall be carried out on the area of 0.71 acres [27.07 Acres (for which EC granted) - 26.36 Acres (for which site clearance from SAC granted)] till the necessary clearances has been obtained from all concerned authorities. Further, the industry shall obtain revised CTO for whole area (27.07 Acres) as & when necessary clearances from concerned departments has been obtained, as proposed by it.
5. The industry shall immediately apply for extension in the validity of Consent to Establish alongwith requisite fees & documents, as the same has already expired on 12.02.2024.
6. The industry shall deposit a bank guarantee amounting to Rs. 5 lac to the Environmental Engineer, Punjab Pollution Control Board, Regional Office, Fatehgarh Sahib within 15 days (from the date of issuance of this consent) as an assurance to submit the completion-cum-adequacy report for providing Air Pollution Control Device of appropriate design for control of secondary emissions generated from the furnace unit within next 45 days & install the same by 30.09.2024.
7. The industry shall ensure that ensure the OCEMS installed on the stacks attached to the Furnaces are connected to CPCB & PPCB servers before 30.04.2024 and maintain operation of the same as per norms prescribed by the CPCB.
8. The industry shall complete development of plantation area latest by 30/06/2024, in compliance to EC condition regarding developing green belt over 33 % of the total area of the unit.
9. The industry shall get its building plans approved from Competent Authority under the Factory Act, 1948, if there is any change with respect to the already approved building plans.
10. The industry shall comply with the guidelines/SOPs provided by PSCST, Chandigarh in the effective operation of APCD.
11. The industry shall execute annual maintenance contract (AMC) for APCD from the reputed agency, keep qualified person to operate the APCD and submit the report in this regard.
12. The adequacy & efficacy of the Air Pollution Control Device(s) will be the entire responsibility of the industry.
13. The industry shall ensure that the sample collection facility attached with the stacks should be as per guidelines mentioned in EPR-3 by the CPCB.
14. The industry shall get the emission samples from the stacks attached to the APCDs analyzed from Boards Laboratory within one month.
15. The industry shall not use any scrap containing Hazardous waste like shockers containing waste oil.
16. The industry shall comply with the provisions of Solid Waste Management Rules, 2016.
17. The industry shall comply with the provisions of Hazardous Waste Management Rules, 2016.
18. The industry shall comply with the provisions of Plastic Waste Management Rules, 2016.
19. The industry shall promote use of alternatives of single use plastics (SUP) and awareness to discourage use of plastic, through their Corporate Environment Responsibility (CER) activities.

20. The project proponent shall ensure usage of alternatives of single use plastics (SUP) within its premises and will not use any SUP items banned in accordance with MoEF&CC notification no. G.S.R. 571(E) dated 12.08.2021.

21. The industry shall ensure that there are no usages of single use plastic-thermocool disposable items such as water bottles/water pouches/water cups, plates, forks, spoons, straw etc. and single use decorating material made of plastic-thermocool or any other non-biodegradable material in the premises.

22. The industry shall comply with the provisions of Noise Pollution (Regulation & Control) Rules 2000.

23. The industry shall ensure that the activities of unit does not create any nuisance in the surrounding areas and no public complaints are received.

24. The industry shall obtain all the statutory approvals/clearances from the concerned departments.

25. This Consent is being issued to the industry based upon the documents/ information submitted by it alongwith the online application form. The Board would be at liberty to take penal action against the industry and its responsible/ concerned person(s) in case information/document is detected as incorrect/false/misleading at any point of time, without any opportunity of Personal Hearing.

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

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



Office Dispatch No.:

Date:

To

SUDHIR GOYAL
AMLOH-BHADSON ROAD
PATIALA, NABHA - 147203

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

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

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

PIN	201224233
Application No.:	2401726181
Date of Issue:	06-Apr-2024
Date of Expiry:	30-Jun-2024
Certificate Type:	Fresh
Certificate No:	CTOW/Fresh/PBIP/FGS/2024/2401726181

2. Particulars of the Industry:

Name & Designation of the Applicant:	Sudhir Goyal, (Director)
Name of Business Entity	Madhav KRG HRC Pvt. Ltd.
Name of the Project/Unit:	Madhav KRG HRC Pvt. Ltd
Address of Project/Unit:	Village Akalgarh & Bhagwanpura, Amloh-Bhadson road near Toll Plaza District Patiala & Fatehgarh sahib , Nabha , Patiala
Capital Investment of the Industry(in lakhs):	44955
Category of Industry:	Red
Type of Industry:	1066 - processing, casting and alloy making-Secondary production of Ferrous and Non-ferrous metals more than 1 MT/hr production (or) Lead extraction irrespective of capacity (or) metal extraction having Induction Furnace clubbed with AOD furnace.
Scale of the Industry:	Large - > Rs. 50 Crore
Office District:	Fatehgarh Sahib
Consent Fee Details:	Rs. 5,64,500/- vide transaction ID: 231230173284861 dated 30/12/2023

Raw Materials (Name with quantity per day):	Scrap @ 4,27,000 TPA & DRI (Direct Reduced Iron) @ 1,07,000 TPA
Products (Name with quantity per day):	Hot Rolled Coil (HRC) @ 5,00,000 TPA
By Products, if any (Name with quantity per day) :	--
Details of the machinery and processes:	As per Application form
Details of Effluent Treatment Plant:	Trade effluent: Nil, Cooling Water:672 KLD to be recirculated & Domestic effluent:72 KLD to be treated through STP of capacity 180 KLD
Mode of disposal of Effluent:	Treated Domestic effluent:72 KLD to be discharged onto land for plantation
Standard to be achieved under Water(Prevention & Control of Pollution) Act, 1974:	As prescribed by the CPCB/ MoEF&CC/ PPCB, from time to time.

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

Endst. No.

Dated:

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

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

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

A. GENERAL CONDITIONS

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

17. The industry shall provide online monitoring equipment for the parameters as decided by concerned Regional Office with the effluent treatment plant/air pollution control devices installed, if applicable.

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

19. The authorized outlet and mode of disposal shall not be changed without the prior written permission of the Board

20. The industry shall comply with the conditions imposed by the SEIAA / MOEF in the environmental clearance granted to it as required under EIA notification dated 14/9/06, if applicable.

