



**THE SINGARENI COLLIERIES COMPANY LTD.**  
(A Government Company)  
YELLANDU AREA  
KOYAGUDEM OPENCAST-II

Yellnadu -P.O 507123  
Bhadrakothagudem Dist -T.S  
Telephone GM : 08745-240044  
Env. Manager 08745-240329  
Fax .No. : 08745-240348

Ref. No.: YLD/KOCP-II/ *G-8/2873.*

Date: 27.11.2024

**To,**  
**The Director,**  
**Ministry of Environment, Forest & Climate Change (MoEF & CC),**  
**Sub Office,**  
**3<sup>rd</sup> Floor, Room No.309**  
**Aranya Bhavan, Opp: RBI**  
**Saifabad -500004**  
**Hyderabad.**

Sir,

Sub :- Half-Yearly Environmental Monitoring Report of Koyagudem  
open cast -II mine of Yellandu ,Area of S.c.co.Ltd - Reg.  
Ref :- MoEF Ltter No.J-11015/306/2006-I.A.II(M)GOI,Dated.11.06.2007

-\*-

With reference to the above ,please find enclosed herewith the  
Half-Yearly Environmental Monitoring Report for the period ending 30.09.2024 in  
respect of koyagudem OpenCast-II Mine of Yellandu Area, Singareni collieries  
Co.Ltd ,Bhadradi Kothagduem District, Telangana State.

The Report consisting includes the status of implementation of  
Environmental clearance conditions and various control measures taken by the  
project authorities during the above said period .

Thanking You

Yours faithfully

**Project Officer,**  
Koyagudem OC-II  
SCCL,Yellandu Area

End : As Above

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

<b>Proposal Name</b>	koyagudam Opencast-II Coal mine project		
<b>Name of Entity / Corporate Office</b>	G.VENKATESWARA REDDY		
<b>Village(s)</b>	N/A		
<b>District</b>			
<b>Proposal No.</b>	IA/TG/CMIN/194560/2017	<b>Category</b>	Coal Mining
<b>Plot / Survey / Khasra No.</b>	N/A	<b>Sub-District</b>	N/A
<b>State</b>	TELANGANA	<b>Entity's PAN</b>	*****8873F
<b>MoEF File No.</b>	J-11015/306/2006-IA.II(M)	<b>Entity name as per PAN</b>	THE SINGARENI COLLIERIES COMPANY LIMITED

**Compliance Reporting Details**

<b>Reporting Year</b>	2024
<b>Remarks (if any)</b>	HYMR OF KOC-II COAL MINE FOR THE PERIOD 1ST April 2024 TO 30th September, 2024
<b>Reporting Period</b>	01 Dec(01 Apr - 30 Sep)

**Details of Production and Project Area**

<b>Name of Entity / Corporate Office</b>	G.VENKATESWARA REDDY	
	<b>Project Area as per EC Granted</b>	<b>Actual Project Area in Possession</b>
Private	0	0
Revenue Land	0	0
Forest	601.85	601.85
Others	214.26	214.26
Total	816.11	816.11

**Production Capacity**

Sr. no	Product Name	units	Valid Upto	Capacity	Production last year	Capacity as per CTO
1	COAL	Million Tons per Annum (MTPA)	28/02/2027	2	3	2

