



THE SINGARENI COLLIERIES COMPANY LIMITED
(A GOVERNMENT COMPANY)
MANUGURU AREA

Ref.No. MNG/ENV/01/2025-26/ 36

Date: 23.05.2025

To
The Director (Scientist-F),
MoEF & CC,
Integrated Regional Office,
Aranya Bhavan,
Saifabad,
Hyderabad - 500004

Dear Sir,

Sub: Submission of Half yearly Environmental monitoring and EC Compliance Report of Expansion of Manuguru Opencast Coal mining Project for the period ending with 31st March, 2025 – Reg.

Ref: No.J-11015/905/2007-IA-II(M) Dt:24.10.2008
F.No.11015/905/2007-IA-II(M) Pt. Dt: 06.12.2019
F.No.J-11015/905/2007-IA-II(M) Dt:18.02.2022

With reference to the above subject, please find enclosed herewith the Half yearly Environmental monitoring and EC Compliance report in respect of Expansion of Manuguru Opencast Coal mining Project of the Singareni Collieries Company Limited, Manuguru Area for the Period ending of 31st March, 2025 (i.e. 1st October, 2024 – 31st March, 2025).

Thanking you,



Yours faithfully,

[Signature]
23/5
General Manager,
Manuguru Area.
General Manager
Manuguru Area

CC: Environment Engineer, TSPCB, RO, Kothagudem



परिवेश
PARIVESH
(CPC GREEN)

पर्यावरण, वन और जलवायु परिवर्तन मंत्रालय
Ministry of Environment, Forest and Climate Change

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View Half Yearly Compliance Report at Project Proponent

Proposal Details

Proposal No

IA/TG/CMIN/114765/2019

Category

Coal Mining

Name of Project

Expansion of Manuguru Opencast Coal Mining Project

Plot / Survey/ Khasra No.**Village(s)****Sub-District(s)****State**

TELANGANA

District

BHADRADRI KOTHAGUDEM

MoEF File No

J-11015/905/2007-IA-II(M)

Name of the Entity/**Corporate Office**

G.VENKATESWARA REDDY

Entity's PAN

*****8873F

Entity Name as per PAN

THE SINGARENI COLLIERIES COMPANY LIMITED

Entity details mentioned above is correct ?

Agree

Covering Letter

Covering Letter

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Compliance Reporting Details

Reporting Year

2024

Reporting Period

01 Dec(01 Apr - 30 Sep)

Remark(if any)

Compliance of HYMR of Expansion of Manuguru Opencast Coal Mining Project (2.10 MTPA)from 1st Apr 2024 to 30th Sept 2024.

Details of Production and Project Area

Date of Commencement of Project/Activity

29-12-2021

	Project Area as per EC Granted(ha.)	Actual Project Area in Possession(ha.)
Private	331.36	331.36
Revenue Land	302.11	302.11
Forest	34.95	34.95
Others	0	0
Total	668.4200000000001	668.4200000000001

Land Documents

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Sr.No.	Name of the Product	Units	As per EC Granted	As per CTO Granted	CTO ID	Valid Up To	Production during last financial year
1	coal	Million Tons per Annum (MTPA)	2.1	2.1	22052365142	31-10-2026	2.1

Conditions

Specific Conditions

Sr.No.	Condition Heading	Condition Details	Status of Compliance,Remarks / Reason and Supporting Documents	
1	Statutory compliance	I) PP must comply with all the non-compliances or partially compliances as per the certified compliance report wrt all the EC conditions and furnish the status in the six monthly compliance report of IRO and respective state pollution board of June, 2022.	PPs Submission	Non-compliances or partially compliances as per the certified compliance report w.r.t. all the EC conditions are being complied. Being Complied 30-11-2024 Attachment:NA
2	MISCELLANEOUS	II) PP must work on River conservation plan of Godavari River flowing adjacent to the boundary of the mine lease with respect to its quality check, beatification, plantation along the boundary and construct over bridge if required within 6 months. The PP must collaborate with respective state government and state pollution boards in regards to converge with river rejuvenation plan of the River Godavari.	PPs Submission	Riverine / riparian Eco system conservation and management plan of Godavari river flowing adjacent to the boundary of the mine lease is prepared in consultation with Telangana state irrigation and CAD Department.Vide letter No.EE/Irr/ Div.4/MNGR /DB/AEE9T)/SCCL/2021-22/643dt: 23.11.2021 Godavari UP stream and down stream water samples are being collected and analysis by EPTRI,HYD on fortnight basis and results are being submitted to MoEF CC and RO ,Kothagudem as part of HYMR report. Plantation was done all along the flood protection bund which is constructed adjacent to Godavari river. Approximately 186.98 Ha. Plantation completed in the project including the flood protection bund area

				also. Complied 30-11-2024 Attachment:NA
3	Corporate Environmental Responsibility	III) PP should provide the detail of the time bound activities to be followed and proposed in FY 2021-2022 to 2024-2025 with respect to the annual recurring EMP cost of 6.50 crores including annual CER cost of 3.11 crores with the six monthly compliance report submitted to the IRO and State Pollution Board.	PPs Submission	<p>During last financial year an amount Rs.8.34 Crores were spend as revenue expenditure instead of the Rs.6.50 Crores. So far an amount of Rs.42.34 Crores were spend as revenue expenditure since inception of the project. As per OM dt: 30th September 2020 and subsequent modification in OM dated: 20th October 2020 and 25th February 2021. Instead of carrying out CER activities, Project proponent has to fulfill the commitments made during public hearing. Works carried out as per PH commitments S.No. Area Description Amount in in lakhs 1 Kotha Padmagudem Community hall 41.63 2. Kotha Padmagudem School Building 33.03 3. Kotha Kommugudem CC Roads 41.50 - SCCL has provided employment for 79 members on permanent basis for MNGOCP land losers. - In addition to the above, employment provided to 3726 unemployed youth and land losers in surrounding villages in different contract works. i.e. in OB removal work , coal transport work ,drivers for vehicles etc., in Manuguru area. - RR centers were established one at Kotha Padmagudem in 8.14 acres, Near Railway station, Manuguru and another at</p>

