

ENVIRONMENTAL  
CLEARANCE



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

To,

The DGM (Environment)  
MY HOME INDUSTRIES PRIVATE LIMITED  
9TH FLOOR, BLOCK-3, MY HOME HUB, MADHAPUR, HYDERABAD-  
500081,,Rangareddi,Telangana-500081

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

Sir/Madam,

This is in reference to your application for Environmental Clearance (EC) in respect of project submitted to the Ministry vide proposal number IA/TG/MIN/106308/2019 dated 06 Nov 2021. The particulars of the environmental clearance granted to the project are as below.

- |  |   |
|--|---|
| 1. EC Identification No.                   | EC22A001TG118235  |
| 2. File No.                                | J-11015/21/2017- IA.II(M)   |
| 3. Project Type                            | New   |
| 4. Category                                | A   |
| 5. Project/Activity including Schedule No. | 1(a) Mining of minerals   |
| 6. Name of Project                         | My Home Industries Private Limited - Proposed Limestone Mine – 252.407 Ha |
| 7. Name of Company/Organization            | MY HOME INDUSTRIES PRIVATE LIMITED  |
| 8. Location of Project                     | Telangana   |
| 9. TOR Date                                | 23 Mar 2019   |

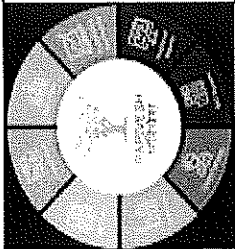
The project details along with terms and conditions are appended herewith from page no 2 onwards.

Date: 14/02/2022

(e-signed)  
Pankaj Verma  
Scientist E  
IA - (Non-Coal Mining sector)

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

*This is a computer generated cover page.*



**No. IA-J-11015/21/2017-IA.II (M)**  
Government of India  
Ministry of Environment, Forest and Climate Change  
Impact Assessment Division

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2<sup>nd</sup> Floor, Prithvi Wing,  
Indira Paryavaran Bhavan,  
Jor Bagh Road, Aliganj,  
New Delhi-110 003

Dated: 14<sup>th</sup> February, 2022

To

**My Home Industries Private Limited,**  
9<sup>th</sup> Floor, Block-3,  
My Home Hub, Madhapur,  
Hyderabad-50008 , Telangana.

**Subject: Proposal of My Home Industries Private Limited for mining of Limestone with total excavation of 1.036 MTPA (Limestone: 1.0 MTPA + Top Soil: 0.036 MTPA) in the mine lease area of 252.407 ha, located at Villages Mellacheruvu and Yepalamadhavaram, Mellacheruvu Tehsil, Suryapet District, Telangana – Environmental Clearance(EC) regarding.**

Sir,

This has reference to your online proposal no. IA/TG/MIN/106308/2019 of M/s My Home Industries Private Limited is for mining of Limestone with total excavation of 1.036 MTPA (Limestone: 1.0 MTPA + Top Soil: 0.036 MTPA) in the mine lease area of 252.407ha located at Villages Mellacheruvu and Yepalamadhavaram, Mellacheruvu Tehsil, Suryapet District, Telangana. The mine lease area is located between Latitude 16°47'13.20"N-16°48'41.90"N and Longitude 79°55'57.30"E - 79°57'0.70"E. The mine lease area falls under the Survey of India Toposheet No: 56 P/13 and falls in Seismic Zone-II. The PP presented the KML file during the presentation to indicate the location of mine lease on Google Earth.

2. The Project Proponent initially made an online application vide proposal no. IA/TG/MIN/106308/2019 dated 19.03.2021 and submitted Form-2 and EIA report under the provisions of the EIA Notification, 2006 for the project mentioned above. The proposed project activity is listed at schedule no. 1(a) Mining of Minerals under Category "A" of the schedule of the EIA Notification, 2006 as the mining lease area is greater than 100 ha and appraised at the Central level.