**Conditions**

## Specific Conditions

Sr.No.	Condition Type	Condition Details
1	Statutory compliance	i) Environmental clearance is subject to obtaining clearance under the wildlife (protection) Act, 1972 from the competent authority.
<p><b>PPs Submission:</b> Complied MoEFCC has published final notification on Kinnerasani Wildlife Eco-sensitive Zone vide S.O. 2859(E) dated: 30.08.2017 which was published in the gazette of India on 01.09.2017 and KOCP-II mine boundary falls outside the Eco-sensitive Zone of Kinnerasani Wildlife at a distance of 850 m. Hence clearance under Wildlife Protection Act, 1972 is not required.</p>		Date: 27/11/2024
2	Statutory compliance	ii) Environmental clearance is subject to final order of the honorable Supreme Court of India in the matter of Goa foundation vs. union of India in writ petition (civil no.460 of 2004 as may be applicable to this project.
<p><b>PPs Submission:</b> Complied As ESZ final notification on Kinnerasani Wildlife Eco-sensitive Zone was published vide S.O. 2859(E) dated: 30.08.2017 in accordance with the guidelines Dt. 09.02.2011 as per the judgment of honorable Supreme Court of India in the matter of Goa foundation vs. union of India in writ petition (civil) no.460 of 2004.</p>		Date: 27/11/2024
3	Statutory compliance	iii) No mining operations shall be under taken in the forest until the clearance has been obtained under the provision of F .C Act, 1980.
<p><b>PPs Submission:</b> Complied Total Forest Land involved in the project is about 601.85 ha and mining operations started in the forest land only after diversion of the forest land. I. 138.07 ha (236.00 ha) of forest Land was diverted vide 8-113/99-FC dated 14.05.2001. II. 231.94 ha forest land was diverted vide f. No. 8-90/2006-FC dated 08.01.2008. III. 231.84 ha of forest land was diverted vide F. No. 8-22/2014-FC dated 18.04.2017.</p>		Date: 27/11/2024
4	PUBLIC HEARING	xxiii) R&R of the two villages Yelagalamatla and Darapadu villages involving 72 families and 411 land oustees shall be completed in a time bound manner and shall be based on the norms of the State Government or the National R&R policy which-ever is higher.
<p><b>PPs Submission:</b> Complied R and R of two villages Yelagalamatla and Darapadu completed for 82 PDFs (An extent of 10-05 Acres in Sy.No. 20/2, 141/2, 142/2 and 143/2 of Koppurai (V) was developed for R and R package as per GO No.68. Plots have been allotted to 82 PDFs). Compensation was paid for 601 land oustees, R and R is completed in 2014 as per the norms of state government. In addition 46 persons got SCCL jobs from Darapadu village.</p>		Date: 27/11/2024
5	PUBLIC HEARING	xxiv) Consent to operate shall be obtained for the rated capacity before starting mining operations after fulfillment of conditions imposed in NOC
<p><b>PPs Submission:</b> Complied Obtained CFO from TSPCB vide consent order No. 220523543179, dt 20.04.2022 Valid up to 28.02.2027.</p>		Date: 27/11/2024
6	Statutory compliance	iv) It shall be ensured that the mining operations with the lease area which is drained by a number of streams and nallahs carried out at safe distance as per statute and mine area is not inundated by peak flow of water from the natural drainage. It shall also be ensured that no OB from the mine operations out fall in to these natural courses

		the bund / embankment shall be compacted and stabilized with plantation and the slope of the embankment shall at least 2:1 towards the Mining lease.	
<p><b>PPs Submission: Being Complied</b> Safe distance is being maintained as per statute between the dumps and the surface drains. Garland drains were provided around the quarry to prevent the inundation of workings from peak flow of water during rainy season from the natural drainage. In Pit-II and Pit-III embankment has been made all along the quarry and plantation was taken up over it in order to prevent in-rush of water in to the mine in monsoon season and thus ensuring no OB from the mining operations is eroded into the natural courses.</p>			Date: 27/11/2024
7	LAND RECLAMATION	v) Top soil should be stacked properly with proper slope at earmarked site(s) and should not be kept active and shall be used for reclamation and development of green belt.	
<p><b>PPs Submission: Being Complied</b> Top soil is being stacked at earmarked site with proper slope as envisaged in the approved EMP and it being used for reclamation. Total 6.93 M.Cu.M of top soil removed till now of which 0.62 M.Cu.M is stacked and 6.31 M.Cu.M was spread over dumps and plantation was carried out.</p>			Date: 27/11/2024
8	WASTE MANAGEMENT	vi) OB should be stocked at the earmarked one external OB dumpsite with in mining lease area and shall be maximum height of 90m only consisting of 3 benches of 30m. The ultimate slope of dump shall not exceed 28 degrees. Back filling shall begin at the end of 4th year in the de-coaled area. Monitoring and management of reclaimed dumpsites should continue until the vegetation becomes self-sustaining. Compliance status should be submitted to the Ministry of Environment and Forests and its Regional Office located at Bangalore on yearly basis	
<p><b>PPs Submission: Being Complied</b> OB is being stacked at earmarked external dumpsite as per EMP. Presently the maximum height of external dump is 90 m with 30m deck each. The ultimate dump slope is being maintained less than 28 degrees. So far 388.73 ha of land has been brought under plantation within the ML Area, Including Internal and external OB dumps and other vacant areas . Since last 6 months 4.32 M.cu.M OB was removed and dumped at the earmarked dump sites in Internal dump of Pit-I . Monitoring and management of reclaimed dumpsites is being carried out and will be continued until the vegetation becomes self-sustaining. The progress of reclamation of dump sites is being furnished to MoEFCC once in six months, as a part of HYMR.</p>			Date: 27/11/2024
9	MISCELLANEOUS	vii) Catch drains and siltation ponds of appropriate size should be constructed to arrest silt and sediment flow from soil OB, and mineral dumps. The water so collected should be utilized for watering the mine area roads, green belt development. the drains should be regularly desilted and maintained properly. Garland drains (size gradient and length) and sump capacity should be designed in keeping 50% safety margin over and above the peak sudden rainfall and discharge in the area adjoining the mine site. Sump capacity should also provide adequate retention period to allow proper settling of silt material.	
<p><b>PPs Submission: Being Complied</b> Garland drains of around 7.20 km length (2.5 m x 2.5 m) provided around Pit-II and Pit-III quarry and about 3.30 km length of garland drain (2m x 2m) has been made around external OB dump based on peak rainfall and maximum discharge of water. For Pit-I around 6.40 Km length garland drain (2.5 m x 2.5 m) provided around quarry, and 4.0 km length garland drain (2m x 2m) is to be provided around OB dump. 6 No. of siltation ponds (20m L X 20m W x 2m D) were provided around the OB dumps. The water from the settling ponds is being used for dust suppression arrangements. Garland drains and settling ponds will be further extended as per the progress of</p>			Date: 27/11/2024