				<p>Kotha Kommugudem, Near Sivalayam, Manuguru in 12 acres. - SCCL is providing 8.6 Lakh Gallons per Day (LGD) drinking water to manuguru municipality and gram panchayats surrounding to the coal mining projects. - RR package is given as per G.O.M.No.68. RR Villages namely Eggagudem, Kommugudem, Padmagudem and Mallepalli villages Being Complied 30-11-2024 Attachment:NA</p>
4	Corporate Environmental Responsibility	IV) The need based survey with the time bound activities to be followed and proposed under CSR activity within the study area of 10 km radius to be provided by the PP for FY 2021-2022 to 2024-2025 with budgetary provision must be carried out and provided with six monthly compliance reports to the IRO and state pollution board.	PPs Submission	<p>CSR activities are being carried out in the study area within the 10 km radius of the project boundary. In the year 2024-25 development works of about Rs.60 Lakhs were carried out under CSR in the study area and till now Rs.1761.37 lakhs were spent under CSR activities in Manuguru area for carrying out different development activities. Further CSR activities will be continued as per the need based survey. The details of the CSR enclosed as Annexure-XXVII Being Complied 30-11-2024 Attachment: Click to View</p>

5	AIR QUALITY MONITORING AND PRESERVATION	V) PP shall install fixed fog cannon (mist sprayer) all along the haul road till CHP and OB Dump area and accordingly sufficient number of fog cannons (not less than 10 nos) with 40 mts jet length shall be installed within 6 months. It should be ensured that air pollution level confirm to the standards prescribed by the MOEFCC/CPCB.	PPs Submission	Already 10 nos. of fixed fog cannon with 40 meter jet length (mist sprayers) were installed near crushers and coal dump yard. Complied 30-11-2024 Attachment:NA
6	GREENBELT	VII) PP shall reduce the depth of mine void from current 200 mts to 150 mts (at least) and height of OB dumps and regrades it for better landscaping.	PPs Submission	The depth of the mine void is 200 m to be left over as water body at the end of the mining operations as per the Mining Plan and Mine closure plan approved by MoC, GoI, vide F.no. PCA-38011/12/2017-PCA dated 22.04.2019. Agreed to Comply 30-11-2024 Attachment:NA
7	AIR QUALITY MONITORING AND PRESERVATION	VIII) PP shall deploy only 40-50 tonnes of dumpers/trucks to reduce the fleet size for transportation of coal.	PPs Submission	60 tonne capacity dumpers are deployed in the project for transportation of coal . Complied 30-11-2024 Attachment:NA
8	Statutory compliance	IX) PP shall obtain No Objection Certificate (NOC) for extraction of Ground Water from Central Ground Water Authority for	PPs Submission	Ground water clearance for the expansion capacity was obtained from TSGWD void Lr. No.258/T/SCCL/2018-1, dt:18.05.2021, valid upto 17.05.2026. Complied

		expansion capacity.		30-11-2024 Attachment:NA
9	GREENBELT	X) PP shall implement Peripheral tree plantation along the mine lease area with Miyawaki method of 50 mts width within 2 years through independent expert.	PPs Submission	Peripheral tree plantation is taken up along the mine lease area with Miyawaki method and developed in 1 acre land and also different native species planted . Being Complied 30-11-2024 Attachment:NA
10	WATER QUALITY MONITORING AND PRESERVATION	XI) PP also to provide drinking water facilities like installation of RO with proper water supply pipe fittings to nearby rural areas and also to install hand pumps by seeking consent from Panchayat of the villages located within the study area of 10 km radius buffer zone within two years.	PPs Submission	10 nos. of 250 LPH capacity of RO water plants procured to install in nearby villages and the same is being installed in consultation with respective village Panchayat of the villages located within the study area of 10 km radius buffer zone. Being Complied 30-11-2024 Attachment:NA
11	PUBLIC HEARING	XII) PP to install solar lights within 1 year from the grant of this EC along the road used for transportation of minerals to avoid the accidents at night and also seek its maintenance. PP is asked to also identify the rural areas for installation of solar light with its maintenance	PPs Submission	Sufficient lighting arrangement has been done and maintained all along the coal transportation road to avoid the accidents/incidents during the night hours. Further, solar lights are being installed within the study area of 10 km radius buffer zone. Being Complied 30-11-2024 Attachment:NA

		within the study area of 10 km radius buffer zone within one year.		
12	PUBLIC HEARING	XIII) PP to provide bio toilets to the villages located within the study areas within 1 year from the grant of this EC.	PPs Submission	Bio toilets are being provided in surrounding villages of MNGOCP. Being Complied 30-11-2024 Attachment:NA
13	AIR QUALITY MONITORING AND PRESERVATION	XIV) Adequate effectiveness of EMP should be analyzed from the offset / hike of air pollution data from continuous monitoring stations and quarterly report shall be generated and submitted with 6 monthly compliance report to RO, MoEF&CC.	PPs Submission	Ambient air quality is being periodically monitored in and around the project and the monitored data is being furnished to IRO, MoEF CC and TSPCB along with six-monthly EC compliance reports. continuous Ambient Air Quality monitoring data being submitted along with HYMR Compliance report. The Six months CAAQMS Data is enclosed in Annexure- VIII Being Complied 30-11-2024 Attachment: Click to View
14	GREENBELT	XV) Project proponent to plant 150,000 nos. of native trees with broad leaves along the transportation route in three years to prevent the effect of air pollution. After completion of tree plantation, number of trees shall be duly endorsed from District Forest Officer.	PPs Submission	The coal transportation route from Manuguru OCP to BTPS of TSGENCO (14.00 km) is covered with avenue plantation and necessary certification of number of trees planted has been obtained from District Forest Officer. Complied 30-11-2024 Attachment:NA