21. The industry shall obtain and submit Insurance cover as required under the Public Liability Insurance Act, 1991

22. The industry shall not use any unauthorized out-let(s) for discharging effluents from its premises. All unauthorized outlets, if any, shall be connected to the authorized outlet within one month from the date of issue of this consent.

23. The industry shall make necessary arrangements for the monitoring of effluent being discharged by the industry and shall monitor its effluents:-

(i) Once in Year for Small Scale Industries

(ii) Four in a Year for Large/Medium Scale Industries

(iii) The industry will submit monthly reading/ data of the separate energy meter installed for running of effluent treatment plant/re-circulation system to the concerned Regional Office of the Board by the 5th of the following month

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

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

26. The issuance of this consent does not convey any property right in either real or personal property, or any exclusive privileges, nor does it authorize any injury to private property or any invasion of personal rights, nor any infringement of Central, State or Local Laws or Regulations.

27. The consent does not authorize or approve the construction of any physical structures or facilities for undertaking of any work in any natural watercourse

28. Nothing in this consent shall be deemed to neither preclude the institution of any legal action nor relieve the applicant from any responsibilities, liabilities or penalties to which the applicant is or may be subjected under this or any other Act.

29. The industry shall make necessary and adequate arrangements to hold back the effluent in case of failure of septic tank.

30. The diversion or bye pass of any discharge from facilities utilized by the applicant to maintain compliance with the terms and conditions of this consent is prohibited except.

(i) Where unavoidable to prevent loss of life or some property damage or

(ii) Where excessive storm drainage or run off would damage facilities necessary for compliance with terms and conditions of this consent. The applicant shall immediately notify the consent issuing authority in writing of each such diversion or bye-pass.

31. The industry shall ensure that no water pollution problem is created in the area due to discharge of effluents from its industrial premises

32. The industry shall comply with the code of practice as notified by the Government/ Board for the type of industries where the siting guidelines/ code of practice have been notified
33. Solids, sludge, filter backwash or other pollutant removed from or resulting from treatment or control of waste waters shall be disposed off in such a manner to prevent any pollutants from such materials from entering into natural water.
34. The industry shall re-circulate the entire cooling water and shall also re-circulate/reuse to the maximum extent the treated effluent in processes
35. The industry shall make necessary and adequate arrangements to hold back the effluent in case of failure of re-circulation system/ effluent treatment plant.
36. The industry shall make proper disposal of the effluent so as to ensure that no stagnation occurs inside and outside the industrial premises during rainy season and no demand period
37. Where excessive storm water drainage or run off, would damage facilities necessary for compliance with terms and conditions of this consent, the applicant shall immediately notify the consent issuing authority in writing of each such diversion or bye-pass.
38. The industry shall submit a detailed plan showing therein the distribution system for conveying waste-water for application on land for irrigation along with the crop pattern for the year.
39. The industry shall ensure that the effluent discharged by it is toxicity free
40. The industry shall not irrigate the vegetable crops with the treated effluents which are used/ consumed as raw.
41. Drains causing oil & grease contamination shall will be segregated. Oil & grease trap shall be provided to recover oil & grease from the effluent.
42. The industry shall establish sufficient number of piezometer wells in consultation with the concerned Regional Office, of the Board to monitor the impact on the Ground Water Quantity due to the industrial operations, and the monitoring shall be submitted to the Environmental Engineer of the concerned Regional Office by the 5th of every month.
43. The industry shall ensure that its production capacity & quantity of trade effluent do not exceed the quantity mentioned in the consent and shall not carry out any expansion without the prior permission/NOC of the Board.

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

B. SPECIAL CONDITIONS

1. This Consent to Operate is only valid for operation of unit for manufacturing of Hot Rolled Coil (HRC) @ 5,00,000 TPA by using Scrap @ 4,27,000 TPA & DRI (Direct Reduced Iron) @ 1,07,000 TPA as raw material by operation of 2 no. IFs of capacity 50 TPH each, 1 no. LRF of capacity 55 TPH in premises measuring 26.36 Acres (for which site clearance from SAC constituted under Section 41-A(2) of the Factories Act, 1948 granted by Director of Factories, Punjab vide letter dated 15.01.2024), only.
2. The industry shall comply with all terms & conditions mentioned in the Environmental Clearance granted to it by SEIAA, Punjab vide no. SEIAA/PB/IND/2022/EC/05 dated 03/07/2022, with utmost sincerity and commitment, ensuring compliance in both letter and spirit.
3. The industry shall comply with all terms & conditions mentioned in the site clearance from SAC constituted under Section 41-A(2) of the Factories Act, 1948 granted by Director of Factories, Punjab vide letter dated 15.01.2024, in true letter & spirit.
4. The industry shall ensure that no industrial activity/ process shall be carried out on the area of 0.71 acres [27.07 Acres (for which EC granted) - 26.36 Acres (for which site clearance from SAC granted)] till the necessary clearances has been obtained from all concerned authorities. Further, the industry shall obtain revised CTO for whole area (27.07 Acres) as & when necessary clearances from concerned departments has been obtained, as proposed by it.
5. The industry shall immediately apply for extension in the validity of Consent to Establish alongwith requisite fees & documents, as the same has already expired on 12.02.2024.
6. The project proponent shall ensure to construct causeways on the Katcha Road in front of the agricultural land of the complainant for passing the peak flow of rainwater under the guidance of the Drainage Department bearing the entire cost of constructing these causeways, before upcoming monsoon season, in compliance to the special conditions already imposed in the Environment Clearance granted to the unit.
7. The industry shall complete development of plantation area latest by 30/06/2024, in compliance to EC condition regarding developing green belt over 33 % of the total area of the unit.
8. The industry shall comply with conditions of the permission granted for abstraction of groundwater @ 29400 KL/Month vide no. GW/PWRDA/01/2024/L3/20 dated 31/01/2024 valid upto 30/01/2027 in true letter & spirit.
9. The industry shall get its building plans approved from Competent Authority under the Factory Act, 1948, if there is any change with respect to the already approved building plans.
10. The industry shall ensure not to discharge any trade & domestic effluent (treated or untreated) into choe/ drain/ river or inland surface water at any time or any other unauthorized place by any unauthorized means.
11. The adequacy & efficacy of the STPs installed shall be the entire responsibility of the industry.
12. The industry shall comply with the provisions of Solid Waste Management Rules, 2016.
13. The industry shall comply with the provisions of Hazardous Waste Management Rules, 2016.
14. The industry shall comply with the provisions of Plastic Waste Management Rules, 2016.
15. The industry shall promote use of alternatives of single use plastics (SUP) and awareness to discourage use of plastic, through their Corporate Environment Responsibility (CER) activities.
16. The project proponent shall ensure usage of alternatives of single use plastics (SUP) within its premises and will not use any SUP items banned in accordance with MoEF&CC notification no. G.S.R. 571(E) dated 12.08.2021.
17. The industry shall ensure that there are no usages of single use plastic-thermocool disposable items such as water bottles/water pouches/water cups, plates, forks, spoons, straw etc. and single use decorating material made of plastic-thermocool or any other non-biodegradable material in the premises.
18. The industry shall comply with the provisions of Noise Pollution (Regulation & Control) Rules 2000.
19. The industry shall ensure that the activities of unit does not create any nuisance in the surrounding

