



सत्यमेव जयते

File No.: J-11015/445/2013-IA.II(M)  
Government of India  
Ministry of Environment, Forest and Climate Change  
IA Division

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Dated 11/11/2024



To,

Mr. B. Suresh  
M/s MY HOME INDUSTRIES PRIVATE LIMITED  
9th Floor, Block-3, My Home Hub, Madhapur, HYDERABAD, TELANGANA, 500081  
bsuresh@myhomeindustries.in

**Subject:** Expansion of Choutapalli Limestone Mine-II for enhancement of production capacity from 2.72 MTPA to 5.0 MTPA with the total Excavation of 5.582 MTPA (Limestone 5.0 MTPA + Over Burden 0.386 MTPA + Topsoil 0.196 MTPA) in the mine lease area of 156.586 Ha by M/s My Home Industries Private Limited located at Villages Choutapalli, Mattampalli Mandal and Mellacheruvu, Mellacheruvu Mandal, District Suryapet (Telangana) – For Environmental Clearance reg.

Sir/Madam,

This is in reference to your online application No. IA/TG/MIN/459729/2024 dated 24th January 2024, submitted to this Ministry for the grant of prior Environmental Clearance (EC) under the provisions of the EIA Notification, 2006, and its subsequent amendments for the project Expansion of Choutapalli Limestone Mine-II. The project aims to enhance the production capacity from 2.72 MTPA to 5.0 MTPA, with a total excavation of 5.582 MTPA (comprising 5.0 MTPA of limestone, 0.386 MTPA of overburden, and 0.196 MTPA of topsoil) in the mine lease area of 156.586 hectares. The project is proposed by M/s My Home Industries Private Limited and is located in the villages of Choutapalli, Mattampalli Mandal, and Mellacheruvu, Mellacheruvu Mandal, District Suryapet, Telangana.

2. The particulars of the proposal are as below :

(i) EC Identification No.	EC24B0000TG5430979N
(ii) File No.	J-11015/445/2013-IA.II(M)
(iii) Clearance Type	Fresh EC
(iv) Category	B1
(v) Project/Activity Included Schedule No.	1(a) Mining of minerals
(vi) Sector	Non-Coal Mining
(vii) Name of Project	Choutapalli Limestone Mine-II (ML Area:156.586 ha) of My Home Industries Private Limited for Increase of Limestone Production from 2.72 to 5.0

	MTPA with increase of Total Excavation from 2.846 MTPA to 5.582 MTPA
<b>(ix) Location of Project (District, State)</b>	SURYAPET, TELANGANA
<b>(x) Issuing Authority</b>	MoEF&CC
<b>(xii) Applicability of General Conditions</b>	No

3. The instant proposal is for the expansion of Choutapalli Limestone Mine-II to enhance the production capacity from 2.72 MTPA to 5.0 MTPA, with a total excavation of 5.582 MTPA (comprising 5.0 MTPA of limestone, 0.386 MTPA of overburden, and 0.196 MTPA of topsoil) in the mine lease area of 156.586 hectares. The project is proposed by M/s My Home Industries Private Limited and is located in the villages of Choutapalli, Mattampalli Mandal, and Mellacheruvu, Mellacheruvu Mandal, District Suryapet, Telangana.

4. The details of the project, as ascertained from the documents submitted by the Project Proponent (PP) and revealed during the discussions held in the meeting, are as follows:

i. The proposed project activity is listed at schedule no. 1(a) Mining of Minerals. The project falls under the category 'B' proposal, PP has submitted their application at central level due to the absence of SEIAA, Telangana and appraised at the Central level during 20 to 21 February, 2024. As per Ministry's O.M dated 27.09.2022, the project once considered at central level to be appraised at Central level.

ii. The mine lease area is located between Latitude 16<sup>0</sup>46'36.1"- 16<sup>0</sup>47'40.00" N and Longitude 79<sup>0</sup> 53' 49.00"- 79<sup>0</sup> 54' 53.4" E. The mine lease area falls under the Survey of India Toposheet No: 56 P/13 (Scale 1:150000) and falls in Seismic Zone-II.

iii. Details of previous Environmental Clearance (EC):

a) The PP submitted that initially Environmental Clearance was obtained vide Lr No J-11015/445/2013-IA.II(M) dated 14.10.2016 for a production of 2.72 MTPA in the mine lease area of 156.586ha in favour of M/s. UltraTech Cement Limited.

iv. Details of Terms of Reference:

a) The PP obtained Terms of Reference (ToR) vide file no. SIA/TG/M IN/420479/2023 dated 26.05.2023 for Choutapalli Limestone Mine-II (156.586 ha) of My Home Industries Private Limited.

v. Details of Mine Lease in chronological manner:

S.no	Prospecting License / Letter of Intent (LoI) / Grant of Mine lease and Lr No	Date of the grant	Name of the Mineral & (Major / Minor)	Period of Grant	Granted by	Mine lease area in Ha
1	Mine lease: G.O.Ms. No. 75	dated 20.12.2016	Limestone Major	50 years from 03.01.2017 to 02.01.2067	Govt of Telangana	156.586

S. No	Details of grant of Mine Lease deed execution	Period of Grant		Name of the Mineral	Mine lease area in Ha
		From	To		
1	Proceeding No. 5115/ML/LS/2012 DATED 03.01.2017	03.01.2017	02.01.2067	Limestone	156.586

vi. Land Use/Land Cover of the Mine Lease Area:

Private land	Private Agriculture Non-Irrigated Land – 151.163 Ha
Government land	Govt. Waste Land – 5.423 Ha
Forest land	0
Total Mining lease area (MLA)	156.586 Ha
Private land for crusher, workshop & other infrastructure outside the MLA	-

vii. Mining plan details:

Mining Plan including Progressive Mine Closure Plan (aPProved by Indian Bureau of Mines/DMG)	Letter No.	AP/KNL/MP/LST-74/HYD
	Date	07.03.2023
	Mineral & (Major/Minor)	Limestone - Major Mineral
	Mine Lease Area, Ha	156.586 Ha
	Validity	2022 - 2023 to 2025 -2026.
Mining Parameters	Quantitative Description	
Method of Mining	Open Cast Mechanized with deep hole drilling and blasting.	
Drilling/Blasting	Drilling is being carried out by wagon drills Blast holes having 115mm diameter are drilled at 15° inclination in a pattern of 3.0 m Burden and 6.0 m spacing.	
Geological Reserves	168.09 Million	
Mineable Reserves	135.01 Million	
Breakup of Total Excavation (Topsoil/OB/SB/IB/Mineral Rejects/ Waste/ MTPA)	Total Excavation of 5.582 MTPA (Limestone: 5.0 MTPA+ Over Burden:0.386 MTPA+ Topsoil:0.196 MTPA) in the existing area of 156.586 Ha	
Life of mine	27 years	
Mine Bench Height & Bench Width	Mine Bench Height: 7.5 m & Bench Width: 20m	
No. of Mine Benches	3	
Existing Depth, m bgl	23 m	
Ultimate Depth of Mining, m bgl	45 m bgl	
Ground Water Table, m bgl	30 m bgl	
Details of ground water intersection	No	
Individual bench slope	80°	
Overall pit slope	45°	
Details of existing/ proposed Crusher	Crusher of 1350 TPH capacity & 850 TPH located within cement plant area in Choutapalli Limestone Mine of MHIPL at a distance of 4.0 km (both ways) from the farthest mine pit to crusher.	
Mineral Beneficiation	None	
RoM output size	-75 mm	
Transportation details including capacity of dumper/tipper, mode of transport and distance	Limestone Transported by dumpers and crushed limestone is transported to cement plant through closed belt conveyor. (850 TPH & 1350 TPH) - at cement plant by a road length of 4 km	
Generation of Topsoil/OB & its Management during plan period & conceptual period	The total ML area is rocky terrain covered with around 0m to 6.5m (maximum) top soil cover except small portions of the area. The estimated total top soil generation during the life period of 50 years will be about 7,66,414.45 cu. mts. Out of the generated top soil quantity about 27,423.19 cu. mts of top soil will be stored. And the remaining top soil quantity of 7,38,991.26 cu. mts will be used for afforestation development along the barrier zone and proposed plantation areas during the 50 years life period of mine and reclamation of the worked out Pit preparation of soil bund.	
Generation of Mineral Rejects/ Waste & its Management during plan period & conceptual	No mineral rejects	