15	WATER QUALITY MONITORING AND PRESERVATION	XVI) PP shall propose to develop two water harvesting pond of 15 days storage capacity of washery operations and also PP shall develop water harvesting pond near the villages of suitable area as suggested by Gram Panchayat.	PPs Submission	There is no coal washery in the project. However, water harvesting ponds are being constructed at suitable places near the surrounding villages in consultation with gram panchayats. Being Complied 30-11-2024 Attachment:NA
16	WATER QUALITY MONITORING AND PRESERVATION	XVII) PP shall develop water harvesting pond near the villages of suitable area as suggested by Gram Panchayat.	PPs Submission	Water harvesting ponds are being constructed in near the surrounding villages in consultation with gram panchayats. Being Complied 30-11-2024 Attachment:NA
17	Human Health Environment	XVIII) Continuous monitoring of occupational safety and other health hazards, and the corrective actions need to be ensured.	PPs Submission	SCCL is providing free medical treatment to all the workmen and their family members in the 7 area hospital (with a total of 821 beds) and 21 dispensaries established in all the workings areas of the company. SCCL is also conducting regular health camps in villages located in the vicinity of project to study the health status of the people and is providing free treatment in SCCL hospitals. In addition, SCCL established eleven Initial Medical Examination (IME) /Periodical Medical Examination (PME) centers 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 Centers are equipped with necessary infrastructure for carrying out IME/PME and maintenance of data base. Every PME center is provided with the facility for chest radiographs as per ILO guidelines with a set of ILO standard chest radiographs on Pneumoconiosis, lung function tests with computerized Spirometers of RMS make, and facilities for Audiometry with pure tone Audiometry equipment. 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 gynecologists, pediatricians, surgeons and ortho surgeons are trained to read PME X-Rays in accordance with ILO classification of Pneumoconiosis. SCCL has 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

				<p>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. Being Complied 30-11-2024 Attachment:NA</p>	
18	WATER QUALITY MONITORING AND PRESERVATION	XIX) No untreated mine water shall be discharged in Godavari river and online monitoring of water quality shall be installed in consultation of SPCB and its data shall be shared with SPCB.	PPs Submission	<p>Mine water is not being discharged in to River Godavari. The excess mine water is being discharged in to nearby tank i.e. Timmareddy kunta, pedda cheruvu after necessary treatment. The quality of River Godavari on the up stream and down stream of the project is being monitored periodically and the data is being submitted to RO, MoEF CC and TSPCB along with half-yearly EC compliance reports. Online water quality monitoring procured and will be installed shortly. Being Complied 30-11-2024 Attachment:NA</p>	
19	Corporate Environmental Responsibility	XX) Persons of nearby villages shall be given training on livelihood and skill development	PPs Submission	<p>Livelihood and skill development training programmes are being imparted and provided employment to nearby</p>	

		to make them employable.		View Compliance	villages. Skill development centers are established in Mandamarri and RG1. To train the unemployed youth in different livelihood programmes. The details are enclosed in Annexure -IX Being Complied 30-11-2024 Attachment: Click to View		
20	Noise Monitoring & Prevention	XXI) 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 light/night hours.		PPs Submission	All necessary measures are being taken such as orienting the floodlights/masks away from the villagers and keeping the noise levels well within the prescribed limits for day light/night hours for not to disturb the biological clock of the villages. Noise levels are being monitored at regular intervals and data reveals that Noise level are within the permissible limits. The details of noise monitoring and illumination survey are enclosed in Annexure XIX and Annexure XX respectively. Being Complied 30-11-2024 Attachment: Click to View		
21	PUBLIC HEARING	XXII) PP shall pay to farmers of agricultural land if there is any loss		PPs Submission	So far, there is no incidence of damage to crops due to pollution from the mine.		

		due to pollution found by concerned District Commissioner as per extent rules or norms.	View Compliance	However, in the event of any damage brought out by District Commissioner, the same will be suitably compensated. Agreed to Comply 30-11-2024 Attachment:NA	
22	Statutory compliance	XXIII) Hon'ble Supreme Court in an Writ Petition(s) Civil No. 114/2014, Common Cause vs Union of India & Ors vide its judgment dated 8th January, 2020 has directed the Union of India to impose a condition in the mining lease and a similar condition in the environmental clearance and the mining plan to the effect that the mining lease holders shall, after ceasing mining operations, undertake re-grassing 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. Compliance of this condition after the mining activity is over at the cost of the	PPs Submission	Noted and obeyed. Agreed to Comply 30-11-2024 Attachment:NA	

		mining lease holder/Project Proponent". The implementation report of the above said condition shall be sent to the Regional Office of the MoEF&CC.		
23	GREENBELT	VI) Project proponent to plant 150,000 nos. of native trees with broad leaves along the transportation route in three years to prevent the effect of air pollution. After completion of tree plantation, number of trees shall be duly endorsed from District Forest Officer. PP shall conduct plantation with two tier all along the road route from Manuguru OCP to Bhadradri Thermal Power Station (BTPS) of TSGENCO, located at a distance of around 14 km within two years.	PPs Submission	The coal transportation route from Manuguru OCP to BTPS of TSGENCO (14.00 km) is covered with avenue plantation and certification of number of trees planted are being obtained from District Forest Officer. Complied 30-11-2024 Attachment:NA