quarry and OB dump. Sump of adequate retention capacity is provided to allow proper settling of silt material.		
10	MISCELLANEOUS	xx) For monitoring land use pattern and for post mining land use, a time series of land use maps, based on satellite imagery (on a scale of 1:5000) of the core zone and buffer zone from the start of the project until end of mine life shall be prepared once in 3 years (for any one particular season which is consistent in the time series) and the report submitted to MOEF and its Regional Office at Bangalore.
<b>PPs Submission:</b> Complied Satellite data based land use studies to monitor land use pattern was carried out during 2022 through an external agency, Greencindia Pvt. Ltd., a NABET accredited agency.		Date: 27/11/2024
11	MISCELLANEOUS	viii) Dimension of the retaining wall at the toe of the dumps and OB benches within the mine to check run-off and siltation should be based on the rainfall data.
<b>PPs Submission:</b> Being Complied For, Pit II and Pit III about 7.20 kms of toe wall was constructed with 2.50 mtrs width and 2.50 mtrs height at the toe of the dump. In Pit I toe wall is constructed for a length of 2.0 kms around 30m deck and 1 km around 60m deck of external OB dump. Rainfall data is being considered while designing the dimension of the retaining wall.		Date: 27/11/2024
12	Statutory compliance	xvi)The conditions stipulated by the State Ground water Department shall be effectively implemented. The company shall obtain prior approval of CGWA/CGWB Regional Office for use of groundwater if any, for mining operations
<b>PPs Submission:</b> Complied Ground water clearance has been obtained has been obtained from State Ground Water Authority and is valid up to 26.09.2026. Ground water levels and quality is being periodically monitored four seasons in a year and the monitored data is being submitted to TSSGWD regularly.		Date: 27/11/2024
13	AIR QUALITY MONITORING AND PRESERVATION	ix) Crushers at the CHP should be operated with high efficiency bag filters water sprinklers system should be provided to check fugitive emissions at loading points, conveyor system, haulage roads and transfer points.
<b>PPs Submission:</b> Being Complied It is submit that in CHP coal is not pulverized in the crushers and is only crushed to (-) 200 mm size. Hence, instead of bag filters, fixed as well as mobile water/mist spray arrangements have been provided for controlling dust emissions and the air quality parameters monitored at the CHP are well within the stipulated norms. A 10 KL capacity water sprinkler is being deployed for dust suppression at CHP and surroundings. SCCL has been requesting MoEFCC to amend the condition of installing bag filters for the CHPs and this condition is not being imposed in the recent ECs issued for coal mines. To arrest the fugitive emissions from the haul roads 25 KL capacity 1 No, 20 KL capacity 2 Nos, 15 KL capacity 1 No and 10 KL capacity 1 No, of Water tankers are provided for water spraying along haul roads. Effective water spraying arrangements are provided at every loading point and all along the conveyor system to arrest the dust. In addition to the above, a mobile mist spray arrangement has also been provided at KOC CHP for effective dust suppression.		Date: 27/11/2024
14	AIR QUALITY MONITORING AND PRESERVATION	x) Road from ML to CHP shall be metal topped. Trucks transporting the mineral coal form the mine site to CHP shall be covered with tarpaulin and shall be optimally loaded.
<b>PPs Submission:</b> Complied Road from mine to CHP is metal (Black) topped. The coal transporting trucks are being covered with tarpaulin and they are being optimally loaded to prevent spillage of coal and dust generation		Date: 27/11/2024