period	
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viii. Water requirement

Total water requirement	Present requirement = 30 m <sup>3</sup> /day After expansion = 125 m <sup>3</sup> /day	Fresh water	155 m <sup>3</sup> /day
		Treated water	-
Source	existing Mine pits of MHIPL		
Permission for withdrawal/ intersection along with details of grant and its validity	Not Applicable		

ix. Nearest village/town/ highway/interstate boundary/railway station/water bodies/monument/ forest

Particulars	Particular's Name	Distance & Directions
Village	Yepal Madhavaram	1.9 km – E
Town	Miryalaguda	36.5 km - WNW
Highway	NH-65 connecting Vijayawada – Hyderabad	1.7 km – NE
Interstate Boundary	Telangana – Andhra Pradesh	9.32km - SW
Railway Station/Railway line	Railway Station: Miryalaguda	39.8 km – WNW
	Railway line: Damercherla - Vijayawada	1.0 km in Northern direction
Water bodies	NSP Canal	0.05 km – W
	UraVagu	1.17 km – E
	Nearest Canal	3.13 km – ENE
	Krishna River	8.8 km – SSW
Forest	Raghunathapalem R F	– 0.2km - E

x. Presence of Environmentally Sensitive areas in the study area

Forest Land / Protected Area / Environmental Sensitivity Zone	Yes/No	Details of Certificate/letter issued by the concerned Department mentioning the Lr no, date of grant and remarks
Forest Land within the mine lease area and (if yes) status of Forest Clearance	No	-
National park	No	-
Wildlife Sanctuary	No	-
Elephant/Tiger Reserve	No	-
Eco-Sensitive Zone (ESZ) /Eco-Sensitive Area (ESA)	No	-
Coastal Regulation Zone (CRZ)	No	-
Schedule-I species (No.s and name of schedule-I species with authenticated letter)	Yes	There are Jackal, Indian Porcupine, Bonnet Macaque, Grey Mongoose, Indian Chameleon, Indian Cobra, Indian Rat Snake, Shikra, Eurasian Eagle Owl, Brahminy Kite, Small Minivet, River Tern, Barn Owl Schedule-I species recorded in study area for which Wild Life Conservation Plan is being initiated.
Wildlife Conservation Plan	Yes	Wildlife Conservation Plan is prepared and submitted to Forest Dept, Telangana State on 05.06.2024 for approval.

xi. Green belt/plantation details:

Proposed area for green belt/plantation and no. of saplings proposed	Proposed Afforestation: 1.42 Ha with 2130 sapling with a budget of Rs.4.26 Lakhs
Budget for green plant & plantation till the end of life of mine.	Proposed Capital Cost: Rs. 4.26 Lakhs Proposed Recurring Cost: Rs. 2.13 Lakhs
Budget for nursery	None
Details of existing plantation and its survival rate	· Existing Greenbelt: 3.45 Ha in 7.5 m barrier zone of ML area · Number of saplings:3327 · Amount spent Rs Lakhs:6.654 · Survival rate:60%

No. of tree cuts in the mine lease area and compensatory afforestation	nil
Particulars for Green belt/plantation	Area covered (in Ha)
7.5 m barrier & non-mineralized zone	4.87 Ha (width barrier zone all along ML boundary)

xii. Baseline detail

Baseline Data (Air / Water / Noise / Soil / Hydro geological study/ Traffic Study/ others)	
Period of baseline data collection	01.12.2022 to 28.02.2023
Season (Summer / Pre-monsoon / Post-monsoon / Winter)	Winter Season
Predominant Wind direction (From)	ESE-SE-SSE direction
Ambient Air Quality (no. of locations) and results	AAQ Parameters at 09 Locations PM10 = 41.6 to 70.6 µg/m <sup>3</sup> PM2.5 = 19.4 to 29.5 µg/m <sup>3</sup> SO <sub>2</sub> = 9.0 to 14.5 µg/m <sup>3</sup> NO <sub>2</sub> = 10.3 to 15.9 µg/m <sup>3</sup> CO: less than 1 PPM
Noise level (no. of locations) and results	Noise Levels At 9 Locations v Day time: Core zone: 71.4 to 73.9 dB (A); Buffer Zone: 51.6 to 54.7 dB (A) v Night time: Core zone 58.6 to 68.4 dB (A); Buffer Zone: 40.6 to 44.8 dB (A)
Water Quality (no. of locations) and results	Ground Water Quality At 08 Locations v pH = 7.10 – 7.36 v Total Hardness = 420 - 570 mg/l v Chlorides = 93 - 405 mg/l v Fluoride = 0.65 – 1.38 mg/l v Heavy Metals (Zinc) = <0.02 – 0.2 mg/l Surface Water Quality At 08 Locations pH: 7.18 to 7.63; DO: 4.5 to 5.3 mg/l; BOD: 2 to 3 mg/l ; COD: 11 to 19mg/l
Soil Quality (no. of locations) and results	Soil Quality 8 Locations Moderate fertility · pH Value of 1:2 aqueous extract Solution - 7.80 – 8.25 · E.C, mS/cm of 1:2 aqueous extract Solution - 0.138 - 0.716 · Mineralized Nitrogen (Available Nitrogen) , kg/ha - 36 – 325 · Available Phosphorous as P <sub>2</sub> O <sub>5</sub> , kg/Ha - 07 – 77 · Available Potassium as K <sub>2</sub> O, Kg/Ha - 47 – 960 · Organic Carbon, % - 0.1 – 0.64
Hydro geological study and results	Mellacheruvu Mandal which is falling in the study area has Groundwater availability for both the command and non-command area put together as 10980 ha.m. The groundwater utilization is 1215 ha.m and the balance available as 9765 ha.m. Hence the stage of groundwater development for the Mellacheruvu Mandal is estimated as 11% and falls under the Safe Category. No Ground water tapping and Recharging ground water table by converting mine pit into reservoir.
Traffic study (no. of locations) and results	The limestone from mine face will be transported by 40 tons capacity dumpers to crusher of 1350 TPH capacity & 850 TPH located within cement plant area in Choutapalli Limestone Mine of MHIPL at a distance of 4 km (both ways) from the farthest mine pit to crusher. The crushed limestone will be transported to cement plant through closed belt conveyor.

