



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, Amlon-Bhadson Road, Near Toll Plaza, Tehsil Nabha and Amlon, 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, Amlon-Bhadson Road, Near Toll Plaza, Tehsil Nabha & Amlon, 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.

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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:		
		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)
9.	Raw materials details	S. No.	Raw Materials	Quantity
		1.	Scrap	6,55,200 TPA
		2.	DRI (Direct Reduced Iron)	1,63,800 TPA

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:			
		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.
		Non-Hazardous waste:			
		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.
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

	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.	<u>Rainwater Harvesting</u> 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: 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	Rs. 6 lakhs	5 years	Rs. 30 lakhs
ii.	<u>Plantation</u> Plantation drives in nearby villages	Rs. 2 lakhs	5 years	Rs. 10 lakhs
iii.	<u>Education</u> i) Providing uniforms, books, etc. to needy students and repairing of Primary School building located in Village Chehal.	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