3. The proposal was earlier considered in the 34<sup>th</sup> EAC Meeting held during 27<sup>th</sup> to 30<sup>th</sup> July, 2021 wherein the EAC deferred the proposal for want of requisite information. Project Proponent resubmitted the proposal vide IA/TG/MIN/106308/2019 dated 06.11.2021 along with the information sought in the 34<sup>th</sup> EAC Meeting held during 27<sup>th</sup> to 30<sup>th</sup> July, 2021. Then, the proposal was again considered in the 42<sup>nd</sup> EAC (Non-Coal Mining) meeting held during 30<sup>th</sup> November – 3<sup>rd</sup> December, 2021 wherein the Committee deferred the proposal

**EC - M/s My Home Industries Private Limited**

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for want of requisite information. The Project Proponent vide Letter no: MHIPL/ML252.407HA/ MoEF&CC/EC/2021 dated 18.12.2021 submitted the information on PARIVESH Portal and the proposal was reconsidered in the 44<sup>th</sup> EAC (Non-Coal Mining) meeting held during 28<sup>th</sup> – 29<sup>th</sup> December, 2021.

4. The details of the Terms of References (TOR) are furnished as below:

Date of application	Proposal No	Consideration	Details	Date of accord
28.02.2017	IA/TG/MIN/62819/2017	April 27-28, 2017 & February 20-21, 2019	Production of 1.0 MTPA of Limestone (MLA: 252.407 Ha)	23.03.2019
24.05.2019	IA/TG/MIN/106308/2019	July 31, 2019	Amendment in ToR for including Total Excavation 1.036 MTPA [Limestone: 1.0 MTPA (ROM) & Topsoil: 0.036 MTPA)	03.09.2019

5. Details of Mine lease:

S. no	Grant of mine lease order	Date of the grant	Name of the Mineral	Period of Grant	Granted by	Mine lease area in Ha
1	Prospecting License vide G.O.Ms.No.114, Ind. & Com. (M.I) Dept	19.07.2012	Limestone	3 years	Govt of Telangana	935.16 Acres
2	Grant of Mining lease issued by Industries & Commerce (M-II) Department, vide Memo no. 5863/M.II(1)/2016-1	24.09.2016	Limestone	50 years	Govt of Telangana	Ac 623.28 Gts or 252.407 ha
3	Grant of mine lease order issued by the Office of the Asst. Director of Mines and Geology, Suryapet (I/C), vide proceedings no. 3779/ML/LS/2015	08.03.2021	Limestone	08.03.2021 to 07.03.2071	Govt., of Telangana	252.407ha

6. Details of executed Mine leases.

S.no	Date of grant of Lease execution	Period of Grant		Details
		From	To	
1	Date of entering into	08.03.2021	07.03.2071	Lease deed executed on

original lease deed.			08.03.2021 vide AF 493175 between the Governor of Telangana acting through Assistant Director of Mines and Geology, Suryapet and M/s My Home Industries Private Limited.
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## 7. Details of Mine Plan

S.no	Mining Plan along with the Conceptual Plan Approved By	Letter no	Dated of Approval	For a period	Details
1	Mining Plan (Including Progressive Mine Closure Plan) approved by Regional Controller of Mines, Hyderabad, Regional Office Indian Bureau of Mines.	AP/NLG/MP/Lst-75/Hyd.	20.07.2017	5 years	Limestone, 252.407 Ha

8. The Project Proponent submitted that mining operations will be carried out opencast, fully mechanized method. PP reported that the total geological reserve is 353.40 Million Tonnes and Mineable Reserve is 150.37 Million Tonnes. Based on the present proposed rate of production of 1.0 MTPA, the anticipated life of mine is 150 years as per the approved mine plan. Though the life of mine is for 150 years as per reserves availability, mine workings will be carried out for lease period of 50 years only. PP reported that the normative production considered as 238 TPH (Avg.) at mine operation for 300 days as per the approved mining plan. Peak production considered as 274 TPH based on total fleet of machinery capacity as per approved mining plan. The mine will be worked with bench height of 9 m and the width will be as per Mining Regulations. An overall ultimate pit slope angle of 45° would be maintained during the entire mining operations. Hydraulic excavators will be deployed to load blasted limestone into dumpers. The loaded limestone will be sent to crusher through haul roads. The stock pile material will be drawn by the cement plant for clinkerization. The limestone from the mine will be transported by road to the existing crusher located at Mellacheruvu Limestone mine, at a distance of 4.0 km by 25 tons trucks. PP submitted an undertaking vide Letter Reference: MHIPL/252.407HA/ Undertaking/EC/2021/002 dated 18.12.2021 that separate weighbridge will be installed within this mining lease area (MLA-252.407 ha) and will be utilized exclusively for this mine only. No overburden is anticipated. Top soil of 1.548 million m<sup>3</sup> will be generated for the Lease period. Out of this about 0.175 million m<sup>3</sup> of top soil will be used for spreading over an area of 8 Ha of 7.5 m barrier zone along the Mine lease boundary and about 1.457 million m<sup>3</sup> of top soil will be used for reclamation of worked out pit (backfilling) over an area of 20.0 Ha in the northern side of the lease area. No dumping proposal during the lease period. The limestone will be worked to a maximum depth of 45m at the end of the lease period, as per the present approved mining plan. The working pit will intersect ground water table after reaching about a depth of 30m below ground level which is after 20 years of mine working. PP submitted that necessary permission from CGWA will be obtained before working the