xiii. Public Hearing (PH) Details

Advertisement for PH with date (name of major national daily and one regional vernacular daily newspaper)	28.07.2023 "The New Indian Express" (English News Paper) and "Eeenadu" (Telugu News Paper).
Date of PH	31.08.2023 by Telangana State Pollution Control Board chaired
Venue	Near the existing mine lease area, Choutupalli & Mellacheruvu Villages, Mattampalli&MellacheruvuMandals, Suryapet District, Telangana.
Chaired by	Sri. S. Venkata Rao, IAS, Collector & District Magistrate, Suryapet District, Telangana.
Main issues raised during PH	<ul style="list-style-type: none"> <li>· Prefer Employment to locals</li> <li>· Drainage system to be developed in choutapalli</li> <li>· Development of schools in villages</li> <li>· Women to be trained in tailoring by setting up training centre</li> <li>· Roads to be repaired</li> <li>· Medical camps to be arranged</li> <li>· Plantation to be taken up I village</li> </ul>
Budget proposed for addressing issues raised during PH over 3 years	MHIPL has allotted Rs. 55.0 Lakhs towards the Public Hearing demands.

Details of public hearing action plan for 3 years.

Activities		Capital cost (Lakhs)			Recurring cost (Lakhs/annum)	
S. No.	Activity	Year 23-24	Year 24-25	Year 25-26	Total Rs In Lakhs	
<b>Swachh Bharat</b>						
1	Repair of drainage system in Choutapalli village	Physical Nos	1			
		@ Village	Choutapalli	Choutapalli	Choutapalli	
		Budget Rs Lakhs	3	3	3	9.0
<b>Education and Sports</b>						
1	Development of the schools in surrounding 3 villages	Physical Nos	1	1	1	3
		@ Village	Mellacheruvu	Yepalnadaram	Choutapalli	
		Budget Rs Lakhs	9	9	9	27*
<b>Women welfare</b>						
1	Women training – Tailoring and providing sewing machines	Physical Nos	1	2	1	
		@ Village	Mellacheruvu	Yepalnadaram Mattapalli	Choutapalli ,	
		Budget RsLakhs	20	20	10	50*
<b>Roads development</b>						
1	Repairing of roads in villages	Physical Nos	1	1	-	
		@ Village	Choutaplli	Mellacheruvu		
		Budget Rs Lakhs	5	5		10
<b>Skilldevelopment</b>						
1	Sill development for 30 youth for 3 years from	Physical Nos				

Activities			Capital cost (Lakhs)			Recurring cost (Lakhs/annum)
S. No.	Activity		Year 23-24	Year 24-25	Year 25-26	Total Rs In Lakhs
	each village	@ Village	Choutaplli	Mellacheruvu	Yepalamadaram	
		Budget Rs Lakhs	9	9	9	27
Health care						
1	.Medical camps special to be conducted	Physical Nos	1	1	1	
		@ Village	Choutaplli	Mellacheruvu	Yepalamadaram	
		Budget Rs Lakhs	2	2	2	6
						55

xiv. Details of CTE/CTO, Certified Compliance Report, Certified Production details from the inception of the mine:

Particulars	Details of Letter along with date of grant and validity
Consent to Establish	18.11.2016
Consent to Operate	23.07.2021 valid up to 30.06.2026.
Certified Compliance Report and Inspection date	PP has submitted the CCR vide File No: 1-25/2023/IRO-HYD/857 dated 23.11.2023 after visiting the site on 18 & 19 <sup>th</sup> October, 2023.
Certified Production Details from the inception of the mine (in tabular form against the EC capacity)	PP has submitted the past production details.

xv. Rehabilitation & Resettlement:

R & R details	The PP submitted that R&R is not applicable to the instant project.
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xvi. Court case details:

Court Case No and its present Status	No Litigation case is pending against the proponent. MHIPL has not received any notice under the Section 5 of Environment (Protection) Act, 1986 or relevant Sections of Air and Water Acts. However, a case has been filed against the Telangana Pollution Control Board in the Hon'ble High Court of Telangana W.P.No.23937 of 2023 praying for cancellation of Public Hearing. In which MHIPL is a respondent. However, the Court dismissed the plea and instructed to continue the PH through an Interim order.
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xvii. Affidavit/Undertaking details:

Affidavit as per Ministry's OM dated 30.05.2018	Project proponent submitted an affidavit vide letter no. AZ 718586 dated 29.11.2023.
Undertaking by PP in EIA/EMP report	Project proponent submitted an undertaking vide dated 27.06.2024 in the Final EIA Report
Undertaking by Consultant in EIA/EMP report	Consultant submitted an undertaking dated 27.11.2023 in the Final EIA Report
Plagiarism Certificate	-----

xviii. Details of the Environmental Management Plan (EMP):

Activities	Capital cost (Lakhs)	Recurring cost
Air Pollution Control Measures - Dust Suppression Measures (Atomized Water spray system and water tankers)	30	20
Environmental Monitoring	0	9.62
Greenbelt development	4.26	3.2
Construction of retaining wall 1088 m - Rs 150/m	1.65	-
Construction and Maintenance of garland drain-1088 m –cost of proclainer per hour for 5m	1.3	0.5

length of garland drain is Rs 600 per hour		
Construction of settling tank and De-silting operations	2.0	0.5
Occupational Health	2.15	1.35
Total (Lakhs)	41.38	35.17

xix. PP has submitted the following details of public hearing action plan for 3 years:

Activities		Capital cost (Lakhs)		Recurring cost (Lakhs/annum)		
S. No	Activity	1 <sup>st</sup> Year	2 <sup>nd</sup> Year	3 <sup>rd</sup> Year	Total Rs In Lakhs	
<b>SWACHH BHARAT</b>						
1	Repair of drainage system in Choutapalli village	Physical Nos	1			
		@ Village	Choutapalli	Choutapalli	Choutapalli	
		Budget Rs Lakhs	3	3	3	9.0
<b>EDUCATION AND SPORTS</b>						
1	Development of the schools in surrounding 3 villages	Physical Nos	1	1	1	3
		@ Village	Mellacheruvu	Yepalmadaram	Choutapalli	
		Budget Rs Lakhs	9	9	9	27*
<b>WOMEN WELFARE</b>						
1	Women training – Tailoring and providing sewing machines	Physical Nos	1	2	1	
		@ Village	Mellacheruvu	Yepalmadaram Mattapalli	Choutapalli ,	
		Budget Rs Lakhs	20	20	10	50*
<b>ROADS DEVELOPMENT</b>						
1	Repairing of roads in villages	Physical Nos	1	1	-	
		@ Village	Choutaplli	Mellacheruvu		
		Budget Rs Lakhs	5	5		10
<b>SKILLDEVELOPMENT</b>						
1	Sill development for 30 youth for 3 years from each village	Physical Nos				
		@ Village	Choutaplli	Mellacheruvu	Yepalamadaram	
		Budget Rs Lakhs	9	9	9	27
<b>HEALTH CARE</b>						
1	.Medical camps special to be conducted	Physical Nos	1	1	1	
		@ Village	Choutaplli	Mellacheruvu	Yepalamadaram	
		Budget Rs Lakhs	2	2	2	6
					55	

xx. Details of project cost and employment:

Particulars	(Rs. In Lakhs)
Total cost of EMP (Capital Cost of EMP + capital cost of Public hearing)	Capital Cost of EMP: Rs. 41.38 Lakhs Capital cost of Public hearing: Rs.55 Lakhs
Project Cost	100
Employment (No.s)	Existing employment - 27 persons additional employment - 43 persons

Earlier the proposal was considered in the 27<sup>th</sup> EAC (NCM) meeting held during 20-21st February 2024 wherein the Committee deferred the proposal and asked to submit the requisite information. The PP has submitted the following reply vide letter dated 15.06.2024:

S.No	Observation of EAC	Reply by project proponent
1	The PP needs to achieve the previously	The subject limestone mine was linked to new Cement Plant Unit-IV



	issued EC capacity of 2.72 MTPA before seeking an expansion from 2.72 to 5 MTPA of limestone production.	project. Due to delay in implementation of cement plant project, COVID 19 pandemic and stuck in market demand, limestone production from the subject mine was not achieved to the EC permitted capacity. Further, now Project Proponent have proposed capacity enhancement of Unit-IV (Clinker 1.75 MTPA to 3.5 MTPA and Cement-1.75 MTPA to 2.5 MTPA), expansion of limestone production from subject mine is linked to cement plant expansion. Project proponent requested the Ministry to process the proposal for expansion, on merit, considering the facts.
2	The PP should explore the possibility for the incorporating mobile crushers within the ML area and submit a detail plan.	Limestone requirement for cement plant of 3.5 MTPA clinker capacity will be about 5.25 MTPA i.e about 17,500 TPD. Limestone crusher capacity is @1300 TPH supplied by L&T. L&T also manufactures mobile crushers but they are limited to capacities of 300 TPH to 400 TPH for coal and even smaller capacity for limestone. Operational hindrances of mobile crusher as per L&T are presented. Considering the facts incorporating mobile crushers of such a capacity within ML area may not be practically possible.
3	PP should submit the plan for making rainwater harvesting facility within / outside the ML area and for the near villagers.	Rainwater harvesting capacity of about 4,60,000 m3 capacity is already made in the workout mine pits of company's other captive limestone mines in the vicinity. Rainwater harvesting facility of about 80,000 m3 capacity is also constructed inside existing Cement Plant premises. Water is being used for gainful purpose for cement plant and also by nearby farmers for irrigation. Current IBM approved mining plan/working plan will be modified with the provision for rainwater harvesting facility within subject ML area.
4	PP needs to conduct the blasting study in order to find the impact upon the existings irrigation canal passing through the ML area.	Blasting study is already conducted through NIT, Suratkal for canal safety. Blasting activities will be adopted strictly according to the blasting study report and DGMS guidelines. 50 m safety barrier is left from the lease boundary towards the canal.
5	PP needs to submit NOC from the irrigation department	NOC issued by irrigation Dept vide dated 13.06.2024
6	PP should prepare the specific species conservation plan & submit the proof of submission of conservation application.	Wildlife Conservation Plan submitted to Forest Dept, Telangana State for approval vide dated 05.06.2024.

##### 5. Observation and Recommendation of Committee:

The PP/EIA Consultant presented the KML file to indicate the site features in the vicinity of the mine lease area and the study area of 10 km radius. The PP showed the boundary of the mine lease area and cement Plant supported by Choutapalli Limestone Mine-II.

The EAC noted that the PP has obtained the mining lease from Telangana State vide G.O. Ms.No. 75 on 20-12-2016 for 50 years from 03.01.2017 to 02.01.2067 over an area of 156.586 Ha. (Non Forest Land) consist of 151.163 Ha-Private Agriculture Non- irrigated land and 5.423 Ha is Govt. waste land). The Mine lease was executed vide Proc.No..5115/ML/LS/2012 dated 03.01.2017. The PP has obtained the No Forest involved letter from DFO, Forest Department, Suryapet , dated 11.05.2023. The instant mine had already obtained the Environmental Clearance for 2.72 MTPA (Limestone) from MOEFCC No. vide F.No. J-11015/445/2013-IA-II(M) dated: 14.10.2016. The mine is under operation since 22.02.2018. The PP has obtained the revised mine plan for the instant mine vide Lr.No. AP/KNL/MP/LST-74/ HYD dated 07.03.2023. The PP has obtained the certified compliance report from MOEFCC, Hyderabad vide F.No. 1- 25/2023/IRO-HYD/857 dated 23.11.2023. The PP after collecting the baseline data in Winter

Season i.e. from December 2022 to February 2023 conducted the public hearing on 31.08.2023.

Thereafter PP and the Consultant presented the reply to the ADS raised vide EAC minutes of the 27<sup>th</sup> EAC meeting held during 20-21 Feb 2024. With regard to the issue of achieving previously issued EC capacity of 2.72 MTPA, PP submitted that due to delay in implementation of cement plant project, COVID 19 pandemic and stuck in market demand, limestone production from the subject mine was not achieved to the EC permitted capacity, however, now they have linked the limestone mine with been linked to Cement Plant Unit-IV project (Clinker 1.75 MTPA to 3.5 MTPA and Cement-1.75 MTPA to 2.5 MTPA), and the expansion of limestone production is linked with it.

PP further reported the operational hindrances with regard to the installation of mobile crusher. PP mentioned that limestone crusher supplied by L&T is limited to capacities of 300 TPH to 400 TPH for coal and even smaller capacity for limestone accordingly, installing a mobile crusher in the lease area shall not be practically possible. PP submitted that at present Limestone is transported to the crusher by 40-ton dumpers from the mine pit to the crusher and then to the cement plant through a closed conveyor for its captive use. The said crusher is located in the adjacent mine lease. EAC noted the submission of the PP and enquired about the rainwater harvesting facilities within the ML area. PP submitted that 4,60,000 m<sup>3</sup> Rainwater harvesting capacity is already made in the worked out mine pits of company's other captive limestone mines in the vicinity. Rainwater harvesting facility of about 80,000 m<sup>3</sup> capacity is also constructed inside existing Cement Plant premises. Water is being used for gainful purpose for cement plant and also for nearby farmers for irrigation. PP also stated that current IBM approved mining plan/working plan will be modified with the provision for further rainwater harvesting facility within ML area. With regard to blasting study, PP submitted that blasting study was conducted through NIT Suratkal for canal safety and, maximum reported PPV is less than 0.51 mm/sec at 250 m distance. The EAC opined that PP should follow the recommendation of the blasting study report and DGMS guidelines. PP also submitted NoC letter dated 13.06.2024, issued Irrigation & CAD Department, Government of Karnataka.