areas and no public complaints are received.

20. The industry shall obtain all the statutory approvals/clearances from the concerned departments.

21. This Consent is being issued to the industry based upon the documents/ information submitted by it alongwith the online application form. The Board would be at liberty to take penal action against the industry and its responsible/ concerned person(s) in case information/document is detected as incorrect/false/misleading at any point of time, without any opportunity of Personal Hearing.

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

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



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

PERMISSION FOR EXTRACTION OF GROUNDWATER

(Under The Punjab Groundwater Extraction And Conservation Directions, 2023)

Unit ID	Permission Number	Date of Grant of Permission	Valid up to
20230100382	GW/PWRDA/01/2024/L3/20	31-Jan-2024	30-Jan-2027

1	Name of Unit	Madhav KRG HRC Pvt Ltd	
2	Activity of Unit	Industrial	
3	Address/Location of Unit	Village Akalgarh, Tehsil Nabha, Amloh Bhadson Road, District Patiala, Toll Plaza	
		Akalgarh (125)	PIN: 147203
4	Assessment Area(Block)	NABHA	Status: ORANGE
5	District	PATIALA	
6	Head Office Address	1002, 10TH FLOOR, AGGARWL MILLENIUM, TOWER-1, NETAJI SUBHASH PLACE, PRITAMPURA, NORTH WEST DELHI	
		NORTH EAST, DELHI	PIN: 110034
	Email	regulatory@madhavkrggroup.com	
	Phone/Mobile No.	9115101607	
7	Project Status	New : 01-11-2023	
8	No. of Existing Tube-Wells	No. of Proposed Tube-Wells	Total Number of Tube-Wells Permitted
	0	4	4
9	Volume of Ground Water Permitted to be Extracted (m3/month)	Fresh	Brackish/Saline
		29400	0

Note: This permission is granted in terms of the Punjab Groundwater Extraction and Conservation Directions, 2023 notified on 27th January, 2023 under section 15 of the Punjab Water Resources (Management and Regulation) Act, 2020 and is subject to the conditions given overleaf.

Digitally signed by JIWAN KUMAR JAIN
Reason: Approval
Location: Chandigarh
Date: 31-01-2024 10:30:09 AM

Designation : A.O.L-3

Terms and Conditions

1. User shall comply with the provisions of the Punjab Water Resources (Management and Regulation) Act, 2020, The Punjab Groundwater Extraction and Conservation Directions, 2023 and other Regulations, Directions and instructions issued by the Authority from time to time.
 2. The User shall install a water meter of required Specifications at each extraction structure and inform PWRDA along with a Calibration Certificate within three months of issue of this Permission. The water meter shall conform to the technical specifications, performance parameters and connectivity standards, etc. as required by the Authority.
 3. The User (if required to install piezometer as per Directions) shall install the piezometer of the required specifications within three months of issue of this permission. (refer para 5.2 of the Directions).
 4. Payment Cycle and Schedule shall be as per para 4.8 of the Directions.
 5. In case of proposed water extraction structure which is yet to be commissioned, the user will intimate the Authority regarding all the details of the structure within 15 days of energizing of structure.
 6. This Permission does not absolve the Unit of its obligations to obtain other required statutory and administrative clearances from appropriate Authorities.
 7. The issue of this Permission does not imply that other statutory or administrative clearances shall necessarily be granted to the unit by the concerned Authorities.
 8. This Permission is being issued without any prejudice to the orders of any court of law in cases related to groundwater or any other related matters.
 9. The Authority may inspect the Unit and original documents at any time. In case it is found that any material facts have been concealed or misreported or any material difference is found in the information submitted and the site conditions or documents, the Authority may suspend the permission granted immediately and may cancel or alter the permission after giving a notice to the Unit. This will be without prejudice to any other action that may be taken under the law for supply of wrong information.
 10. The User is advised to keep on checking the website of the Authority for updates on Directions and instructions on matters related to extraction of groundwater.
 11. The User shall obtain revised/varied/fresh permission as the case may be, in case there is any change in ground water extraction structure, volume etc, before the aforesaid change is affected or within the time permitted under the Directions.
 12. A user shall apply for renewal of permission in the required format three months prior to the expiry of permission.
-



Office Dispatch No.:

Date:

To

SUDHIR GOYAL
AMLOH-BHADSON ROAD
PATIALA, NABHA - 147203

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

Sudhir Goyal Village Akalgarh & Bhagwanpura, Amloh-Bhadson road near toll plaza District Patiala & Fatehgarh sahib is hereby granted an authorisation based on the enclosed signed inspection report for Collection, Generation, Storage, Transportation, Treatment, Disposal, on the premises situated at Nabha, Patiala, 147203

1. Particulars of Authorization granted to the Industry:

PIN	201224233
Application No.:	2312456857
Date of Issue:	06-Apr-2024
Date of Expiry:	30-Jun-2024
Authorization No:	HWM/Fresh/PBIP/FGS/2024/2312456857
Previous Authorization Date of Issue:	1-Jan-1970
Previous Authorization Date of Expiry:	1-Jan-1970
Certificate Type:	Fresh