during coal transportation.		
15	AIR QUALITY MONITORING AND PRESERVATION	xi)The additional road of a length of 3130 m to be constructed for use in transporting mineral coal to CHP shall be metal topped.
<b>PPs Submission:</b> Complied The additional black topped road having length of 3130 m has been constructed for coal transportation.		Date: 27/11/2024
16	AIR QUALITY MONITORING AND PRESERVATION	XII) Drills should be wet operated only.
<b>PPs Submission:</b> Being Complied All drills are provided with wet drilling arrangement in OB.		Date: 27/11/2024
17	Noise Monitoring & Prevention	xiii) Controlled blasting shall be practiced only during day time with use of delay detonators. The mitigative measures for control of ground vibrations and to arrest the fly rocks and boulders should be implemented.
<b>PPs Submission:</b> Being Complied Controlled blasting was practiced and blasting was carried out during day time only using nonels. Usage nonels has helped in control of ground vibrations, to arrest the fly rock during blasting operations. The blast ground vibrations and noise levels are being monitored as per DGMS guide lines.		Date: 27/11/2024
18	GREENBELT	xiv)Afforestation shall cover not less than 576.47 Ha. Which includes reclaimed external OB dump (117.78Ha) reclaimed top soil dump back filled area (107.79 Ha) along ML boundary and green belt along the drains along roads, along service buildings and safety zone within the lease bund avenue plantation and green belt outside the lease (township) by planting native species in consultation with the local DFO /agricultural department The density of the trees should be around 2500 plants per ha.
<b>PPs Submission:</b> Being Complied Afforestation has is being carried out with the progress of the mine and plantation was already taken up in an area of 388.73 ha ha including external dumps, backfilled area and in the safety zone within the project area. Native species are being planted in consultation with the local DFO in outside the lease area. List of the tree species planted in the project are furnished below: Termineliabellarica, Mitragynaparvifolia, Dlbergialatifollia, Hardwickiabinnata, Azardirachta indica, , Ficus racemosa, Madhuca longifolia, Pongamia pinnata, Bombax ceiba, Annona squamosa, Ficus bengalensis, Emblica officinalis, Bauhinia purpurea, Dendrocalamusstrictus, Adina cordifolia, Pterocapus marsupium, Syzygiumcumini, Tamarindus indica, Aegle marmelos, Ficus religiosa, Ficus mollis, Dalbergia sissoo, Albizzia lebbek, Albiizziaprocera, Sterculia urens, Terminelia tomentosa, Pithecellabium dulce.		Date: 27/11/2024
19	Statutory compliance	xv)A progressive mine closure plan shall be implemented by reclamation of quarry area of 117.78 ha which shall be back filled and afforested by planting native plant species in consultation with the local DFO/Agriculture Department The density of the trees should be around 2500 plants per ha. The balance 226.33 ha de-coaled area being converted into a water reservoir, shall be gently sloped along the upper benches and stabilized and reclaimed with plantation and the reservoir peripherally fenced.