Based on aforesaid discussion and detailed deliberations, the EAC, **recommended** the proposal for Environmental Clearance in the 31<sup>st</sup> EAC (Non-Coal Mining) meeting held during 4-5<sup>th</sup> July, 2024 for expansion of expansion of Choutapalli Limestone Mine-II for enhancement of production capacity from 2.72 MTPA to 5.0 MTPA with the total Excavation of 5.582 MTPA (Limestone 5.0 MTPA + Over Burden 0.386 MTPA + Topsoil 0.196 MTPA) in the mine lease area of 156.586 Ha by M/s My Home Industries Private Limited located at Villages Choutapalli, Mattampalli Mandal and Mellacheruvu, Mellacheruvu Mandal, District Suryapet (Telangana) subject to the specific conditions applicable for non-coal mining projects (**Annexure I**).

6. The MoEF&CC has examined the proposal in accordance with the provisions contained in the Environment Impact Assessment (EIA) Notification, 2006 and further amendments thereto and based on the recommendations of the EAC hereby accords Environment Clearance for the instant proposal to M/s. B. Suresh of **M/s My Home Industries Private Limited** under the provisions of EIA Notification, 2006 and as amended thereof subject to compliance of the Specific and Standard EC conditions as given in Annexure (2)

7. The Ministry 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. The Ministry may revoke or suspend the environmental clearance, if implementation of any of the above conditions is not found satisfactory.

8. The Environmental Clearance to the aforementioned project is under provisions of EIA Notification, 2006. It does not tantamount to approvals/consent/permissions etc. required to be obtained under any other Act/Rule/regulation. The Project Proponent is under obligation to obtain approvals /clearances under any other Acts/ Regulations or Statutes, as applicable, to the project.

9. The PP is under obligation to implement commitments made in the Environment Management Plan, which forms part of this EC.

## 10. General Instructions:

1. The project proponent shall prominently advertise it at least in two local newspapers of the District or State, of which one shall be in the vernacular language within seven days indicating that the project has been accorded environment clearance and the details of MoEF&CC website where it is displayed.
2. 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 must display the same for 30 days from the date of receipt.
3. The project proponent shall have a well laid down environmental policy duly approved by the Board of Directors (in case of Company) or competent authority, duly prescribing 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.
4. Action plan for implementing EMP and environmental conditions along with responsibility matrix of the project proponent (during construction phase) and authorized entity mandated with compliance of conditions (during operational phase) shall be prepared. The year wise funds earmarked for environmental protection measures shall be kept in separate account and not to be diverted for any other purpose. Six monthly progress of implementation of action plan shall be reported to the Ministry/Regional Office along with the Six-Monthly Compliance Report.
5. Concealing factual data or submission of false/fabricated data may result in revocation of this environmental clearance and attract action under the provisions of Environment (Protection) Act, 1986.
6. The Regional Office of this MoEF&CC shall monitor compliance of the stipulated conditions. The project authorities should extend full cooperation to the officer (s) of the Regional Office by furnishing the requisite data / information/monitoring reports.
7. Any appeal against this EC shall lie with the National Green Tribunal, if preferred, within a period of 30 days as prescribed under Section 16 of the National Green Tribunal Act, 2010.
8. PP needs to comply the OM dated 24.07.2024 of MoEF&CC, where it is stated that the plantation of saplings shall be carried out in the earmarked 33% greenbelt area as part of the tree plantation campaign " EK Ped Ma ke Naam" (एक पेड़ माँ के नाम (and the details of the same shall be uploaded in the MeriLife portal (<https://merilife.nic.in>)).

11. This issues with the approval of Competent Authority.

### **Copy To**

- i. **The Secretary**, Ministry of Mines, Government of India Shastri Bhawan, New Delhi.
- ii. **The Secretary**, Department of Environment, Government of Telangana, Hyderabad.
- iii. **The Secretary**, Department of Forests, Government of Telangana, Hyderabad.
- iv. **The Secretary**, Department of Mines and Geology, Government of Telangana, Hyderabad.
- v. **The Secretary**, Department of Industries and Commerce (M-III), Government of Telangana, Hyderabad.
- vi. **The Deputy Director General of Forests (C)**, Regional Office/Sub Regional office, 3<sup>rd</sup> Floor, Room No. 309, Aranya Bhawan, Opp. RBI, Safiabab – 500004, Hyderabad, Telangana.
- vii. **The Chief Wildlife Warden**, Government of Telangana, Telangana Forest Department, Aranya Bhawan, Saifabad, Hyderabad-500004.
- viii. **The Chairman**, Central Pollution Control Board, Parivesh Bhawan, CBD-Cum-Office Complex, East Arjun Nagar, New Delhi-110 032.
- ix. **The Chairman**, Telangana State Pollution Control Board, A-3, Paryavaran Bhawan, Sanath Nagar Rd, Sanath Nagar Industrial Estate, Sanath Nagar, Hyderabad, Telangana-500018.

- x. **The Member Secretary**, Central Ground Water Authority, A 2, W-3, Curzon road, Barracks, K.G Marg, New Delhi-110011.
- xi. **The Controller General**, Indian Bureau of Mines, Indira Bhavan, Civil Lines, Nagpur- 440 001.
- xii. **The District Collector**, Suryapet District, Government of Telangana.
- xiii. **Guard File**.
- xiv. **PARIVESH Portal**.

## Annexure 1

### Specific EC Conditions for (Mining Of Minerals)

#### 1. Specific Conditions

S. No	EC Conditions
1.1	The Project Proponent needs to ensure that the machinery requirement/capacity shall match with the proposed expansion production capacity so as to avoid the sudden increase in pollution load.
1.2	No public road shall be used for mineral transportation purpose.
1.3	PP shall carry out blasting as per the recommendation of the report prepared by NIT Surathkal and shall strictly adhere to DGMS norms to ensure the safety of the canal passing adjacent to the Mine lease.
1.4	The mined out pits shall be used as Water reservoir/Pisciculture. Fencing should be made to prevent any inadvertent entry of men and cattle.
1.5	The Continuous Ambient Air Quality Monitoring Stations (CAAQMS) shall be installed and commissioned in consultation with CPCB. The real time data so generated should be displayed digitally at entry and exit gate of mine lease area for public display and shall be linked to server of CPCB/SPCB.
1.6	The Project Proponent shall monitor the air quality, noise level, water quality, water level and ground vibration during drilling and blasting at the edge of the mine, near the village, crusher and at other sensitive receptors and such collected data shall be submitted quarterly to the Ministry's Regional Office.
1.7	The Project Proponent needs to explore the possibility of using advanced/ latest mining technologies available so as to minimize the ecological impacts.
1.8	The Project Proponent needs to use modern equipment's such as Camera Traps for ensuring presence and movement of wild animals in the vicinity of the mine lease area as well as in study area in consultation with Wildlife Wing of Forest Department. Appropriate interventions shall be taken to minimise stress conditions for wild animals and to avoid Man-Animal conflict.
1.9	The Project Proponent should follow-up the status of implementation on Wildlife Conservation Plan from the Forest Officials and the same shall be submitted to the Ministry's Regional Office in the six monthly compliance report.
1.10	The Project Proponent needs to make provision for permanent water sprinklers in addition to mobile water tankers. About, 10 nos. of fog canon/mist sprayer of atleast 40 m throw shall be installed at various locations in the mine area. Effective dust suppression system shall also be adopted at other