General Conditions

Sr.No.	Condition Heading	Condition Details	Status of Compliance,Remarks / Reason and Supporting Documents	
1	Statutory compliance	I) The project proponent shall obtain forest clearance under the provisions of Forest (Conservation) Act, 1986, in case of the diversion of forest land for	PPs Submission	Out of 34.95 ha of FL land, diversion of 33.58 ha was obtained vide Lr. No. F.No.8-

		non-forest purpose involved in the project.		73/2005-FC dt.09.05.2016 valid up to 22.07.2035 and diversion of remaining 1.47 ha was obtained vide F.No.8-73/2005- FC dated 06.11.2009 valid up to 22.07.2035. No further forest land is required for the existing project and mining operations are being carried out within this forest land only. No further forest land is required for the existing project. Complied 30-11-2024 Attachment:NA
2	Statutory compliance	II) The project proponent shall obtain clearance from the National Board for Wildlife, if applicable.	PPs Submission	Kinnerasani wild life sanctuary ESZ is at a distance of about 5.67 km from the project boundary. Hence this condition is not applicable. Complied 30-11-2024 Attachment:NA
3	Statutory compliance	III) The project proponent shall prepare a Site-Specific Conservation Plan/Wildlife Management Plan and approved by the Chief Wildlife Warden. The recommendations of the approved Site-Specific Conservation Plan/Wildlife Management Plan shall be implemented in consultation with the State Forest Department. The implementation	PPs Submission	Yes, 5 nos of schedule-I species namely Indian Peafowl, Indian Monitor lizard, Four horned Antelope, Indian Gaur and Sloth Bear are present in the buffer zone of the project. A

		report shall be furnished along with the six-monthly compliance report (in case of the presence of schedule-I species in the study area).		Wild life conservation and Mitigative plan for schedule I species of Manuguru area approved by the PCCF CWW, Telangan with a budgetary provision of Rs. 1668.00 Lakhs and SCCL has deposited the amount to forest department towards implementation of conservation plan. . The details are enclosed in Aneexure-XXVI Being Complied 30-11-2024 Attachment: Click to View
4	Statutory compliance	IV) The project proponent shall obtain Consent to Establish/Operate under the provisions of Air (Prevention & Control of Pollution) Act, 1981 and the Water (Prevention & Control of Pollution) Act, 1974 from the concerned State pollution Control Board/Committee.	PPs Submission	Obtained Consent to Establishment vide order No.01/TSPCB/CFE/RO-KGM/HO/2020 dt.27.04.2022 and Consent to Operate for 2.1 MTPA capacity vide order No. 220523650142 dt.25.06.2022 under the provisions of Air (Prevention Control of Pollution) Act, 1981 and the Water (Prevention Control of Pollution) Act, 1974 from Telangana state pollution Control Board. Complied 30-11-2024 Attachment:NA

5	Statutory compliance	V) The project proponent shall obtain the necessary permission from the Central Ground Water Authority.	PPs Submission	Ground water clearance was obtained from state ground water department Vide Memo. No:258/T/SCCL/2018-1 Dt.18.05.2021, valid upto 17.05.2026. Complied 30-11-2024 Attachment:NA
6	Statutory compliance	VI) Solid/hazardous waste generated in the mines needs to the Solid Waste Management Rules, 2016/Hazardous & Other Waste Management Rules, 2016.	PPs Submission	Solid Waste Management Rules, 2016/ Hazardous Other Waste Management Rules, 2016 are being complied. Being Complied 30-11-2024 Attachment:NA
7	AIR QUALITY MONITORING AND PRESERVATION	I) Continuous ambient air quality monitoring stations as prescribed in the statue shall be established in the core zone as well as in the buffer zone for monitoring of pollutants, namely PM10, PM2.5, SO2 and NOx. Location of the stations shall be decided based on the meteorological sensitive targets in consultation with the State Pollution Control Board. Online ambient air quality monitoring stations may also be installed in addition to the regular monitoring stations as per the requirement and/or in consultation with the SPCB. Monitoring of heavy metals such as Hg, As, Ni, Cd, Cr, etc to be carried out at least once in six months.	PPs Submission	One online continuous ambient air quality monitoring station installed in core zone area of the mine beside mine survey office and connected to the TSPCB web site and being monitored continuously. Ambient air quality monitoring stations were established in the core zone as well as in the buffer zone for monitoring of pollutants, namely PM10, PM2.5, SO2 and NOx. Location

				of the stations was decided in consultation with the State Pollution Control Board by considering meteorological data, topographical features and environmentally and ecologically sensitive targets and monitoring work is being carried out by M/s EPTRI (recognized Lab by CPCB NABL accredited Lab) Monitoring of heavy metals such as Hg, As, Ni, Cd, Cr, etc are being carried out once in six months and the results will be submitted along with half yearly reports to the ministry and its regional office of MoEF CC. Complied 30-11-2024 Attachment:NA
8	AIR QUALITY MONITORING AND PRESERVATION	II) The Ambient Air Quality monitoring in the core zone shall be carried out to ensure the Coal Industry Standards notified vide GSR 742 (E) dated 25th September, 2000 and as amended from time to time to time by the Central Pollution Control Board. Data on ambient air quality and heavy metals such as Hg, As, Ni, Cd, Cr and other monitoring data shall be regularly reported to the Ministry/ Regional Office and to the CPCB/SPCB.	PPs Submission	Ambient Air Quality monitoring in the core zone is being carried out to ensure the Coal Industry Standards notified vide GSR 742 (E) dated 25th September, 2000 and as amended from time to time by the Central Pollution Control