<p><b>PPs Submission: Being Complied</b>  Progressive mine closure activities are being carried out as per the approved Mine Plan and Mine Closures Plan, progress of the same is being submitted to Regional Office, MoEFCC on half yearly basis as a part of HYMR. Back filling operations started in the year 2008-09 and as on date, about 110.79 M.Cu.m of OB has been backfilled in 197.47 ha area and also 49.88 M.Cu.m OB was dumped in Pit-I internal dump yard and biological reclamation is done with native species. Care will be taken regarding slope, stabilization, reclamation and fencing of reservoir, at the final stage of backfilling.</p>		<p>Date: 27/11/2024</p>
20	<p><b>WATER QUALITY MONITORING AND PRESERVATION</b></p>	<p>xvii) Regular monitoring of groundwater and quality should be carried out by establishing a network of existing wells and construction of new piezometers. The monitoring for quantity should be done four times a year in pre-monsoon (May) Monsoon (August) Post monsoon (November) and winter (January) seasons and for quality in May. Data thus collected should be submitted to the Ministry of Environment and Forests and to the Central Pollution Control Board quarterly within one month of monitoring.</p>
<p><b>PPs Submission: Being Complied</b>  Regular monitoring of ground water level and quality is being carried out by establishing a network of nineteen (10) existing wells and seven (09) piezometers. The monitoring of quantity and quality is being done four times a year in pre-monsoon (May), monsoon (August), post-monsoon (November) and winter (January) seasons. Data thus collected is being submitted to the MoEFCC and to the State Pollution Control Board on half yearly basis.</p>		<p>Date: 27/11/2024</p>
21	<p><b>MISCELLANEOUS</b></p>	<p>xviii)The Company shall put up artificial groundwater recharge measures for augmentation of groundwater resource. The Project authorities should meet water requirement of nearby village(s) in case the village wells go dry due to dewatering of mine.</p>
<p><b>PPs Submission: Agreed to Comply</b>  The Piezometric and Phreatic wells monitoring data reveals that there is no adverse impact on ground water due to mining activity. However artificial groundwater recharge measures for augmentation of groundwater resource are being taken up around the project area. 3 Nos. of settling ponds were constructed near the western pit dump of the project area which are serving the purpose of augmentation of ground water recharging. Mine discharge water is being pumped in to nearby Tella Cheruvu tank and Lachagudem Tank after treating them in settling ponds for ground water recharge. There is no incidence of drying of wells in nearby villages. However, if village wells go dry due to mining operations the project authorities will provide water required for the nearby villages</p>		<p>Date: 27/11/2024</p>
22	<p><b>Human Health Environment</b></p>	<p>xix)Besides carrying out regular periodic health check up of their workers, 10% of the workers identified from workforce engaged in active mining operations shall be subjected to health checkup for occupational diseases and hearing impairment, if any, through an agency such as NIOH, Ahmedabad within a period of one year and the results reported to this Ministry and to DGMS.</p>
<p><b>PPs Submission: Being Complied</b>  SCCL established eleven Initial Medical Examination (IME) /Periodical Medical Examination (PME) centres in the company, i.e., at Kothagudem, Manuguru, Yellandu, Godavarikhani Sector-III Colony(Godavarikhani), Bellampalli, Ramakrishnapur, Mandamarri, Srirampur, Bhupalpally and Sathupalli for conducting IME/PME of the employees including contract employees. All the PME Centres are equipped with necessary infrastructure for carrying out IME/PME and maintenance of data base. All the Chest radiographs of the Initial and Periodical Medical examinations are being classified for detection, diagnosis and documentation of Pneumoconiosis in accordance with the ILO classification for Pneumoconiosis according to DGMS guidelines. All the PME Doctors employed except gynaecologists, paediatricians, surgeons and ortho surgeons are trained to read PME X Rays in accordance with ILO classification of Pneumoconiosis. Out of a total of 209 Doctors on roll as on date, 123 Doctors are trained in reading the chest radiographs as per the ILO guide lines. SCCL has</p>		<p>Date: 27/11/2024</p>

one Occupational Diseases Board (Pneumoconiosis Board) in existence since 1965. Chief of Medical Services, Radiologist constituted the Occupational Diseases Board, Physician and Occupational Health Physician together. In SCCL, Every employee above 45 years age is examined at an interval of once in three years and employees of below 45 years age are examined once in five years under PME. If, on examination his health status is found to be normal, he will be reviewed after completion of 5/3 years period. Eye refraction test is being done for vehicle drivers and HEMM operators at an interval of once in a year. The PME details are being submitted to the Ministry and to the DGMS at regular intervals. In SCCL, Every employee above 45 years age is examined at an interval of once in three years and employees of below 45 years age are examined once in five years under PME. If, on examination his health status is found to be normal, he will be reviewed after completion of 5/3 years period. Eye refraction test is being done for vehicle drivers and HEMM operators at an interval of once in a year. The PME details are being submitted to the Ministry and to the DGMS at regular intervals. So far 114 (i.e, SCCL-24, Contractor-90) no. of persons undergone PME/IME for this six months.