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mine below water table. PP also submitted that Nagarjunasagar Left Bank canal is located at a distance of about 50m in the north and eastern side of the mining lease area. Water in this canal is released only during agricultural period for the purpose of irrigation. The MSL of the canal is 106m, the MSL of Mining Lease area ranges between 91 to 103m. The slope of the mine is towards SW direction whereas the canal is located on the NE direction. PP also submitted that no water will be discharged in to any natural drainage systems surrounding the mine lease boundary. A garland drain will be constructed along the boundaries of mine pit as the mine progresses. PP submitted that the mining lease is granted leaving this distance of 50 m as per the requirement of DGMS. The 50 m safety distance falls outside the mining lease and is not part of mining lease area. In addition to the above, 7.5 m barrier zone will be left as unmined along the mining lease boundary with development of a greenbelt which strengthens the soils near the canal.

9. The Project Proponent submitted that the cost benefit analysis has been carried out and estimated that the benefit to Farmer if land is retained and cultivated for 50 years will be Rs 84.37 Crores and Benefit to the farmer if land is sold (with returns for 50 years) will be Rs 543.88Crores. PP submitted an undertaking vide Letter Reference: MHIPL/252.407HA/Undertaking/EC/2021/001 dated 18.12.2021 that PP will explore the possibility and permit for continuing agricultural practices in undisturbed part of mining lease area with appropriate protection measures and approach road in compliance with the DGMS requirements. PP also submitted that the area of 95.016ha will remain undisturbed during life of mine as per current working plan / approved mining plan. PP reported that 124.45 ha will be converted into permanent water body as a source of surface water to the farmers and nearby villages. PP submitted that from the 10th year onwards i.e. after the start of the mine operations pit one having an area of 19.45ha will be converted as a water reservoir and it will be made available to the farmers and PIT-2: 105.00 Ha and PIT-3: 1.84 Ha – will be made available as water reservoir after 50 years. Protection bunds will be provided around the water bodies to ensure safety of animals and human. PP also submitted that water pumping arrangement will be provided at a cost of Rs.10 Lakh, for pumping out water from the mine pit for agriculture activities in the nearby area. During the final mine closure plan, pump house set-up will be handed over to the local body of State Government.

**10. Nearest village / town/ highway/railway station / water bodies**

Particulars	Details	Distance & Direction
Nearest Village	Yepal Madhavaram	1.0 km, SW
Nearest Town	Miryalaguda	38.4 km, WNW
Nearest Highway	National Highway – (NH-9) connecting Vijayawada – Hyderabad	20.0 km, NE
Nearest Railway station	Miryalaguda	43.0 km, WNW
Nearest water bodies	Krishna River	11.8 km, SSW

11. The Project Proponent submitted that the total water requirement is 100m<sup>3</sup>/day. Drinking water facilities will be provided from the Cement plant and water required for dust suppression and greenbelt development. Water will be sourced from existing mine pits of other mines belonging to M/s My Home Industries Private Limited.

12. The Project Proponent submitted the revised greenbelt/plantation and reported that the total area under greenbelt/plantation will be 28.0 ha, out of which 6.015 ha will be under 7.5 m barrier zone and 20.0 ha over backfilled area. PP submitted that as on date, 1798 nos. of saplings exist in 1.9850 ha. PP also reported that total of 3,800 nos. of saplings will be planted over an area of 6.015 ha and 16,666 nos. of saplings will be planted over an area of 20.0 ha. PP earmarked budget for green belt as Rs. 78.0 Lakhs as Capital cost and Rs. 19.54 Lakhs as recurring cost per annum. PP submitted the Affidavit cum undertaking in a non-judicial stamp paper of Rs 100 bearing U 891103 dated 27.10.2021 that in the peripheral area plantation will be completed within 3 years from the start of mining operations in the acquired land with suitable native species and the balance area will be brought under greenbelt after acquiring the same.