S. No	EC Conditions
	parts of the mining lease to arrest the fugitive dust emission. The Project Proponent needs to put effort to reduce water consumption by 30%.
1.11	The Project Proponent needs to complete the entire peripheral plantation under green belt, safety barrier plantation and gap plantation within three years. The Project Proponent should plant quality sapling of appropriate height of native and fruit bearing species. In case of tall transplants (seedlings) the seedlings should have proper trained root stock with root biomass commensurate with seedling height to ensure good growth after out planting. Plantation shall be undertaken in consultation with the State Forest Department. The Project Proponent shall make the actual count on the saplings planted and its survival rate and in case of failure of achievement of 95% survival rate, action plan for achieving the target survival rate shall be submitted to the Ministry's Regional Office.
1.12	The budget of Rs 55 Lakhs to address the concerns raised by the public in the public consultation to be completed within 3 years from the date of start of mining operations. PP shall comply with all action plans made for public hearing concerns and make regular maintenance and record the progressive activity outcomes. The Project proponent shall ensure that the activities proposed under the public hearing is different from the CSR activities.
1.13	The Project Proponent shall create awareness among the local people working within the project area as well as its surrounding area on the ban of Single Use Plastic (SUP) in order to ensure the compliance of Notification published by MoEF&CC on 12/08/2021. A report, along with photographs, on the measures taken shall also be included in the six monthly compliance report.
1.14	The Project Proponent should adopt the proper mitigation measures as proposed under EMP with budgetary provision of Rs 41.38 Cr. The adoption of mitigation measures and monitoring of the same as proposed in the EMP shall be done under the supervision of the qualified environmental personnel. The implementation status of the same shall be submitted to the Ministry's Regional Office.
1.15	The Project Proponent should establish in house (at project site) environment laboratory for measurement of environment parameter with respect to air quality and water (surface and ground). A dedicated team to oversee environment management shall be setup at site which should comprise of Environment Engineers, Laboratory chemist and staff for monitoring of air, water quality parameters on routine basis instead of engaging environment monitoring laboratories/consultants. Any non-compliance or infringement should be reported to the concerned authority.
1.16	The Project Proponent shall explore the possibility of using atleast 20% of Electric vehicles/CNG/Solar instead of diesel operation within three years.The PP shall install renewable /solar system inorder to eliminate dependence on non-renewable source.
1.17	NoC from the Central Ground Water Authority (CGWA)/ Concerned Local authority, as the case may be, shall be obtained before drawing the ground water for the project activities, State Pollution Control Board / Pollution Control Committees shall not issue the Consent to Operate (CTO) under Air (Prevention and Control of Pollution) Act and Water (Prevention and Control of Pollution) Act till the project proponent shall obtain such permission.
1.18	The Project Proponent shall also organize employment-based apprenticeship/ internship training program every year with appropriate stipend for the youth and other programs to enhance the skill of the local people. The data should be maintained for the training imparted to the persons and the

S. No	EC Conditions
	outcome of the training, for the assessment of the training program should be analyzed periodically and improved accordingly. The preference shall be given to the local people for the purpose of employment..
1.19	The Project Proponent should periodically monitor and maintain the health records of the mine workers digitally prior to mining operations, at the time of operation of mine and post mining operations. Regular surveillance on occupational health shall be carried out every year for mine workers. PP shall also organize medical camp for the benefit of the local people and also the monitor the health impacts due to mining activity.
1.20	The mining lease holders shall, after ceasing mining operations, undertake regrassing the mining area and any other area which may have been disturbed due to their mining activities and restore the land to a condition which is fit for growth of fodder, flora, fauna etc. The implementation report of the above said condition shall be submitted to the Ministry's Regional Office.
1.21	The Project Proponent shall seek permission from Ministry before installing any crusher in the mine lease area.
1.22	The Project Proponent shall periodically maintain the garland drains, retaining wall and other water management structures in the mine lease area.

**Standard EC Conditions for (Mining of minerals)**

**1. Statutory Compliance**

S. No	EC Conditions
1.1	This Environmental Clearance (EC) is subject to orders/ judgment of Hon'ble Supreme Court of India, Hon'ble High Court, Hon'ble NGT and any other Court of Law, Common Cause Conditions as may be applicable.
1.2	The Project proponent complies with all the statutory requirements and judgment of Hon'ble Supreme Court dated 2nd August, 2017 in Writ Petition (Civil) No. 114 of 2014 in matter of Common Cause versus Union of India &Ors before commencing the mining operations.
1.3	The State Government concerned shall ensure that mining operation shall not be commenced till the entire compensation levied, if any, for illegal mining paid by the Project Proponent through their respective Department of Mining & Geology in strict compliance of Judgment of Hon'ble Supreme Court dated 2nd August, 2017 in Writ Petition (Civil) No. 114 of 2014 in matter of Common Cause versus Union of India & Ors.
1.4	The Project Proponent shall follow the mitigation measures provided in MoEFCC's Office Memorandum No. Z-11013/57/2014-IA.II (M), dated 29th October, 2014, titled "Impact of mining activities on Habitations-Issues related to the mining Projects wherein Habitations and villages are the part of mine lease areas or Habitations and villages are surrounded by the mine lease area".
1.5	A copy of EC letter will be marked to concerned Panchayat / local NGO etc. if any, from whom suggestion / representation has been received while processing the proposal.

S. No	EC Conditions
1.6	State Pollution Control Board/Committee shall be responsible for display of this EC letter at its Regional office, District Industries Centre and Collector's office/ Tehsildar's Office for 30 days.
1.7	The Project Authorities should widely advertise about the grant of this EC letter by printing the same in at least two local newspapers, one of which shall be in vernacular language of the concerned area. The advertisement shall be done within 7 days of the issue of the clearance letter mentioning that the instant project has been accorded EC and copy of the EC letter is available with the State Pollution Control Board/Committee and web site of the Ministry of Environment, Forest and Climate Change (www.parivesh.nic.in). A copy of the advertisement may be forwarded to the concerned MoEFCC Regional Office for compliance and record.
1.8	The Project Proponent shall inform the MoEF&CC for any change in ownership of the mining lease. In case there is any change in ownership or mining lease is transferred. PP needs to apply for transfer of EC as per provisions of the para 11 of EIA Notification, 2006 as amended from time to time.

## 2. Air Quality Monitoring And Preservation

S. No	EC Conditions
2.1	The Project Proponent shall install a minimum of 3 (three) online Ambient Air Quality Monitoring Stations with 1 (one) in upwind and 2 (two) in downwind direction based on long term climatological data about wind direction such that an angle of 120° is made between the monitoring locations to monitor critical parameters, relevant for mining operations, of air pollution viz. PM10, PM2.5, NO2, CO and SO2 etc. as per the methodology mentioned in NAAQS Notification No. B-29016/20/90/PCI/I, dated 18.11.2009 covering the aspects of transportation and use of heavy machinery in the impact zone. The ambient air quality shall also be monitored at prominent places like office building, canteen etc. as per the site condition to ascertain the exposure characteristics at specific places. The above data shall be digitally displayed within 03 months in front of the main Gate of the mine site.
2.2	Effective safeguard measures for prevention of dust generation and subsequent suppression (like regular water sprinkling, metalled road construction etc.) shall be carried out in areas prone to air pollution wherein high levels of PM10 and PM2.5 are evident such as haul road, loading and unloading point and transfer points. The Fugitive dust emissions from all sources shall be regularly controlled by installation of required equipments/ machineries and preventive maintenance. Use of suitable water-soluble chemical dust suppressing agents may be explored for better effectiveness of dust control system. It shall be ensured that air pollution level conform to the standards prescribed by the MoEFCC/ Central Pollution Control Board.