23	WATER QUALITY MONITORING AND PRESERVATION	xxi) STP shall be provided in the colony. ETP should also be provided for workshop and CHP waste water.
----	---	---

<p><b>PPs Submission:</b> Complied 1.0 MLD STP is provided at Singareni colony, Tekulapalli for treating domestic effluents. ETP is constructed at Base workshop to treat the vehicle washing effluents and the settling ponds have been provided to treat mine discharge water.</p>		<p>Date: 27/11/2024</p>
--	--	-----------------------------

24	Statutory compliance	xxii) A final mine closure plan along with details of corpus fund should be submitted to the ministry of Environment and forests 5 years in advance of final mine closure for approval.
----	----------------------	---

<p><b>PPs Submission:</b> Agreed to Comply The balance life of the mine is 06 years. As such, final mine closure plan will be prepared 5 years in advance of the mine closure and after approval of MoC, GoI, it will be submitted to MoEFCC. As, per the approved Mining Plan and Mine Closure Plan SCCL has so far deposited an amount of Rs. 51.98 Crores in the Escrow Account.</p>		<p>Date: 27/11/2024</p>
---	--	-----------------------------

## General Conditions

Sr.No.	Condition Type	Condition Details
1	MINING PLAN	i) No change in mining technology and scope of working should be made without prior approval of the Ministry of Environment and Forests.

<p><b>PPs Submission:</b> Agreed to Comply No change in the mining technology and scope of working.</p>		<p>Date: 27/11/2024</p>
---	--	-----------------------------

2	MINING PLAN	ii) No Change in the calendar plan, including excavation quantum mineral coal and waste should be made.
---	-------------	---

<p><b>PPs Submission:</b> Agreed to Comply Excess coal production was done in the project from 2009-10 to 2015-16 and form 2018-19 to 2023-24 beyond the sanctioned EC capacity of 2.00 MTPA violating the EC condition and as per MoEFCC, S.O. No.804 (E), dated 14th March, 2017 and its subsequent amendments, SCCL applied for ToR/EC under violation category and MoEFCC granted ToR vide File No. 23-74/2018-IA.III (V), dated 13.09.2019 for a capacity of 3.00 MTPA. PH was conducted on 15.02.2024 and in the SEAC and SEAII meeting held on 12.09.2024 and 16.10.2024 EC was recommend for the project under the violation category for a enhanced capacity of 3.00 MTPA.</p>		<p>Date: 27/11/2024</p>
---	--	-----------------------------