13. The Project Proponent submitted that the total mine lease area is 252.407 Ha, out of which 210.067 Ha is private agricultural patta land, 25.839 Ha is Govt. waste Land and 16.501 Ha is Govt. waste land (De-Forest land). PP reported that no forest land is involved in the mine lease area. PP submitted the NoC from the District Forest Officer, Suryapet, Office of Forest Department, Govt. of Telangana, vide letter No 476/2018/S3 dated 27.12.2018 that the 49.00 acres is falling in Dis-reserved forest area and this division have no objection over the land situated in the above project area. PP also submitted the letter from the Principal Chief Conservator of Forests (PCCF), Office of the Forest Department, Govt of Telangana vide Rc.No: 4852/2017/FCA-6, dt 06.07.2021 stating that M/s MHIL is carrying out its mining in Sy.No.4 (218.767 acres i.e., another application of 89.37 ha) and Sy.No.1D (40.862 acres, current mining lease of 252.407 ha) which is a part of 800 acre land which was dis-reserved in 1970. Balance area of 252.407 ha is outside RF. The current status of the land is Dis-reserved land which was handed over to revenue departments and then Sy.No..4 (218.767 acres) and Sy.No.1D (40.862 acres) was leased to the M/s MHIL for carrying out mining operations. The proposed mining area is 8m away from the boundary of Yapalamadharam RF Block, Compt.No.04. There are no National Park/Wild life Sanctuary/Eco-Sensitive Zone (Proposed or declared)/Migration Routes/Tiger Corridors etc. around 10km radius of proposed mining area. PP also submitted the letter by the Revenue Department, Government of Telangana vide Lr No. B/367/2021 dated 03.09.2021 that Govt land over an extent of Ac. 40.31 Gts (16.501 ha) in Sy. No 1D (P) of Yepalamadhavaram (V), Mellacheruvu Mandal, Suryapet District is rocky land unfit for cultivation and is classified as waste land.

14. The Project Proponent reported that there are no Schedule-I species found in the study area. PP submitted the letter from the Principal Chief Conservator of Forests (PCCF), Office of the Forest Department, Govt of Telangana vide Rc.No: 4852/2017/FCA-6, Dt 06.07.2021 that there are no endangered flora and fauna in and around the proposed project site. PP also submitted the revised authenticated letter for flora and fauna issued by PCCF, TS Forest Dept vide letter Rc.No.4852/2017/FCA-6(II) dated 23.10.2021 by indicating the schedule type of fauna as per the said letter there are no schedule-I species existing in the study area.



15. The primary baseline data for specific micro-meteorology data, ambient air quality, waste quality, noise level, soil and flora & fauna has been collected during Summer season. The Monitoring results of ambient air, surface water, soil, ambient noise and ground water for the month of March to May, 2019 have been reported and no major divergence was observed with respect to concentration values of various parameters of collected samples.

Period	Parameters				
AAQ parameters at 9 locations	Pollutant	Min, $\mu\text{g}/\text{m}^3$	Max, $\mu\text{g}/\text{m}^3$	98 %ile, $\mu\text{g}/\text{m}^3$	Standard, $\mu\text{g}/\text{m}^3$
	PM2.5	18.0	30.0	27.2	60
	PM10	40.5	61.1	60.6	100
	SO2	8.1	13.6	13.2	80
	NOx	10.9	15.0	14.9	80
AAQ modelling (Incremental GLC)	Pollutant	Baseline Concentration, $\mu\text{g}/\text{m}^3$	Incremental Concentration, $\mu\text{g}/\text{m}^3$	Total GLC, $\mu\text{g}/\text{m}^3$	Standard
	PM2.5	27.2	16.29	43.49	60
	PM10	60.5	39.2	99.8	100
	SO2	13.2	3.31	26.91	80
	NOx	14.9	12.01	16.51	80
Noise level at 8 locations	Day Time: 51.7 to 54.5 Leq dB (A) Night Time: 42.3 to 42.8 Leq dB (A)				
Ground water quality at 12 locations	pH ranged from 6.8-7.52, TDS ranged from 492 - 1876 mg/l, Chlorides ranged from 61.0 - 479 mg/l, Fluorides ranged from 0.32-1.36 mg/l. The parameters thus analysed were compared with IS-10500. All the samples were found to be well within the limits.				
Surface water quality at 2 locations	pH ranged from 7.04 - 7.29, BOD found to be 4.0 mg/l, COD ranges between 16.0-20.0 mg/l				
Soil quality at 13 locations	pH ranges between 6.97 to 7.51, Organic carbon content of the soil samples found to be in the range of 0.33-1.11%, Soils in the area were found to be sandy loam, Clay, Loamy fine sand in texture with sand percentage in the range between 21-82%, slit between 10-36% and Clay 8-43%.				