2. Particulars of the Industry:

Name & Designation of the Applicant:	Sudhir Goyal, (Director)
Name of Business Entity	Madhav KRG HRC Pvt. Ltd.
Name of the Project/Unit:	Madhav KRG HRC Pvt. Ltd.
Address of Project/Unit:	Village Akalgarh & Bhagwanpura, Amloh-Bhadson road near toll plaza District Patiala & Fatehgarh sahib , Nabha , Patiala
Capital Investment of the Industry(in lakhs):	44955
Category of Industry:	Red
Type of Industry:	1066 - processing, casting and alloy making-Secondary production of Ferrous and Non-ferrous metals more than 1 MT/hr production (or) Lead extraction irrespective of capacity (or) metal extraction having Induction Furnace clubbed with AOD furnace.
Scale of the Industry:	Large - > Rs. 50 Crore

Office District:	Fatehgarh Sahib
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3. Particulars of Wastes:

Category of Hazardous Waste as per the schedule I,II and III of these rules:	Schedule1 35.1-Exhaust Air or Gas cleaning residue 1200 T, Schedule1 5.1-Used or spent oil 1.4 KL, Schedule1 5.2-Wastes or residues containing oil 3.2 T, Schedule1 5.2-Wastes or residues containing oil 1 T,
Authorization mode of disposal or recycling or utilisation or co-processing etc:	Generation, Collection, Storage, Disposal,

4. The Authorisation is Subject to the general and specific conditions as appended with the Authorization

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

Endst. No.

Dated:

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

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

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

A. GENERAL CONDITIONS

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

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

B. SPECIAL CONDITIONS

1. The industry shall not generate/ store/ collect/ dispose any other category of hazardous waste from its premise, except the category of hazardous waste(s) for which it has been granted this authorization under the HWM Rules, 2016.
2. The industry shall install online display board (digital type) in accordance with the Boards letter no. 17852-65 dated 14.08.2020 within one month (if not already provided) and submit compliance to the Board within 7 days, thereafter.
3. The industry shall execute agreement with the Common Hazardous Waste Treatment & Disposal Facility for lifting & disposal of its generated hazardous waste category 5.2 before 30.04.2024 & submit to the Regional Office of the Board. Further, ensure that the said HW is lifted from the TSDF as per provisions of the Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016, under proper manifest and shall maintain proper record in this regard, at all times.
4. The industry shall dispose of its hazardous waste category 5.1 and 35.1 to the authorized unit / recycler having valid Registration Certificate cum Pass Book from Punjab Pollution Control Board / Central Pollution Control Board and valid authorization of the State Board under the said Rules and consents to operate under the Water (Prevention & Control of Pollution) Act, 1974 & the Air (Prevention & Control of Pollution) Act, 1981 and authorization under the Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016, under proper manifest and shall maintain proper record in this regard, at all times
5. The industry shall store its hazardous wastes generated from different manufacturing activities/ otherwise, within its premises in an environmentally sound manner as per provisions of the Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016.
6. The industry shall ensure regular lifting of hazardous waste and also ensure that the quantity of hazardous waste generated per year shall not be stored beyond 90 days (extendable upto 180 days) in its premises at any time.
7. The industry shall handle the hazardous waste(s) strictly in accordance with the provisions of the Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016 and guidelines issued by Central Pollution Control Board / Ministry of Environment & Forests and Climate Change, New Delhi.
8. In case, the industry fails to comply with the above conditions of authorization as well as provisions of the Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016 and/or any other environmental law applicable to the industry and Rules, Circulars & Directions issued by the Board from time to time, the Board shall be constrained to take action against the industry under the provisions of the Pollution Control Laws.

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



Centre for Environment and Food Technology Pvt. Ltd.

An ISO 9001: 2015, ISO 45001: 2018 (OHSAS), ISO/IEC 17025: 2017
NABL & IQAS Accredited, FSSAI and MoEF Recognised Testing Laboratory

TEST REPORT

ISSUED TO: M/s MADHAV KRG HRC PVT LTD,
VILLAGE AKALGARH, NEAR TOLL PLAZA, AMLOH
BHADSON ROAD, BHADALTHUHA, PATIALA, PUNJAB-147203

Report No.	CEFT 2402 712	Report Date	27.02.2024
Your Ref. No.	Nil	Type of sample	Ground Water
Sample Code Given by Customer	Piezometer-1	Quantity	05 LITER
Sampling Location	Nil	Date of sampling	23.02.2024
Sample Collected By	Lab Person	Date of sample receipt	24.02.2024
Sampling procedure	As per SOP	Sample I.D.	CEFT GEN 2402 712
		Date of test	24.02.2024-27.02.2024

S. No.	Parameters	Results	Limits of IS: 10500 – 2012 (Amendment no. 1, June 2015)		Test method
			Requirement (Acceptable Limit)	Permissible limit in absence of alternate source	
1	pH	7.25	6.5 – 8.5	No relaxation	IS 3025 (Part-11)
2	Total Dissolved Solids mg/l Max	498	500	2000	IS 3025 (Part-16)
3	Alkalinity (as CaCO ₃) mg/l ,Max	84	200	600	IS 3025 (Part-23)
4	Chloride (as Cl), mg/l, Max	102.9	250	1594	IS 3025 (Part-32)
5	Sulphate (as SO ₄) mg/l, Max	45	200	400	IS 3025 (Part-24)
6	Calcium (as Ca) mg/l Max	60	75	200	IS 3025 (Part-40)
7	Magnesium (as Mg) mg/l, Max	23	30	100	IS 3025 (Part-46)
8	Total Hardness(as CaCO ₃) mg/l, Max	198	200	600	IS 3025 (Part-21)
9	Sodium (as Na) mg/l Max	53	-	-	IS 3025 (Part-45)
10	Potassium (as K) mg/l Max	10	-	-	IS 3025 (Part-45)
11	Nitrate (as NO ₃) mg/l, Max	33	45	No relaxation	IS 3025 (Part-34)
12	Fluoride (as F) mg/l Max	0.2	1.0	1.5	APHA 4500F (D)
13	Colour, Hazen unit, max	<1	5	25	IS 3025 (Part-4)
14	Odour	Agreeable	Agreeable	-----	IS 3025 (Part-5)
15	Turbidity, NTU max	<1	5	10	IS 3025 (Part-10)
16	Taste	Agreeable	Agreeable	-----	IS 3025 (Part -8)
17	Iron (as Fe) mg/l Max	0.2	1.0	No relaxation	IS 3025 (Part-53)
18	Boron (as B) mg/l Max	ND	0.5	1.0	IS 3025 (Part-57)
19	Manganese (as Mn) mg/l Max	ND	0.1	0.3	IS 3025 (Part-59)
20	Zinc (as Zn) mg/l Max	2.1	5	15	IS 3025 (Part-49)
21	Copper (as Cu) mg/l Max	ND	0.05	1.5	IS 3025 (Part-42)
22	Cadmium (as Cd) mg/l Max	ND	0.003	No relaxation	IS 3025 (Part-41)
23	Lead (as Pb) mg/l Max	ND	0.01	No relaxation	IS 3025 (Part-47)
24	Arsenic (as As) mg/l	ND	0.01	No relaxation	IS 3025 (Part-37)
25	Chromium (as Cr) mg/l Max	ND	0.05	No relaxation	IS 3025 (Part-52)
26	Sulphide (as H ₂ S), mg/l, Max	ND	0.05	No relaxation	APHA 24 th Edition