## 3. Water Quality Monitoring And Preservation

S. No	EC Conditions
3.1	In case, immediate mining scheme envisages intersection of ground water table, then Environmental Clearance shall become operational only after receiving formal clearance from CGWA. In case, mining operation involves intersection of ground water table at a later stage, then PP shall ensure that prior approval from CGWA and MoEFCC is in place before such mining operations. The permission for intersection of ground water table shall essentially be based on detailed hydro-

S. No	EC Conditions
	geological study of the area.
3.2	Project Proponent shall regularly monitor and maintain records w.r.t. ground water level and quality in and around the mine lease by establishing a network of existing wells as well as new piezo-meter installations during the mining operation in consultation with Central Ground Water Authority/ State Ground Water Department. The Report on changes in Ground water level and quality shall be submitted on six-monthly basis to the Regional Office of the Ministry, CGWA and State Groundwater Department / State Pollution Control Board.
3.3	The Project Proponent shall undertake regular monitoring of natural water course/ water resources/ springs and perennial nallahs existing/ flowing in and around the mine lease including upstream and downstream. Sufficient number of gullies shall be provided at appropriate places within the lease for management of water. The parameters to be monitored shall include their water quality vis-à-vis suitability for usage as per CPCB criteria and flow rate. It shall be ensured that no obstruction and/ or alteration be made to water bodies during mining operations without justification and prior approval of MoEFCC. The monitoring of water courses/ bodies existing in lease area shall be carried out four times in a year viz. pre- monsoon (April May), monsoon (August), post-monsoon (November) and winter (January) and the record of monitored data may be sent regularly to Ministry of Environment, Forest and Climate Change and its Regional Office, Central Ground Water Authority and Regional Director, Central Ground Water Board, State Pollution Control Board and Central Pollution Control Board. Clearly showing the trend analysis on six-monthly basis.
3.4	Quality of polluted water generated from mining operations which include Chemical Oxygen Demand (COD) in mines run-off; acid mine drainage and metal contamination in runoff shall be monitored along with Total Suspended Solids (TDS), Dissolved Oxygen (DO), pH and Total Suspended Solids (TSS). The monitored data shall be uploaded on the website of the company as well as displayed at the project site in public domain, on a display board, at a suitable location near the main gate of the Company. The circular No. J- 20012/1/2006-IA.II (M) dated 27.05.2009 issued by Ministry of Environment, Forest and Climate Change may also be referred in this regard.
3.5	Project Proponent shall plan, develop and implement rainwater harvesting measures on long term basis to augment ground water resources in the area in consultation with Central Ground Water Board/ State Groundwater Department. A report on amount of water recharged needs to be submitted to Regional Office MoEFCC annually.
3.6	Industrial waste water (workshop and waste water from the mine) should be properly collected and treated so as to conform to the notified standards prescribed from time to time. The standards shall be prescribed through Consent to Operate (CTO) issued by concerned State Pollution Control Board (SPCB). The workshop effluent shall be treated after its initial passage through Oil and grease trap.
3.7	The water balance/water auditing shall be carried out and measure for reducing the consumption of water shall be taken up and reported to the Regional Office of the MoEF&CC and State Pollution Control Board/Committee.

#### 4. Noise And Vibration Monitoring And Prevention

S. No	EC Conditions
4.1	The peak particle velocity at 500m distance or within the nearest habitation, whichever is closer



S. No	EC Conditions
	shall be monitored periodically as per applicable DGMS guidelines.
4.2	The illumination and sound at night at project sites disturb the villages in respect of both human and animal population. Consequent sleeping disorders and stress may affect the health in the villages located close to mining operations. Habitations have a right for darkness and minimal noise levels at night. PPs must ensure that the biological clock of the villages is not disturbed; by orienting the floodlights/ masks away from the villagers and keeping the noise levels well within the prescribed limits for day /night hours.
4.3	The Project Proponent shall take measures for control of noise levels below 85 dBA in the work environment. The workers engaged in operations of HEMM, etc. should be provided with ear plugs /muffs. All personnel including laborers working in dusty areas shall be provided with protective respiratory devices along with adequate training, awareness and information on safety and health aspects. The PP shall be held responsible in case it has been found that workers/ personals/ laborers are working without personal protective equipment.

### 5. Mining Plan

S. No	EC Conditions
5.1	The Project Proponent shall adhere to approved mining plan, inter alia, including, total excavation (quantum of mineral, waste, over burden, inter burden and top soil etc.); mining technology; lease area; scope of working ( method of mining, overburden & dump management, O.B& dump mining, mineral transportation mode, ultimate depth of mining, concurrent reclamation and reclamation at mine closure; land-use of the mine lease area at various stages of mining scheme as well as at the end-of-life; etc.).
5.2	The land-use of the mine lease area at various stages of mining scheme as well as at the end-of-life shall be governed as per the approved Mining Plan. The excavation vis-à-vis backfilling in the mine lease area and corresponding afforestation to be raised in the reclaimed area shall be governed as per approved mining plan. PP shall ensure the monitoring and management of rehabilitated areas until the vegetation becomes self-sustaining. The compliance status shall be submitted half-yearly to the MoEFCC and its concerned Regional Office.

### 6. Land Reclamation

S. No	EC Conditions
6.1	The Overburden (O.B.), waste and topsoil generated during the mining operations shall be stacked at earmarked OB dump site(s) only and it should not be kept active for a long period of time. The physical parameters of the OB / waste dumps / topsoil dump like height, width and angle of slope shall be governed as per the approved Mining Plan and the guidelines/circulars issued by D.G.M.S. The topsoil shall be used for land reclamation and plantation.
6.2	The slope of dumps shall be vegetated in scientific manner with suitable native species to maintain the slope stability, prevent erosion and surface run off. The selection of local species regulates local climatic parameters and help in adaptation of plant species to the microclimate. The gullies formed on slopes should be adequately taken care of as it impacts the overall stability of dumps. The dump mass should be consolidated with the help of dozer/ compactors thereby ensuring proper filling/

S. No	EC Conditions
	leveling of dump mass. In critical areas, use of geo textiles/ geo-membranes / clay liners / Bentonite etc. shall be undertaken for stabilization of the dump.
6.3	Catch drains, settling tanks and siltation ponds of appropriate size shall be constructed around the mine working, mineral yards and Top Soil/OB/Waste dumps to prevent run off of water and flow of sediments directly into the water bodies (Nallah/ River/ Pond etc.). The collected water should be utilized for watering the mine area, roads, green belt development, plantation etc. The drains/ sedimentation sumps etc. shall be de-silted regularly, particularly after monsoon season, and maintained properly.
6.4	Check dams of appropriate size, gradient and length shall be constructed around mine pit and OB dumps to prevent storm run-off and sediment flow into adjoining water bodies. A safety margin of 50% shall be kept for designing of sump structures over and above peak rainfall (based on 50 years data) and maximum discharge in the mine and its adjoining area which shall also help in providing adequate retention time period thereby allowing proper settling of sediments/ silt material. The sedimentation pits/ sumps shall be constructed at the corners of the garland drains.