				Board. Data on ambient air quality and heavy metals such as Hg, As, Ni, Cd, Cr and other monitoring data are being reported regularly to the Ministry/Regional Office and to the CPCB/SPCB as a part of HYMR. AAQMS data is enclosed as Annexure-X Heavy metals data is enclosed as Annexure-XI Complied 30-11-2024 Attachment: Click to View
9	AIR QUALITY MONITORING AND PRESERVATION	III) Transportation of coal, to the extent permitted by road, shall be carried out by covered trucks/conveyors. Effective control measures such as regular water/mist sprinkling/rain gun etc shall be carried out in critical areas prone to air pollution (with higher values of PM10/PM2.5) such as haul road, loading/unloading and transfer points. Fugitive dust emissions from all sources shall be controlled regularly. It shall be ensured that the Ambient Air Quality parameters conform to the norms prescribed by the Central/State Pollution Control Board.	PPs Submission	Transportation of coal on the road is being carried out by covering tarpaulin. In addition, regular water spraying and sweeping of coal transport roads are being carried out by mechanical sweeping equipment . Complied 30-11-2024 Attachment:NA
10	AIR QUALITY MONITORING AND PRESERVATION	IV) The transportation of coal shall be carried out as per the provisions and route envisaged in the approved mining plan or environment monitoring plan. Transportation of the coal through the existing road passing through any village shall be avoided. In case, it is	PPs Submission	The transportation of coal is being carried out as per the provisions and route envisaged in the approved mining plan. Coal is being transported

proposed to construct a 'bypass' road, it should be so constructed so that the impact of sound, dust and accidents could be appropriately mitigated.

to KCHP through Rajupeta Village and sufficient precautions are being taken to reduce the impact of sound, dust and accidents. The measures being taken are as follows. police Barricade Width of the Roads is increased and Black Tapped. Regular Water Spraying on Roads. Tarpaulin covered on Loaded Trucks. Speed Breakers and police Barricades are provided to Control the speed of vehicles and to avoid Incidents/Accidents. Road Safety Slogan Boards/ radium reflectors are displayed on both sides of the Road Road safety slogans board Regular Safety Talks and awareness programs are being conducted with villagers and Truck drivers regularly. Regular Safety Talks Side barricades were provided both sides of the roadway to avoid Incidents /Accidents. Mechanical Sweeping Machine is deployed cleaning coal dust. Being Complied 30-11-2024 Attachment:NA

11	AIR QUALITY MONITORING AND PRESERVATION	V) Vehicular emissions shall be kept under control and regularly monitored. All the vehicles engaged in mining and allied activities shall operate only after obtaining 'PUC' certificate from the authorized pollution testing centers.	PPs Submission	All contractual vehicles are being maintained as per the OEM schedules to control vehicular emissions within limits. For contractual vehicles engaged in mining and allied activities, PUC certificate are being obtained from the authorized pollution testing centers. For departmental HEMM, vehicular exhaust emissions are being monitored regularly by M/s EPTRI (recognized Lab by CPCB NABL accredited Lab). Vehicular emissions test carried out on 27.06.2024 to 28.06.2024, total 13 equipment tested out of this only one equipment failed. vehicular emissions are enclosed as Annexure-XII Being Complied 30-11-2024 Attachment: Click to View
12	AIR QUALITY MONITORING AND PRESERVATION	VI) Coal stock pile/crusher/feeder and breaker material transfer points shall invariably be provided with dust suppression system. Belt-conveyors shall invariably be provided with dust	PPs Submission	Coal stock pile/ crusher/ feeder and breaker material transfer points are

		<p>suppression system. Belt-conveyors shall be fully covered to avoid air borne dust. Side cladding all along the conveyor gantry should be made to avoid air borne dust. Drills shall be wet operated or fitted with dust extractors.</p>		<p>provided with Mist Spray dust suppression system. Belt-conveyors are provided with water sprinkling arrangement all along its length in addition to side cladding. All the drills are provided and maintained with wet drilling arrangement.</p> <p>Complied 30-11-2024 Attachment:NA</p>
13	AIR QUALITY MONITORING AND PRESERVATION	<p>VII) Coal handling plant shall be operated with effective control measures w.r.t. various environmental parameters. Environmental friendly sustainable technology should be implemented for mitigating such parameters.</p>	PPs Submission	<p>Coal handling plant is provided and being operated with effective control measures w.r.t. various environmental parameters which are as follows. 1. Effective water spraying at dumper unloading points at hopper. 2. Dust suppression at crushers by water spraying with nozzles. Mist type water guns(sprinklers) 3. Water sprinkling at all transfer and discharge points. 4. Two Nos of water guns provided on crushers at CHP. Unloading dumper, wetting 5.Loaded dumper wetting arrangement</p>

				provided before unloading to crusher hopper. Complied 30-11-2024 Attachment:NA	
14	WATER QUALITY MONITORING AND PRESERVATION	I) The effluent discharge (mine waste water, workshop effluent) shall be monitored in terms of the parameters notified under the Water Act, 1974 Coal Industry Standards vide GSR 742 (E) dated 25th September, 2000 and as amended from time to time by the Central Pollution Control Board.	PPs Submission	Being Complied. Industrial waste water properly collected at sumps in the mine. The accumulated water after settling of suspended solids in the sump is being pumped out and utilized for mine requirements like dust suppression, HEMM washing, plantation etc. Water utilized for HEMM washing and workshops is being sent to ETP provided with Oil Grease trap arrangement for treatment and the treated water is being reused for HEMM washing and plantation. The effluent discharge (mine waste water, workshop effluent) is being monitored at every fort night by EPTRI and results are within the limits of prescribed standards. Effluent reports are enclosed as Annexure-XIII The	