3	AIR QUALITY	iii) Four ambient air quality monitoring stations should be
---	-------------	---



	MONITORING AND PRESERVATION	established in the core zone as well as in the buffer zone for SPM, RPM, SO <sub>2</sub> , and NO <sub>x</sub> monitoring. Location of the stations should be decided based on the meteorological data, topographical features and environmentally and ecologically sensitive targets in consultation with the state pollution Control Board.
<p><b>PPs Submission:</b> Complied</p> <p>Eight (8) Nos. of Ambient Air Quality Monitoring stations (4 in core and 4 in Buffer zones) have been identified in consultation for post project monitoring work based on meteorological data, topographical data in consultation with Regional Office, TSPCB, Kothagudem. One Continuous Ambient Air Quality Monitoring Station also installed for real time monitoring of air quality and data is being uploaded to TSPCB.</p>		Date: 27/11/2024
4	AIR QUALITY MONITORING AND PRESERVATION	iv) Fugitive dust emissions (SPM & RPM) and all the sources should be controlled regularly monitored and data recorded properly. Water spraying arrangements on haul roads wagon loading, dump trucks, (loading and unloading) points should be provided and properly maintained.
<p><b>PPs Submission:</b> Being Complied</p> <p>Fugitive dust emissions are controlled by water/mist spraying arrangements and are being monitored as per DGMS (Tech)(S and T) circular No.1 of 2004 with personal dust sampler. The following categories of persons are monitored by personal dust sampler: Drillers and helpers, Shovel Operators, Cable boy, Trip counter, Dozer/Grader Operators and Helpers, CHP conveyor operator, Crusher operators. Monitoring data results are within the limits stipulated DGMS (Tech) (S and T).</p>		Date: 27/11/2024
5	AIR QUALITY MONITORING AND PRESERVATION	v) Data on ambient air quality (SPM, RPM, SO <sub>2</sub> , No <sub>x</sub> ) should be regularly submitted to the Ministry including its Regional Office at Bangalore and to the State Pollution Control Board and the Central Pollution Control Board once in Six months.
<p><b>PPs Submission:</b> Being Complied</p> <p>The ambient air quality data on PM<sub>10</sub>, PM<sub>2.5</sub>, SO<sub>2</sub> and NO<sub>x</sub> is being submitted to the Regional office, MoEFCC, and State Pollution Control board, Hyderabad once in every 6 months.</p>		Date: 27/11/2024
6	Noise Monitoring & Prevention	vi) Adequate measures should be taken for control of noise levels below 85 dB (A) in the work environment. Workers engaged in drilling and blasting operations, operation of HEMM etc., should be provided with ear plugs and muffs.
<p><b>PPs Submission:</b> Being Complied</p> <p>Adequate measures are being taken for control of noise levels below 85 dB (A) in the work environment, like procurement of HEMM with sound proof operators cabins, periodical planned preventive maintenance of HEMM and other transport vehicles at regular intervals as per schedules submitted by OEM, development of thick green belt around the project to act as an attenuator in reducing noise to ambient atmosphere. Workers being engaged in drilling and blasting operations, operation of HEMM and other activities having noisy environment are being provided with ear plugs. Noise Levels were monitored in 4 locations through MoEF and CC approved third party laboratory both day and night and monitored data show that the values are within the limit.</p>		Date: 27/11/2024
7	AIR QUALITY MONITORING AND PRESERVATION	viii) Vehicular emissions should be kept under control and regularly monitored vehicles used for transporting the mineral should be covered with tarpaulins and optimally loaded.
<p><b>PPs Submission:</b> Being Complied</p> <p>Vehicular emissions are being kept under control through regular maintenance of vehicles. Vehicles used for transporting the mineral are being covered with tarpaulins and are optimally loaded. Vehicular emissions are being monitored regularly through MoEFCC, CPCB, recognized and NABL accredited laboratory M/s.EPTRI Hyderabad.</p>		Date: 27/11/2024

8	AIR QUALITY MONITORING AND PRESERVATION	ix) Environmental laboratory should be established with adequate number and type of pollution monitoring and analysis equipment in consultation with the State Pollution Control Board.
<p><b>PPs Submission: Complied</b> Regional Laboratory has been established by EPTRI for Yellandu area at Kothagudem with two qualified staff members for analysis of critical parameters in the field. Post Project Environmental Monitoring is being carried out through external agency M/s. Environment Protection Training and Research Institute (EPTRI), Hyderabad.</p>		<p>Date: 27/11/2024</p>
9	PUBLIC HEARING	x) Personnel working in dusty areas should wear protective respiratory devices and they should also be provided with adequate training and information on safety and health aspects. Occupational health surveillance programme of the workers should be undertaken periodically to observe any contractions due to exposure to dust and to take correct measures, if needed.
<p><b>PPs Submission: Being Complied</b> Dust respirators have been provided to workmen exposed to dusty environment. As a part of refresher training, work persons are being provided with adequate training and information on safety and health aspects Periodical Medical Examination (PME) is being conducted to check the Health status of the employees and if necessary, corrective measures are being taken. 114 employees (including OB and other contractor) had undergone PME during last six months.</p>		<p>Date: 27/11/2024</p>
10	Corporate Environmental Responsibility	xi) A Separate environmental management cell with suitable qualified personnel should be setup under the control of a senior Executive who will report directly to the Head of the Company.
<p><b>PPs Submission: Complied</b> A company level environment cell headed by General Manager (Environment) is established to monitor and guide in implementation of the environmental safeguards An area level environmental cell headed by qualified environmental officer is established and functioning under the control of area General Manager to monitor and guide in implementation of the environmental safeguards. To carryout functions relating to environmental management at this project, an environment management committee (EMC) has been constituted with the following members: 1. SO to GM Chairman 2. Project officer Member 3. Area engineer (E and M) Member 4. Area civil engineer Member 5. Area forest officer Member 6. Area estates officer Member 7. Project Manager Member 8. Project engineer Member 9. Project surveyor Member 10. Project env.officer Member 11. Area env. Officer Secretary 12. Sr.Hydro Geologist Member 13. Area Survey Officer Member 14. BaseWorkshop Incharge Member</p>		<p>Date: 27/11/2024</p>
11	WATER QUALITY MONITORING AND PRESERVATION	vii) Industrial waste water (waste water from the mine and work shop) should be properly collected, treated so as to conform to the standards prescribed under GSR 422(E) dated 19th May 1993 and 31st December 1993 or as amended from time to time before discharge. Oil and grease trap should be installed before discharge of workshop effluent.
<p><b>PPs Submission: Being Complied</b> ETP has been provided for workshop with oil and grease trap. Periodical monitoring of ETP effluents is being carried out through M/s EPTRI, CPCB recognized and NABL accredited Laboratory and monitored effluents are well within the prescribed limits.</p>		<p>Date: 27/11/2024</p>
12	Corporate Environmental Responsibility	xii)The funds earmarked for environmental protection measures should be kept in separate account and should not be diverted for other purpose. Year-wise expenditure should be reported to this Ministry and its Regional Office at Bangalore.
<p><b>PPs Submission: Being Complied</b> The funds earmarked for the environmental safeguards are being kept in separate account and are not</p>		<p>Date: 27/11/2024</p>