#### 16. Public Hearing (PH) Details

Advertisement for PH with date	03.12.2020 in The Indian Express (English News Paper) and Namasthe Telangana (Telugu News Paper).
Date of PH	05.01.2021 by Telangana State Pollution Control Board
Venue	Proposed Mining Lease Area near Yepalamadhavaram Village
Chaired by	The Collector & District Magistrate, Suryapet District.
Main issues raised during PH	Employment, Environmental control measures and Social welfare measures
Budget proposed for addressing issues raised during PH	Rs 59.0 Lakhs

Additional information (if any)	<p>PP revised the budget for implementation of Public Hearing commitments as per the advice of EAC (Non-Coal Mining)</p> <p>a. Rs 72 Lakhs allotted as Capital expenditure related to environment protection, COVID health care facilities, drinking water facilities, plantation in public area, education and communication facilities for the betterment of schools nearby and to facilitate the online education system by providing Wi-Fi connectivity, smart classrooms, digital library and desktops/tablets.</p> <p>b. Rs 59 Lakhs Separate budget for skill development program and other concerns expressed by the people</p>
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**17. Public hearing action plan as per MoEF&CC O.M. dated 30/09/2020**

S. No	Activity		1 <sup>st</sup> year	2 <sup>nd</sup> year	3 <sup>rd</sup> year	Total
<b>EDUCATION AND SPORTS</b>						
1	Repairing to school infrastructural facilities in 2 schools at 1 village	Physical Nos	1	1	-	2
		@Village	Yepala madharam	Yepala madharam	-	
		Budget Rs Lakhs	2.5	2.5	-	5
2	Permanent building for Library at 1 village (25ft x 25ft)	Physical Nos	-	1	-	1
		@Village	-	Mellacheruvu		
		Budget Rs Lakhs	-	10	-	10
<b>DRINKING WATER</b>						
1	Two Mineral Water Plant (in 1 villages @ Rs. 4 lakh each.)	Physical Nos	2	-	-	2
		@Village	Yepalamadharam	-	-	
		Budget Rs Lakhs	8	-	-	8
<b>SKILL DEVELOPMENT</b>						
1	Providing skill development training to ITI & diploma passed local youth (for 10 members) per year	Physical Nos	10 students/year	10 students/year	10 students/year	30
		@Village	Local Youth from 10 km radius			
		Budget Rs Lakhs	2.0	2.0	1.0	5.0



S. No	Activity		1 <sup>st</sup> year	2 <sup>nd</sup> year	3 <sup>rd</sup> year	Total
	Three batches of 10 each for 3 years. Monthly stipend @ Rs.20,000 / pm for 2 year to each of the trainee. And Rs.10,000 / pm for last year to each of the trainee.					
<b>HEALTH CARE</b>						
1	Conduct of medical camps twice in a year in three different locations in the impact zone. (in 3 villages @ Rs. 50,000 each.)  Medical camps with distribution of medicines	Physical Nos	3	3	4	10.0
		@Village	Yepalamadharam	Mellacheruvu	Choutapalli	
		Budget Rs Lakhs	3	3	4	10.0
<b>OTHERS</b>						
1	Construction of Community hall (40 X 25 ft with asbestos roofing) at Yepala madharam	Physical Nos	-	-	1	1.0
		@Village	-	-	Yepala madharam	
		Budget Rs Lakhs	0	0	10.0	10.0
2	Construction of a hall adjacent to the existing TTD Kalyana Mandapam to cater to the needs of the people who perform functions and construction	Physical Nos	-	1	-	1.0
		@Village		Mellacheruvu		
		Budget Rs Lakhs	0	10	-	10.0