Bacteriological Examination: -

S. NO.	PARAMETERS	TEST RESULTS	LIMIT	TEST METHOD
1	E.coli/100ml	ABSENT	ABSENT	IS 15185 : 2016
	Coliform /100ml	ABSENT	ABSENT	IS 15185 : 2016

Note: ND Denotes Not Detectable

** End of the Report**

Note: The test results are related to the sample/ tested as identified.

2. The sample will be discarded after retention time of 7 days unless otherwise specified.

3. Any discrepancy found in the test report may be communicated within seven days.

4. This report shall not be reproduced, cannot be used as evidence in the court of law and should not be used in any advertising media without written permission of CEO, CEFT Pvt. Ltd.

5. The Court Jurisdiction will be Delhi.

6. Customer complaint register is available at the laboratory.





Centre for Environment and Food Technology Pvt. Ltd.

An ISO 9001: 2015, ISO 45001: 2018 (OHSAS); ISO/IEC 17025: 2017
NABL & IQAS Accredited, FSSAI and MoEF Recognised Testing Laboratory

TEST REPORT

ISSUED TO: M/s MADHAV KRG HRC PVT LTD,
VILLAGE AKALGARH, NEAR TOLL PLAZA, AMLOH
BHADSON ROAD, BHADALTHUHA, PATIALA, PUNJAB-147203

Report No.	CEFT 2402 706 to 708	Report Date	27.02.2024
Your Ref. No	NIL	Type of sample	Ambient Noise
Sample Code Given by Customer	NIL	Date of Monitoring	23.02.2024
Sampling Location	Within Premises	Sample I.D.	CEFT GEN 2402 706 to 708
Sample Monitored By	Lab Person	Date of test	23.02.2024
Sampling procedure	As per SOP		

Sr. No.	Location	Results dB(A)Leq	Standards dB(A)Leq	Test Method
1	Near Main Gate	70.4	75(DAY) As per Rule 2010	IS 9989
2	Near Gate F.G Gate	64.8	75(DAY) As per Rule 2010	IS 9989
3	Near Security Post	66.1	75(DAY) As per Rule 2010	IS 9989

Page No. 1/1

****End of Report****

Branch Office-111A, Sunder Enclave,First Floor, Near maa Shimla Homes,Opposite radha swami Satsung Bhawan, Kharar, Mohali,Punjab-140301



- Note :
1. The test results are related to the sample/ tested as identified.
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 5. The Court Jurisdiction will be Delhi.
 6. Customer complaint register is available at the laboratory.

Regd. Address - Bldg. No. 17, 1st Floor, DLF Industrial Area, Moli Nagar, New Delhi - 110015 Ph.: - 011-45012722

Email: info@ceftlab.com, Website : www.ceftlab.com



Centre for Environment and Food Technology Pvt. Ltd.

An ISO 9001: 2015, ISO 45001: 2018 (OHSAS); ISO/IEC 17025: 2017
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TEST REPORT

ISSUED TO: M/s MADHAV KRG HRC PVT LTD,
VILLAGE AKALGARH, NEAR TOLL PLAZA, AMLOH
BHADSON ROAD, BHADALTHUHA, PATIALA, PUNJAB-147203

Report No.	CEFT 2402 706 to 708	Report Date	27.02.2024
Your Ref. No	NIL	Type of sample	Ambient Noise
Sample Code Given by Customer	NIL	Date of Monitoring	23.02.2024
Sampling Location	Within Premises	Sample I.D.	CEFT GEN 2402 706 to 708
Sample Monitored By	Lab Person	Date of test	23.02.2024
Sampling procedure	As per SOP		

Sr. No.	Location	Results dB(A)Leq	Standards dB(A)Leq	Test Method
1	Near Main Gate	70.4	75(DAY) As per Rule 2010	IS 9989
2	Near Gate F.G Gate	64.8	75(DAY) As per Rule 2010	IS 9989
3	Near Security Post	66.1	75(DAY) As per Rule 2010	IS 9989

Page No. 1/1

****End of Report****

Branch Office-111A, Sunder Enclave,First Floor, Near maa Shimla Homes,Opposite radha swami Satsung Bhawan, Kharar, Mohali,Punjab-140301

- Note :
1. The test results are related to the sample/ tested as identified.
 2. The sample will be discarded after retention time of 7 days unless otherwise specified.
 3. Any Discrepancy found in the test report may be communicated within seven days.
 4. This report shall not be reproduced, cannot be used as evidence in the court of law and should not be used in any advertising media without written permission of CEO, CEFT Pvt. Ltd.
 5. The Court Jurisdiction will be Delhi.
 6. Customer complaint register is available at the laboratory.