diverted for other purpose. Year wise expenditure is being reported to the Ministry and its Regional Office of MoEFCC.		
13	MISCELLANEOUS	xiii) The Regional Office of this ministry located at Bangalore shall monitor compliance of the stipulated conditions. The project authorities shall extend full cooperation to the officers of the Regional Office by furnishing the requisite data /information/monitoring reports.
<b>PPs Submission:</b> Agreed to Comply Project authorities will extend full cooperation to the officers of the Regional Office by furnishing the requisite data /information/monitoring reports.		Date: 27/11/2024
14	MISCELLANEOUS	xiv) A copy of the clearance letter shall be marked to concerned panchayat / local NGO, if any from whom any suggestion/representation has been received while processing the proposal.
<b>PPs Submission:</b> Complied The copy of the Clearance letter was submitted to Koyagudem Grampanchayat, Gangaram Grampanchayat, Tekulapally Grampanchayat.		Date: 27/11/2024
15	MISCELLANEOUS	xv) State Pollution Control Board should display a copy of the clearance letter at the Regional office, District Industries Center and Collector's Office/Tahsildar office for 30 days.
<b>PPs Submission:</b> Complied Environmental clearance letter was displayed at the Regional office, District Industries Center and Collectors Office and Tahsildar office.		Date: 27/11/2024
16	MISCELLANEOUS	xvi) The project authorities should advertise at least in two local newspapers widely circulated around the project. One of which shall be in the language of the locality concerned within seven days of the clearance letter informing that the project has been accorded environmental clearance and a copy of the clearance letter is available with the state Pollution Control Board and may also be seen at the website of the Ministry of Environment and Forests at <a href="http://envfor.nic.in">http://envfor.nic.in</a> .
<b>PPs Submission:</b> Complied Advertisement given in the Ewnadu (Telugu) and The Hindu (English) Daily News papers stating that the KOCP- II Mine of SCCL has been accorded the Environmental Clearance from Ministry of Environment and Forests, GOI, New Delhi.		Date: 27/11/2024
17	MISCELLANEOUS	3) The Ministry or any competent authority may stipulate any further condition for environmental protection.
<b>PPs Submission:</b> Agreed to Comply Agreed to comply		Date: 27/11/2024
18	MISCELLANEOUS	4) Failure to comply with any of the conditions mentioned above may result in withdrawal of this clearance and attract the provisions of the Environment (Protection) Act, 1986.
<b>PPs Submission:</b> Agreed to Comply Agreed to comply		Date: 27/11/2024
19	MISCELLANEOUS	5) 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 the their amendments and Rules.

**PPs Submission:** Complied

The above conditions are being complied as per Water (Prevention and Control of Pollution) Act 1974, The Air (Prevention and Control of Pollution) Act, 1981 The Environment (Protection) Act, 1986. CFE and CFO obtained and Public Liability Insurance Policy is taken from the New India Assurance Company Ltd under Public Liability Insurance Act, 1991 vide policy No. 61360136233300000001, valid from 30.04.2023 to 29.04.2024, which will be renewed periodically.

Date:  
27/11/2024

**Visit Remarks**

**Last Site Visit Report Date:**

30/05/2024

**Additional Remarks:**

nil

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