				<p>excess water is being treated in settling ponds for removal of suspended solids and pass through rock fill dams before let-off to nearby village tanks i.e. Pedda cheruvu and Godavari river. Water sample collecting from Godavari river Being Complied 30-11-2024 Attachment: Click to View</p>
15	WATER QUALITY MONITORING AND PRESERVATION	II) The monitoring data shall be uploaded on the company's website and displayed at the project site at a suitable location. The circular No. J-20012/1/2006-IA.11 (M) dated 27th May, 2009 issued by Ministry of Environment, Forest and Climate Change shall also be referred in this regard for its compliance.	PPs Submission	<p>The monitoring data is being uploaded on SCCL website and displayed near project man way office. Complied 30-11-2024 Attachment:NA</p>
16	WATER QUALITY MONITORING AND PRESERVATION	III) Regular monitoring of ground water level and quality shall be carried out in and around the mine lease area by establishing a network of existing wells and constructing new piezometers during the mining operations. The monitoring of ground water levels shall be carried out four times a year i.e. pre-monsoon, monsoon, post-monsoon and winter. The ground water quality shall be monitored once a year, and the data thus collected shall be sent regularly to MOEFCC/RO.	PPs Submission	<p>Regular monitoring of ground water level and quality is being carried out in and around the mine lease area by establishing a network of existing wells and Peizometers. Monitoring of ground water level is being carried out four times a year in pre-monsoon (May), monsoon (August), post-monsoon (November) and winter (January) seasons with Hydro geological department of SCCL. Monitoring of ground water quality samples is</p>

				being done by EPTRI (Govt agency, recognized Lab by CPCB DSIR) and analysis results of the same are being submitted every quarter to GW department and as a part of HYMR to MoEF, CPCB. Ltr.no:MNG/ENV/01/2024-25/137 Dt:08.10.2024 Peizometric well Ground water level Peziometric is enclosed as Annexure-XIV Ground water level pheriatric is enclosed as Annexure-XV Ground water quality is enclosed as Annexure-XVI Being Complied 30-11-2024 Attachment: Click to View
17	WATER QUALITY MONITORING AND PRESERVATION	IV) Monitoring of water quality upstream and downstream of water bodies shall be carried out once in six months and record of monitoring data shall be maintained and submitted to the Ministry of Environment, Forest and Climate Change/Regional Office.	PPs Submission	The main water body lying near to the project is Godavari river. Water quality monitoring of Godavari river upstream and downstream is being carried out once in six months and record of monitoring data are being maintained and submitted to the Ministry of Environment, Forest and Climate Change/Regional Office as a part of HYMR. Surface water quality is enclosed as Annexure-XVII Being Complied 30-11-2024

Attachment: [Click to View](#)

18	WATER QUALITY MONITORING AND PRESERVATION	V) Ground water, excluding mine water, shall not be used for mining operations. Rainwater harvesting shall be implemented for conservation and augmentation of ground water resources.	PPs Submission	Mine discharge water is being used for industrial purposes like HEMM washing, dust suppression etc., Godavari water is being used for drinking purposes. Moreover boreholes are drilled in dip side of workings for withdrawal of water from old working galleries of abandoned PK-2 Incline mines, which is also being used for industrial purpose. For conservation and augmentation of ground water resources, a summer storage tank is established near external OB dump (used for industrial usage) and rainwater harvesting pits (5Nos.) are constructed in the mine premises. Being Complied 30-11-2024 Attachment:NA
19	WATER QUALITY MONITORING AND PRESERVATION	VI) Catch and/or garland drains and siltation ponds in adequate numbers and appropriate size shall be constructed around the mine working, coal heaps & OB dumps to prevent run off of water and flow of sediments directly into the river and water	PPs Submission	Catch and Garland drains of about 14 km length with is provided in and around the Quarry including mine workings, external dumps, coal yard etc.

bodies. Further, dump material shall be properly consolidated /compacted and accumulation of water over dumps shall be avoided by providing adequate channels for flow of silt into the drains. The drains/ponds so constructed shall be regularly de-silted particularly before onset of monsoon and maintained properly. Sump capacity should provide adequate retention period to allow proper settling of silt material. The water so collected in the sump shall be utilized for dust suppression and green belt development and other industrial use. Dimension of the retaining wall constructed, if any, at the toe of the OB dumps within the mine to check run-off and siltation should be based on the rainfall data. The plantation of native species to be made between toe of the dump and adjacent field/habitation/water bodies.