Regd. Address - Bldg. No. 17, 1st Floor, DLF Industrial Area, Moli Nagar, New Delhi - 110015 Ph.: - 011-45012722

Email: info@ceftlab.com, Website : www.ceftlab.com

Madhav KRG HRC Pvt Limited, (Issue Date 03.07.2022)							
Sr.No.	Activities	Expenditure to be incurred			Actual Expenditure		
		Annual Expenditure	Timeline (5 Years from the start of the project)	Total Expenditure	2023-24	from 01.04.24 to 30.09.24	
1	Rainwater harvesting						
	Adoption of four ponds out of which 2 ponds are located in village bhadalthuha and badecha of nabha block and other 2 ponds are located in village akalgarh & sakrali of block amloh for rainwater harvesting and maintenance of ponds as per measures given below-i) Nano bubble technology to treat wastewater discharge into the pond.ii) Tree plantation of 6 ft.size around the pond.iii) Removal of solid waste, sludge and sit from the pond.iv) Landscaping around the pond.	Rs.36 lakhs (i.e RS.9 lakhs per pond)	5 years	Rs.180 lakhs	2170000	930000	
2	Issues raised during public hearing:						
	i) Rainwater harvesting: Adoption of the pond located in the village bhamsari jher of sirhind block based on sechnal model for rainwater harvesting and pond maintenance through measures given below: i) nano bubble technology to treat wastewater discharge into the pond. ii) Tree plantation of 6 ft. size around the pond. iii) Removal of solid waste sludge and sit from the pond. iv) Landscaping around the pond.	Rs.6 lakhs	5 years	Rs.30 lakhs	680020		
	ii) Plantation: Plantation drives in near by villages.	Rs.2 lakhs	5 years	Rs.10 lakhs	24500+8614=33114		
	iii) Education: i) Providing uniform books, etc. to needy students and repairing of primary school building located in village chehal. ii) Providing uniforms, books, etc to needy students of the nearby villages	Rs.4 lakhs Rs.2 lakhs	5 years 5 years	Rs.20 lakhs Rs.10 Lakhs			
	Total	Rs.50 lakhs		Rs.250 lakhs	2883134	930000	

For Madhav KRG HRC Private Limited

Auth. Signatory

Sr.No.	Environmental Protection Measures	Expenditure to be incurred		Actual expenditure		
		Capital Cost(Rs.in lakhs)	Recurring Cost(Rs.in LPA)	2022-23 04.07.2022 to 31.03.2023	2023-24	Expenditure from 01.04.24 to 30.09.24
1	Air pollution control(Installation Of APCD and continuous emission monitoring system)	853	2.5	27628721	49243310	1513000
2	Water pollution control (STP of capacity 90 KLD)	150	2		9641946	827121
3	Noise pollution control (Provision of acoustic enclose for DG sets)	5	2			1500000
4	Green Belt development by planting of 5950 tall plants of indigenous tree species.	55	55(for 3 years)		66400	2233881
5	Solid waste management	3	0.5			146000
6	Environment monitoring & management	3	5		725000	56130
7	Health,Safety & Risk Assessment (PPE kit for workers)	5	1		1214668	1036637
8	Rain Water harvesting system	8	0.5	13436965	6642226	
9	CER activities	250				
10	Miscellaneous	5	0.5			
	Total	RS.1337 lakhs	Rs.69 lakhs	41065686	67533550	7312769
						115912005

For Madhav KRG HRC Private limited


Auth. Signatory



भारत सरकार
GOVERNMENT OF INDIA
पर्यावरण, वन एवं जलवायु परिवर्तन मंत्रालय
MINISTRY OF ENVIRONMENT, FOREST AND CLIMATE CHANGE
क्षेत्रीय कार्यालय, चंडीगढ़ / Regional Office, Chandigarh



मिसिल संख्या :- 9-PBB419/2023-CHA
सेवा में,

दिनांक: .12.2023

अतिरिक्त मुख्य सचिव (वन),
पंजाब सरकार, लघु सचिवालय,
सेक्टर-9, चण्डीगढ़ ।
(fcf@punjab.gov.in)

विषय:- Diversion of 0.0212 ha of forest land permission for construction of approach access to Madhav KRG HRC Pvt. Ltd., on Nabha-Bhawanigarh-Gobindgarh road KM 41-42 R/side, at village Bhagwanpura Tehsil Amloh District Fatehgarh Sahib village Akalgarh Tehsil Nabha, District Patiala, Punjab. (Online proposal no. FPPB/Approach/153259/2022)

संदर्भ (i) State Government online proposal received on dated 21.07.2023.

(ii) अतिरिक्त प्रधान मुख्य वन संरक्षक, पंजाब सरकार के पत्र संख्या FOREST-FCA0FC2P/79/2022-FCA दिनांक 19.12.2023.

महोदय,

मुझे आपका ध्यान उपर्युक्त प्रस्ताव की और दिलाने का निर्देश हुआ है, जिसमें वन (संरक्षण) अधिनियम, 1980 की धारा- 2 के अधीन केन्द्रीय सरकार की अनुमति मांगी गई है। इस प्रस्ताव में इस कार्यालय के समसंख्यक पत्र दिनांक 28.10.2023 द्वारा सैद्धांतिक स्वीकृति प्रदान की गई थी, जिसकी अनुपालना रिपोर्ट अतिरिक्त प्रधान मुख्य वन संरक्षक व नोडल अधिकारी के पत्र संख्या FOREST-FCA0FC2P/79/2022-FCA दिनांक 19.12.2023 (ऑनलाइन पोर्टल) द्वारा प्राप्त होने के उपरान्त केन्द्र सरकार द्वारा उपर्युक्त उद्देश्य हेतु 0.0212 हेक्टेयर वन भूमि के उपयोग हेतु विधिवत स्वीकृति निम्नलिखित शर्तें पूरी करने पर प्रदान की जाती है:-