S. No	Activity		1 <sup>st</sup> year	2 <sup>nd</sup> year	3 <sup>rd</sup> year	Total
	of this dining hall at one village					
3	Development / construction of public buildings like panchayat / community center / libraries in 3 villages@ Rs. 2.0 lakhs each.)	Physical Nos	1 building	1 building	1 building	3.0
		@Village	Mellacheruvu, Yepalamadhavaram & Choutapalli	-	-	
		Budget Rs Lakhs	6	-	-	6.0
4	Restoration of Ambedkar statue, a bronze statue of Dr. Ambedkar at 1 villages	Physical Nos	1	-	-	1.0
		@Village	Yepalamadharam	-	-	
		Budget Rs Lakhs	1.0	-	-	1.0
5	Establish walking track to enable the youth to improve their physical fitness. Construction of a Sports Complex.	Physical Nos	Walking track	-	-	1.0
		@Village	Yepalamadharam	-	-	
		Budget Rs Lakhs	2.0	-	-	2.0
TOTAL BUDGET (In lakhs of rupees) – Implementation period - 3 years						59.0

18. The Project Proponent submitted that the total mine lease area is 252.407 Ha, out of which 210.067 Ha is private agricultural land, 25.839 Ha is Govt. waste Land and 16.501 Ha is Govt. waste land (De-Forest land). PP submitted that out of 210.067 ha, 97.5717 ha already purchased from the private landowners and acquisition of balance area of 112.4953 Ha is under process. PP reported that the total no. of Project Affected People (PAPs) are 103. PP submitted that they will provide the compensation for land of Rs. 20-30 Lakhs/acre to the project affected people. PP earmarked a budget of Rs.6950 lakhs for acquiring balance land of 112.4953 Ha. PP submitted that M/s MHIPL will provide employment to about 20 No.s of land sellers under unskilled category. Further direct and indirect employment opportunity will be given on priority basis to land sellers, based on eligibility and skills. PP carried out need-based survey in the neighbouring villages of Mellacheruvu and Yepalmadharam. Based on the needs of villagers such as Supply of drinking water during summer season, Drainage improvement, Borewell drilling at two locations, School ground improvement, Library – books, almirahs, whitewash painting and renovation, Bus Shelter construction, ZP high school – Play Ground improvement and Booster for network tower, PP

**EC - M/s My Home Industries Private Limited**

earmarked a budget of Rs.25 lakhs for 3 years and activities will be prioritized in consultation with the local panchayat. PP also earmarked a budget of Rs 30.0 Lakhs to be spent in 3 years towards skill development program and proposes to provide training in the field of fitting, electrical maintenance, welding, and automobile for 30 local people within 10km radius by providing a stipend of Rs. 8,000 per month to each candidate.

19. The Project Proponent submitted that there is no any litigation pending against the project and/or land in which the project is proposed to be set up.

20. The Project Proponent submitted the Affidavit in a non-judicial stamp paper of Rs 100 bearing W 270219 dated 25.05.2020 that 'M/s My Home Industries Private Limited shall comply with all the statutory requirement & judgment of Hon'ble Supreme Court dated 2nd August 2017 in writ Petition (civil) No. 114 of 2014 in the matter of common cause versus Union of India & Ors'.

21. The Project Proponent submitted the undertaking dated 25.02.2021 that the information and data submitted is factually correct and M/s My Home Industries Private Limited owns the contents of the report. The Consultant submitted the declaration dated 25.02.2021 that the Consultant organization shall be fully responsible for any mis-leading information mentioned in this statement.

22. The Project Proponent earmarked a budget of Rs 138.0 Lakhs as Capital cost and submitted that the Recurring cost of EMP is revised from Rs 545.54 Lakhs to Rs 600.86 Lakhs. PP has submitted the year wise activities and budget which includes 1) Air Pollution Control measures (Capital: Rs 40 Lakhs & Recurring/year: Rs 500.0 Lakhs), 2) Greenbelt (7.5 m barrier zone and Backfilling area) (Capital: Rs 78.0 Lakhs & Recurring/year: Rs 74.89 Lakhs) and 3) Rainwater Harvesting Structures & Garland Drain (Capital: Rs 20 Lakhs & Recurring/year: Rs 26.0 Lakhs).