and toe wall of 2 km length is constructed around the external dump yard. 7 no. of settling ponds are connected with the garland drains to prevent flow of sediments in run off before let-off to nearby water tank, from where the water is used for agriculture purpose by local farmers. Dump material is being properly consolidated / compacted by high capacity dozers (320Hp) and adequate channels are provided for flow of silt into the drains, to prevent accumulation of water over dumps. The drains/ponds so constructed are being de-silted before onset of monsoon and being maintained properly. Sump of adequate retention period is provided to allow proper settling of silt material and The water collected is used for Industrial purpose like dust Suppression, HEMM washing and Plantation etc. Plantation is being taken up with native-mixed species between toe of the dump and adjacent field/habitation/water bodies. Plantation was carried out with the following native species with a density of 2500 plants per hectare. Dendrocalamus strictus, Hardwickia

				binata, Ferronia limonea, Inga dulcii, Holoptelia integrifolia,Azadirachta indica, Acacia nilotica, Acacia planifrons, Acacia ferruginea, Delbergia sisoo, Ficus benghalensis, Emblica officinalis, Aegle marmolose, Peltoforum ferrugenium, Pongamia pinnata, Cassia seamea, Albezia procera, Styloxanthus hamata, Sesbania rostrata, Glyricidia maculate, Leucana leucocephala, Agave, Vettiveria, Saccharum munja. Being Complied 30-11-2024 Attachment:NA
20	WATER QUALITY MONITORING AND PRESERVATION	VII) Adequate groundwater recharge measures shall be taken up for augmentation of ground water. The project authorities shall meet water requirement of nearby village(s) after due treatment conforming to the specific requirement (standards).	PPs Submission	For conservation and augmentation of ground water resources, a summer storage tank is established near external OB dump (used for industrial usage) and 5 nos of rainwater harvesting pits constructed in core zone. 7 No. of settling ponds are constructed in the project area which are also serving the purpose of augmentation of ground water recharging There is no incidence of drying of wells in nearby villages.

				However, water will be supplied to the nearby villages if required. Further, as part of CSR, SCCL is supplying drinking water of about 8.67 lakh Gallons per day for Manuguru town. Settling Pond Being Complied 30-11-2024 Attachment:NA
21	WATER QUALITY MONITORING AND PRESERVATION	VIII) Industrial waste water generated from CHP, workshop and other waste water, shall be properly collected and treated so as to conform to the standards prescribed under the standards prescribed under Water Act 1974 and Environment (Protection) Act, 1986 and the Rules made there under, and as amended from time to time. Adequate ETP/STP needs to be provided.	PPs Submission	Industrial waste water generated from CHP, workshop and other waste water is being properly collected and treated in ETP having the capacity of 50 KLD and the treated water is being tested by EPTRI at every fortnight and the results within the standards prescribed under Water Act 1974 and Environment (Protection) Act, 1986 and the Rules made there under and as amended from time to time. Being Complied 30-11-2024 Attachment:NA

22	WATER QUALITY MONITORING AND PRESERVATION	IX) The water pumped out from the mine, after siltation, shall be utilized for industrial purpose viz. watering the mine area, roads, green belt development etc. The drains shall be regularly desilted particularly after monsoon and maintained properly.	PPs Submission	Industrial waste water properly collected at sumps in the mine. The accumulated water after settling of suspended solids in the sump is being pumped out and utilized for mine requirements like dust suppression, HEMM washing, plantation etc. The drains are being regularly desilted particularly after monsoon and maintained properly. Being Complied 30-11-2024 Attachment:NA
23	WATER QUALITY MONITORING AND PRESERVATION	X) The surface drainage plan including surface water conservation plan for the area of influence affected by the said mining operations, considering the presence of river/rivulet/pond/lake etc, shall be prepared and implemented by the project proponent. The surface drainage plan and/or any diversion of natural water courses shall be as per the approved Mining Plan/EIA/EMP report and with due approval of the concerned State/Gol Authority. The construction of embankment to prevent any danger against inrush of surface water into the mine should be as per the approved Mining Plan and as per the permission of DGMS or any other authority as prescribed by the law.	PPs Submission	The surface drainage plan including surface water conservation measures is prepared and is being implemented. The surface drainage plan so prepared is as per the approved Mining Plan and approved by MoC. A Protection bund of 5.7 km constructed as per the approved Mining Plan and as per the permission of DGMS, to prevent any danger

				against inrush of surface water and Godavari water into the mine. Being Complied 30-11-2024 Attachment:NA
24	WATER QUALITY MONITORING AND PRESERVATION	XI) The project proponent shall take all precautionary measures to ensure riverine/ riparian ecosystem in and around the coal mine up to a distance of 5km. A riverine/riparian ecosystem conservation and management plan should be prepared and implemented in consultation with the irrigation/water resource department in the state government.	PPs Submission	As a part of Riverine/Riprain ecosystem 5.7 KM length of flood protection bund were formed along the bank of river Godavari with 22.78 LCM of topsoil The dimensions of the bund are about bottom width 70m; top width 12m; height 15m. Total cost of the bund construction is around 14.87 crores. So far 1,15,500 numbers of saplings were planted on slope of the bund to develop riverine/riprain ecosystem. A riverine/riparian ecosystem conservation and management plan prepared and implemented. Complied 30-11-2024 Attachment:NA
25	Noise Monitoring & Prevention	I) Adequate measures shall be taken for control of noise levels as per Noise Pollution Rules, 2016 in the work environment. Workers engaged in blasting and drilling operations, operation of HEMM, etc shall be provided	PPs Submission	All precautions are being taken to control of noise levels as per Noise Pollution Rules, 2016 in the work

with personal protective equipments (PPE) like ear plugs/muffs in conformity with the prescribed norms and guidelines in this regard. Adequate awareness programme for users to be conducted. Progress in usage of such accessories to be monitored.