- वन भूमि की विधिक स्थिति बदली नहीं जाएगी।
- काटे जाने वाले बाधक वृक्षों/पौधों की संख्या किसी भी रूप में प्रस्ताव में दर्शायी गई संख्या से अधिक नहीं होगी और वृक्षों की कटाई के दौरान वन्यजीवों को किसी तरह का नुकसान नहीं पहुंचाया जाएगा।
- प्रतिपूर्ति पौधारोपण राज्य सरकार द्वारा प्रस्तावित सीए योजना के अनुसार Gulaher Minor RD Village Paid to Tail B/side, Samana & District Patiala, में पौधे लगाकर किया जाएगा और धन प्रयोक्ता एजेंसी द्वारा प्रदान किया जाएगा।
- अतिरिक्त प्रतिपूर्ति पौधारोपण राज्य सरकार द्वारा प्रस्तावित एसीए योजना के अनुसार Gulaher Minor RD Village Paid to Tail B/side, Samana & District Patiala, में पौधे लगाकर किया जाएगा और धन प्रयोक्ता एजेंसी द्वारा प्रदान किया जाएगा।
- प्रतिपूर्ति पौधारोपण और अतिरिक्त प्रतिपूर्ति पौधारोपण इस पत्र के जारी होने की तिथि से एक वर्ष के अन्दर हो जाना चाहिए।
- CEO, State CAMPA, इस कार्यालय द्वारा अनुमोदित सीए योजना के अनुसार CA वृक्षारोपण के लिए DFO को CAMPA Scheme के तहत धनराशि जारी करना सुनिश्चित करेंगे।
- DFO अनुमोदित CA Sites पर वृक्षारोपण करना सुनिश्चित करेंगे और MoEF&CC की अनुमति प्राप्त किए बिना अनुमोदित को नहीं बदलेंगे।
- राज्य सरकार प्रयोक्ता एजेंसी को वन भूमि को गैर वानिकी कार्यों के लिए हस्तान्तरण से पूर्व स्वीकृत प्रतिपूर्ति पौधारोपण (CA) क्षेत्र की KML फाइल को भारतीय वन सर्वेक्षण (FSI) के E-Green Watch पोर्टल पर अपलोड करना सुनिश्चित करेंगी।
- वन भूमि का प्रयोग प्रस्ताव में दर्शाये गये उद्देश्य के अलावा किसी अन्य उद्देश्य के लिये नहीं किया जायेगा।

I/60730/2023

- x. माननीय उच्चतम न्यायालय के निर्देशानुसार जब कभी भी NPV की राशि बढ़ाई जायेगी तो उस बढ़ी हुई NPV की राशि को जमा करने के लिए प्रयोक्ता एजेंसी बाध्य होगी और राज्य सरकार बढ़ी हुई राशि जमा कराना सुनिश्चित करेगी।
- xi. इस प्रस्ताव को 99 वर्षों के लिए अनुमति प्रदान की जायेगी, इसके उपरांत पुनः यह अनुमति भारत सरकार से प्राप्त करनी होगी। इस अनुमोदन के तहत Diversion की अवधि प्रयोक्ता एजेंसी के पक्ष में दी जाने वाली Lease की अवधि या परियोजना की अवधि जो भी कम हो के सह-समाप्ति होगी।
- xii. साथ लगते वन और वनभूमि को किसी तरह का कोई नुकसान नहीं पहुंचाया जायेगा और साथ लगते हुए वन और वनभूमि को बचाने के लिये सभी प्रयत्न किये जायेंगे।
- xiii. स्थानान्तरण के लिए प्रस्तावित वनभूमि को केंद्रीय सरकार की पूर्व अनुमति के बिना किसी भी परिस्थिति में किसी अन्य एजेंसी, विभाग या व्यक्ति विशेष को हस्तांतरित नहीं किया जायेगा।
- xiv. केंद्रीय सरकार की अनुमति के बिना प्रस्ताव के लेआउट प्लान को बदला नहीं जायेगा।
- xv. कूड़ा कर्कट निपटान जारी योजना के अनुसार किया जायेगा।
- xvi. अन्य कोई भी शर्त इस क्षेत्रीय कार्यालय द्वारा वन तथा वन्यजीवों के संरक्षण, सुरक्षा तथा विकास हेतु समय – समय पर लगाई जा सकती है।
- xvii. यदि आवश्यक हो तो प्रयोक्ता एजेंसी पर्यावरण (सुरक्षा) अधिनियम 1986, के अनुसार पर्यावरण अनुमति प्राप्त करेगी।
- xviii. इनमें से किसी भी शर्त का उल्लंघन वन संरक्षण अधिनियम, 1980 का उल्लंघन होगा तथा पर्यावरण, वन एवं जलवायु परिवर्तन मंत्रालय के Handbook of Forest (Conservation) Act, 1980 and Forest Conservation Rules, 2003 (Guidelines & Clarifications), 2019 में उल्लिखित दिशानिर्देश 1.21 के अनुसार कार्यवाई की जायेगी।
- xix. यदि कोई अन्य सम्बंधित अधिनियम/अनुच्छेद/नियम/न्यायालय आदेश/अनुदेशआदि इस प्रस्ताव पर लागू होते हैं तो उनके अधीन जरूरी अनुमति लेना राज्य सरकार की जिम्मेवारी होगी।

2. मंत्रालय इस स्वीकृति को स्थगित/रद्द कर सकता है यदि उपरोक्त शर्तों में से किसी भी शर्त का कार्यान्वयन सन्तोषप्रद नहीं है। **राज्य सरकार वन विभाग के माध्यम से इन शर्तों का पालन सुनिश्चित करेगी।**

भवदीय,

Signed by

Raja Ram Singh

Date: 22-12-2023 12:05:01

हस्ता/-

(राजा राम सिंह)

उप-वन- महानिरीक्षक

RO, MoEF&CC

प्रतिलिपि:-

1. वन महानिरीक्षक (ROHQ), पर्यावरण, वन एवं जलवायु परिवर्तन मंत्रालय, इंदिरा पर्यावरण भवन, जोर बाग, अलीगंज, नई दिल्ली। (ramesh.pandy@nic.in)
2. प्रधान मुख्य वन संरक्षक, पंजाब, फॉरेस्ट कॉम्प्लेक्स, सै०-68, एस० ए० एस० नगर, मोहाली, पंजाब। (pccfpunjab@gmail.com)
3. मुख्य कार्यकारी अधिकारी, CAMPA, फॉरेस्ट कॉम्प्लेक्स, सै०-68, एस० ए० एस० नगर, मोहाली, पंजाब। (ceo.puncampa@gmail.com)
4. वन मण्डल अधिकारी, वन मण्डल और जिला पटियाला, पंजाब। (dfo-pta@gmail.com)
5. Madhav KRG HRC Private Limited village Akalgarh Tehsil Nabha District Patiala। (Harjitsingh66955@gmail.com)



Centre for Environment and Food Technology Pvt. Ltd.