**23. Details of project cost and employment:**

Particulars	Budget (Rs. In Crore)
Capital Cost for Environment Protection	Rs. 1.38
Budget for addressing the Public Hearing issues	Rs. 0.59
Total Cost for EMP	Rs. 1.38
Recurring Cost for EMP	Rs. 6.0008
Project Cost	Rs. 10
Employment	51 persons

**24. Observation and Recommendation of the Committee:**

The proposal for Environmental Clearance was considered in the 44<sup>th</sup> EAC (Non-Coal Mining) meeting held during 28<sup>th</sup> – 29<sup>th</sup> December, 2021. After detailed deliberations made by the Project Proponent and the Consultant, the Committee **recommended** the proposal for grant of Environmental Clearance for M/s My Home Industries Private Limited for mining of Limestone with total excavation of 1.036 MTPA (Limestone: 1.0 MTPA + Top Soil: 0.036 MTPA) in the mine lease area of 252.407ha located at Villages Mellacheruvu and

Yepalamadhavaram, Mellacheruvu Tehsil, Suryapet District, Telangana subject to the specific conditions in addition to the standard EC conditions applicable for non-coal mining projects.

25. The Ministry of Environment, Forest and Climate Change has examined the proposal in accordance with the Environmental Impact Assessment Notification, 2006 and further amendments thereto and hereby accords the above mentioned Environmental Clearance after accepting the recommendation of EAC during its 44<sup>th</sup> EAC (Non-Coal Mining) meeting held during 28<sup>th</sup> – 29<sup>th</sup> December, 2021 for M/s My Home Industries Private Limited for mining of Limestone with total excavation of 1.036 MTPA (Limestone: 1.0 MTPA + Top Soil: 0.036 MTPA) in the mine lease area of 252.407ha located at Villages Mellacheruvu and Yepalamadhavaram, Mellacheruvu Tehsil, Suryapet District, Telangana subject to compliance of the terms & conditions and the environmental safeguards mentioned below:-

#### **A. SPECIFIC CONDITIONS**

- i. The Project Proponent will allow the farmers to continue the farming on the northern side with proper safety measures to protect the farmers as and when the PP approach the farming area safety distance has to be maintained between the mine working and the farming land as per DGMS Guidelines.
- ii. PP shall maintain the safety distance of 200m on side of the Nagarjunasagar Left Bank canal with the dense plantation inside the mine lease area. In order to properly maintain the safety barrier between the Nagarjunasagar Left Bank canal and the mine lease area, the Project Proponent shall create greenbelt on the eastern side with safety distance of 50m with thick plantation instead of 7.5m and atleast 10% of the fruit bearing trees shall be planted.
- iii. Since the Nagarjunasagar Left Bank canal is used for irrigation, the Project Proponent should take all precautionary measures to prevent any damage to canal and pollution in the canal.
- iv. The Project Proponent shall ensure the safety zone with the proper fencing around the mine towards the RF Block located about 8m away from the boundary of Yepalamadharam RF Block, Compt.No.04 from the mine lease area.
- v. The Project Proponent should install the continuous ambient air quality monitoring stations in such numbers as per the scientific study and in consultation with CPCB.
- vi. The Project Proponent shall monitor the ground induced blasting vibrations at the sensitive receptors in the vicinity regularly for every blast performed and the values of "peak particle velocity" and "Air Over Pressure" shall be maintained below the permissible values prescribed by the DGMS, from time to time. The recommendations/preventive measures to be prescribed by the NITK-Suratkal for the blasting study, if any shall be complied by the Project Proponent and implementation status to prevent the damage towards Nagarjunasagar Left Bank canal should be submitted to the IRO.



- vii. The Project Proponent shall carry out the plantation with the survival rate of not less than 90% by planting 10 ft seedlings. Casualties should be replaced with new saplings every year and be counted separately other than the total proposed saplings. PP shall complete the peripheral plantation within 6 months from the start of mining operations. The data for such saplings should be furnished during six monthly compliance report along with the progressive plantation. PP shall undertake the progressive bench plantation up to HFL for eco restoration of water bodies.
- viii. The budget of Rs 59.0 Lakhs to address the concerns raised by the public including in the public hearing 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.
- ix. The Project Proponent shall adhere to the proposed Skill development programme earmarked with a budget of Rs 30.0 Lakhs to enhance the skill of the local people. The data should be maintained for the training imparted to the persons and the outcome of the training, for the assessment of the training program should be analyzed periodically and improved accordingly.
- x. The Project Proponent should implement the Rehabilitation of project affected families (PAFs) and payment of compensation to PAFs as per the policy and guidelines of the Central/State Government, as provided under the law.
- xi. The Project Proponent should explore the possibility of using CNG/electric vehicles instead of Diesel for cleaner production options to reduce the emission.
- xii. Regular surveillance on Silicosis shall be carried through regular occupational health check-up every year for mine workers.