## 7. Transportation

S. No	EC Conditions
7.1	No Transportation of the minerals shall be allowed in case of roads passing through villages/ habitations. In such cases, PP shall construct a 'bypass' road for the purpose of transportation of the minerals leaving an adequate gap (say at least 200 meters) so that the adverse impact of sound and dust along with chances of accidents could be mitigated. All costs resulting from widening and strengthening of existing public road network shall be borne by the PP in consultation with nodal State Govt. Department. Transportation of minerals through road movement in case of existing village/ rural roads shall be allowed in consultation with nodal State Govt. Department only after required strengthening such that the carrying capacity of roads is increased to handle the traffic load. The pollution due to transportation load on the environment will be effectively controlled and water sprinkling will also be done regularly. Vehicular emissions shall be kept under control and regularly monitored. Project should obtain Pollution Under Control (PUC) certificate for all the vehicles from authorized pollution testing centers. [If applicable in case of road transport].
7.2	The Main haulage road within the mine lease should be provided with a permanent water sprinkling arrangement for dust suppression. Other roads within the mine lease should be wetted regularly with tanker-mounted water sprinkling system. The other areas of dust generation like crushing zone, material transfer points, material yards etc. should invariably be provided with dust suppression arrangements. The air pollution control equipments like bag filters, vacuum suction hoods, dry fogging system etc. shall be installed at Crushers, belt-conveyors and other areas prone to air pollution. The belt conveyor should be fully covered to avoid generation of dust while transportation. PP shall take necessary measures to avoid generation of fugitive dust emissions.

## 8. Green Belt

S. No	EC Conditions
8.1	The Project Proponent shall develop greenbelt in 7.5m wide safety zone all along the mine lease boundary as per the guidelines of CPCB in order to arrest pollution emanating from mining

S. No	EC Conditions
	operations within the lease. The whole Green belt shall be developed within first 5 years starting from windward side of the active mining area. The development of greenbelt shall be governed as per the EC granted by the Ministry irrespective of the stipulation made in approved mine plan.

9.

S. No	EC Conditions
9.1	The Project Proponent shall carryout plantation/ afforestation in backfilled and reclaimed area of mining lease, around water body, along the roadsides, in community areas etc. by planting the native species in consultation with the State Forest Department/ Agriculture Department/ Rural development department/ Tribal Welfare Department/ Gram Panchayat such that only those species be selected which are of use to the local people. The CPCB guidelines in this respect shall also be adhered. The density of the trees should be around 2500 saplings per Hectare. Adequate budgetary provision shall be made for protection and care of trees.
9.2	The Project Proponent shall make necessary alternative arrangements for livestock feed by developing grazing land with a view to compensate those areas which are coming within the mine lease. The development of such grazing land shall be done in consultation with the State Government. In this regard, Project Proponent should essentially implement the directions of the Hon'ble Supreme Court with regard to acquisition of grazing land. The sparse trees on such grazing ground, which provide mid-day shelter from the scorching sun, should be scrupulously guarded/ protected against felling and plantation of such trees should be promoted.

#### 10. Public Hearing And Human Health Issues

S. No	EC Conditions
10.1	Project Proponent shall make provision for the housing for workers/labors or shall construct labor camps within/outside (company owned land) with necessary basic infrastructure/ facilities like fuel for cooking, mobile toilets, mobile STP, safe drinking water, medical health care, crèche for kids etc. The housing may be provided in the form of temporary structures which can be removed after the completion of the project related infrastructure. The domestic waste water should be treated with STP in order to avoid contamination of underground water.

#### 11. Corporate Environment Responsibility (Cer)

S. No	EC Conditions
11.1	The Project Proponent shall submit the time- bound action plan to the concerned regional office of the Ministry within 6 months from the date of issuance of environmental clearance for undertaking the activities committed during public consultation by the project proponent and as discussed by the EAC, in terms of the provisions of the MoEF&CC Office Memorandum No.22-65/2017-IA.III dated 30 September, 2020. The action plan shall be implemented within three years of commencement of the project.

#### 12. Miscellaneous

S. No	EC Conditions
12.1	The Project Proponent shall prepare digital map (land use & land cover) of the entire lease area once in five years purpose of monitoring land use pattern and submit a report to concerned Regional Office of the MoEF&CC.
12.2	The Project Authorities should inform to the Regional Office regarding date of financial closures and final approval of the project by the concerned authorities and the date of start of land development work.
12.3	The Project Proponent shall submit six monthly compliance reports on the status of the implementation of the stipulated environmental safeguards to the MOEFCC & its concerned Regional Office, Central Pollution Control Board and State Pollution Control Board.
12.4	A separate 'Environmental Management Cell' with suitable qualified manpower should be set-up under the control of a Senior Executive. The Senior Executive shall directly report to Head of the Organization. Adequate number of qualified Environmental Scientists and Mining Engineers shall be appointed and submit a report to RO, MoEF&CC.
12.5	The concerned Regional Office of the MoEF&CC shall randomly monitor compliance of the stipulated conditions. The project authorities should extend full cooperation to the MoEF&CC officer(s) by furnishing the requisite data / information / monitoring reports.
12.6	In pursuant to Ministry's O.M No 22-34/2018-IA.III dated 16.01.2020 to comply with the direction made by Hon'ble Supreme Court on 8.01.2020 in W.P. (Civil) No 114/2014 in the matter Common Cause vs Union of India, the mining lease holder shall after ceasing mining operations, undertake regrassing the mining area and any other area which may have been disturbed due to other mining activities and restore the land to a condition which is fit for growth of fodder, flora, fauna etc.
12.7	The Ministry or any other competent authority may alter/modify the above conditions or stipulate any further condition in the interest of environment protection.
12.8	Concealing factual data failure to comply with any or submission of false/ fabricated data and of the conditions mentioned above may result in withdrawal of this clearance and attract action under the provisions of Environment (Protection) Act, 1986.
12.9	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 and the Public Liability Insurance Act, 1991 along with their amendments and rules made there under and also any other orders passed by the Hon'ble Supreme Court of India/High Court and any other Court of Law relating to the subject matter.
12.10	Any appeal against this environmental clearance shall lie with the National Green Tribunal, if preferred, within a period of 30 days as prescribed under Section 16 of the National Green Tribunal Act, 2010.
12.11	PP needs to comply the OM dated 24.07.2024 of MoEFCC, where it is stated that the plantation of saplings shall be carried out in the earmarked 33% greenbelt area as part of the tree plantation campaign " EK Ped Ma ke Naam" (एक पेड़ माँ के नाम) (and the details of the same shall be uploaded in the MeriLife portal ( <a href="https://merilife.nic.in">https://merilife.nic.in</a> )).

**Additional EC Conditions**

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 and the Public Liability Insurance Act, 1991 along with their amendments and rules made there under and also any other orders passed by the Hon'ble Supreme Court of India/High Court and any other Court of Law relating to the subject matter.