An ISO 9001; 2015, ISO 45001; 2018 (OHSAS); ISO/IEC 17025; 2017

NABL & IQAS Accredited, FSSAI and MoEF Recognised Testing Laboratory

TEST REPORT

ISSUED TO: M/s MADHAV KRG HRC PVT LTD,
VILLAGE AKALGARH, NEAR TOLL PLAZA, AMLOH
BHADSON ROAD, BHADALTHUHA, PATIALA, PUNJAB-147203

Report No.	CEFT/2408/179	Report Date	20.08.2024
Your Ref. No.	Nil	Type of sample	Ground Water
Sample Code Given by Customer	Piezometer-1	Quantity	05 LITER
Sampling Location	Nil	Date of sampling	12.08.2024
Sample Collected By	Lab Person	Date of sample receipt	13.08.2024
Sampling procedure	As per SOP	Sample I.D.	CEFT/GEN/2408/179
		Date of test	13.08.2024-20.08.2024

S. No.	Parameters	Results	Limits of IS: 10500 – 2012 (Amendment no. 1, June 2015)		Test method
			Requirement (Acceptable Limit)	Permissible limit in absence of alternate source	
1	pH	7.48	6.5 – 8.5	No relaxation	IS 3025 (Part-11)
2	Total Dissolved Solids mg/l Max	508	500	2000	IS 3025 (Part-16)
3	Alkalinity (as CaCO ₃) mg/l ,Max	202	200	600	IS 3025 (Part-23)
4	Chloride (as Cl ₁) mg/l, Max	161	250	1594	IS 3025 (Part-32)
5	Sulphate (as SO ₄) mg/l, Max	47	200	400	IS 3025 (Part-24)
6	Calcium (as Ca) mg/l Max	60	75	200	IS 3025 (Part-40)
7	Magnesium (as Mg) mg/l, Max	09	30	100	IS 3025 (Part-46)
8	Total Hardness(as CaCO ₃) mg/l, Max	190	200	600	IS 3025 (Part-21)
9	Sodium (as Na) mg/l Max	50	-	-	IS 3025 (Part-45)
10	Potassium (as K) mg/l Max	09	-	-	IS 3025 (Part-45)
11	Nitrate (as NO ₃) mg/l, Max	33.1	45	No relaxation	IS 3025 (Part-34)
12	Fluoride (as F) mg/l Max	0.5	1.0	1.5	APHA 4500F (D): 2023
13	Colour, Hazen unit, max	<1	5	25	IS 3025 (Part-4)
14	Odour	Agreeable	Agreeable	-----	IS 3025 (Part-5)
15	Turbidity, NTU max	<1	5	10	IS 3025 (Part-10)
16	Taste	Agreeable	Agreeable	-----	IS 3025 (Part -8)
17	Iron (as Fe) mg/l Max	0.4	1.0	No relaxation	IS 3025 (Part-53)
18	Boron (as B) mg/l Max	ND	0.5	1.0	IS 3025 (Part-57)
19	Manganese (as Mn) mg/l Max	ND	0.1	0.3	IS 3025 (Part-59)
20	Zinc (as Zn) mg/l Max	1.8	5	15	IS 3025 (Part-49)
21	Copper (as Cu) mg/l Max	ND	0.05	1.5	IS 3025 (Part-42)
22	Cadmium (as Cd) mg/l Max	ND	0.003	No relaxation	IS 3025 (Part-41)
23	Lead (as Pb) mg/l Max	ND	0.01	No relaxation	IS 3025 (Part-47)
24	Arsenic (as As) mg/l	ND	0.01	No relaxation	IS 3025 (Part-37)
25	Chromium (as Cr) mg/l Max	ND	0.05	No relaxation	IS 3025 (Part-52)
26	Sulphide (as H ₂ S), mg/l, Max	ND	0.05	No relaxation	APHA 24 th Edition 2023-4500 D

Bacteriological examination:-

S. NO.	PARAMETERS	TEST RESULTS	LIMIT	TEST METHOD
1	E.coli/100ml	ABSENT	ABSENT	IS 15185:2016
2	Coliform /100ml	ABSENT	ABSENT	IS 15185:2016

Note: ND Denotes Not Detectable

Page No.1/1

****End of Report****



Note : 1. The test results are related to the sample/ tested as identified.

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3. Any Discrepancy found in the test report may be communicated within seven days.

4. This report shall not be reproduced, cannot be used as evidence in the court of law and should not be used in any advertising media without written permission of CEO, CEFT Pvt. Ltd.

5. The Court Jurisdiction will be Delhi.

6. Customer complaint register is available at the laboratory.



Regd. Address - Bldg. No. 17, 1st & 2nd Floor, DLF Industrial Area, Moti Nagar, New Delhi - 110015 Ph.: - 011-45012722

Email: info@ceftlab.com, Website : www.ceftlab.com



Centre for Environment and Food Technology Pvt. Ltd.

An ISO 9001; 2015, ISO 45001; 2018 (OHSAS); ISO/IEC 17025; 2017
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TEST REPORT

ISSUED TO: M/s MADHAV KRG HRC PVT LTD,
VILLAGE AKALGARH, NEAR TOLL PLAZA, AMLOH
BHADSON ROAD, BHADALTHUHA, PATIALA, PUNJAB-147203

Report No.	CEFT 2408 172 to 175	Report Date	20.08.2024
Your Ref. No	NIL	Type of sample	Ambient Noise
Sample Code Given by Customer	NIL	Date of Monitoring	12.08.2024
Sampling Location	Within Premises	Sample I.D.	CEFT GEN 2408 172 to 175
Sample Monitored By	Lab Person		
Sampling procedure	As per SOP		

Sr. No.	Location	Results Db(A)Leq	Standards Db(A)Leq	Test Method
1	Near Main Gate	60.4	75(DAY) As per Rule 2010	IS 9989
2	Near Gate F.G Gate	63.7	75(DAY) As per Rule 2010	IS 9989
3	Near Security Post	65.0	75(DAY) As per Rule 2010	IS 9989
4	Near Shed No-6	67.3	75(DAY) As per Rule 2010	IS 9989

Note:

Page No.1/1

****End of Report****



Note : 1. The test results are related to the sample/ tested as identified.

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