## **B. STANDARD CONDITIONS**

### **I. Statutory compliance**

- 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.
- 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.
- 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.

- 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".
- 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.
- 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.
- 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](http://www.parivesh.nic.in)). A copy of the advertisement may be forwarded to the concerned MoEFCC Regional Office for compliance and record.
- 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.

## II. Air quality monitoring and preservation

- 9) 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.
- 10) 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

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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.

### III. Water quality monitoring and preservation

11) 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-geological study of the area.

12) 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.

13) 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.

14) 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.

15) 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.

16) 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.

17) 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.

#### **IV. Noise and vibration monitoring and prevention**

18) The peak particle velocity at 500m distance or within the nearest habitation, whichever is closer shall be monitored periodically as per applicable DGMS guidelines.

19) 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.

20) 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.

#### **V. Mining plan**

21) 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.).



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22) 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.

## **VI. Land reclamation**

23) 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.

24) 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/ 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.

25) 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.

26) 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.

## **VII. Transportation**

27) 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].

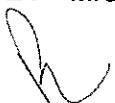
28) The Main haulage road within the mine lease should be provided with a permanent water sprinkling arrangement for dust suppression. Other roads within the mine lease should be wetted regularly with tanker-mounted water sprinkling system. The other areas of dust generation like crushing zone, material 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.

### **VIII. Green Belt**

29) 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 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.

30) 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.

31) 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.

#### **IX. Public hearing and human health issues**

32) 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.

#### **X. Corporate Environment Responsibility (CER)**

33) 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.

#### **XI. Miscellaneous**

34) 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.

35) 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.

36) 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.

37) 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.

38) 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.

39) 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.

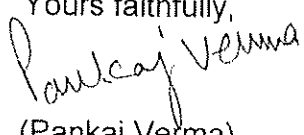
40) The Ministry or any other competent authority may alter/modify the above conditions or stipulate any further condition in the interest of environment protection.

41) 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.

26. 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.

27. 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.

28. This issues with the approval of Competent Authority.

Yours faithfully,  
  
(Pankaj Verma)  
Scientist 'E'

**Copy to:**

1. **The Secretary**, Ministry of Mines, Government of India Shastri Bhawan, New Delhi.
2. **The Secretary**, Department of Environment, Government of Telangana, Hyderabad.
3. **The Secretary**, Department of Forests, Government of Telangana, Hyderabad.
4. **The Secretary**, Department of Mines and Geology, Government of Telangana, Hyderabad.
5. **The Secretary**, Department of Industries and Commerce (M-III), Government of Telangana, Hyderabad.
6. **The Deputy Director General of Forests (C)**, Integrated Regional Office, 3<sup>rd</sup> Floor, Room No. 309, Aranya Bhawan, Opp. RBI, Safiabab – 500004, Hyderabad, Telangana.
7. **The Chief Wildlife Warden**, Government of Telangana, Telangana Forest Department, Aranya Bhavan, Saifabad, Hyderabad-500004.

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8. **The Chairman**, Central Pollution Control Board, Parivesh Bhawan, CBD-Cum-Office Complex, East Arjun Nagar, New Delhi-110 032.
9. **The Chairman**, Telangana State Pollution Control Board, A-3, Paryavaran Bhavan, Sanath Nagar Rd, Sanath Nagar Industrial Estate, Sanath Nagar, Hyderabad, Telangana 500018.
10. **The Member Secretary**, Central Ground Water Authority, A 2, W-3, Curzon road, Barracks, K.G Marg, New Delhi-110011.
11. **The Controller General**, Indian Bureau of Mines, Indira Bhavan, Civil Lines, Nagpur-440 001.
12. **The District Collector**, Suryapet District, Government of Telangana.
13. **Guard File.**
14. **PARIVESH Portal.**

*Pankaj Verma*  
(Pankaj Verma)  
Scientist 'E'

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