environment. All HEMM are provided with sound proof AC cabins. The persons likely to be exposed to operations like drilling blasting, HEMM operation etc, which produce high noise levels, are being provided with ear plugs. Adequate awareness programme for HEMM operators are being conducted by supervisors. The details of ear plugs dust masks issued are as follows. Year No. of Ear Plugs No of Masks 2017-18 35 61 2018-19 46 96 2019-20 32 141 2020-21 245 295 2021-22 390 650 2022-23 121 89 2023-24 150 160 2024-25 Upto sep-24 35 56 Being Complied 30-11-2024 Attachment:NA

26	Noise Monitoring & Prevention	II) Controlled blasting techniques shall be practiced in order to mitigate ground vibrations, fly rocks, noise and air blast etc., as per the guidelines prescribed by the DGMS.	PPs Submission	Controlled blasting techniques are being practiced in order to mitigate ground vibrations, fly rocks, noise and air blast etc., as per the guidelines prescribed by the DGMS.
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				Being Complied 30-11-2024 Attachment:NA
27	Noise Monitoring & Prevention	III) The noise level survey shall be carried out as per the prescribed guidelines to assess noise exposure of the workmen at vulnerable points in the mine premises, and report in this regard shall be submitted to the Ministry/RO on six-monthly basis.	PPs Submission	The noise level survey is being carried out monthly once to assess noise exposure of the workmen at vulnerable points in the mine premises, and report in this regard shall be submitted to the Ministry/RO as a part of HYMR. Details of Noise survey are enclosed in Annexure XVIII and Noise monitoring data enclosed as Annexure - XIX Being Complied 30-11-2024 Attachment: Click to View
28	MINING PLAN	I) Mining shall be carried out under strict adherence to provisions of the Mines Act 1952 and subordinate legislations made there-under as applicable.	PPs Submission	Mining operations are being carried out under strict adherence to provisions of the Mines Act 1952 and subordinate legislations made there-under as applicable. Being Complied 30-11-2024 Attachment:NA
29	MINING PLAN	II) Mining shall be carried out as per the approved mining plan (including Mine Closure Plan)	PPs Submission	MoC, GoI., approved Mining plan (including

		abiding by mining laws related to coal mining and the relevant circulars issued by Directorate General Mines Safety (DGMS).		Mine Closure Plan) vide File No. PCA-38011/12/2017-PCA, dated 22.04.2019. Mining operations are being carried out as per the approved mining plan (including Mine Closure Plan) abiding by mining laws related to coal mining and the relevant circulars issued by Directorate General Mines Safety (DGMS). Complied 30-11-2024 Attachment:NA
30	MINING PLAN	III) No Mining shall be carried out in forest land without obtaining Forestry Clearance as per Forest (Conservation) Act, 1980.	PPs Submission	The forest land involved in the project is about 34.95 ha and out of 34.95 ha of FL land, diversion of 33.58 ha was obtained vide Lr. No. F.No.8-73/2005-FC dt.09.05.2016 valid up to 22.07.2035 and diversion of remaining 1.47 ha was obtained vide F.No.8-73/2005-FC dated 06.11.2009 valid up to 22.07.2035. 34.95 ha of forest land involved in this project. No further forest land is required for the existing project

				and mining operations are being carried out within this forest land only. Complied 30-11-2024 Attachment:NA
31	MINING PLAN	IV) Efforts should be made to reduce energy and fuel consumption by conservation, efficiency improvements and use of renewable energy.	PPs Submission	Efforts are being made to reduce energy and fuel consumption by conservation, efficiency improvements and use of renewable energy. 30 MW solar power plant is constructed by SCCL near to project site in Manuguru. Being Complied 30-11-2024 Attachment:NA
32	LAND RECLAMATION	I) Digital Survey of entire lease hold area/core zone using Satellite Remote Sensing survey shall be carried out at least once in three years for monitoring land use pattern and report in 1:50,000 scale or as notified by Ministry of Environment, Forest and Climate Change(MOEFCC) from time to time shall be submitted to MOEFCC/Regional Office (RO).	PPs Submission	Digital processing of the entire lease area based on satellite imagery is being done regularly once in 3 years for monitoring land use pattern and post mining land use. Land use for core and buffer zone studies were carried out by Geosys Enterprise Solutions Private Ltd, Hyderabad during 2021 and the report is submitted to MOEF and its Regional Office at Hyderabad, vide Ir. No.

				MNG/ENV/05/2021-22/343(a) Dt 28.03.2021 The land use land cover report is enclosed as Annexure-XXIX Being Complied 30-11-2024 Attachment: Click to View
33	LAND RECLAMATION	II) The final mine void depth should preferably be as per the approved Mine Closure Plan, and in case it exceeds 40 m, adequate engineering interventions shall be provided for sustenance of aquatic life therein. The remaining area shall be backfilled and covered with thick and alive top soil. Post-mining land be rendered usable for agricultural/forestry purposes and shall be diverted. Further action will be treated as specified in the guidelines for Preparation of Mine Closure Plan issued by the Ministry of Coal dated 27th August, 2009 and subsequent amendments.	PPs Submission	The final mine void depth will be as per the approved mine closure plan which varies from 15m to 200m. This void will become a water reservoir in order to store rain water and run off from the surroundings to cater the water requirements of the local communities, besides augmenting recharge to the ground water regime. After closure of the mine adequate engineering interventions will be provided for sustenance of aquatic life in the void. Out of 208.92 ha of the quarry area about 49.96 ha will be back filled and covered with thick and alive top soil and plantation will be done and 158.96 ha will be left as void which will act as water reservoir

				and adequate engineering interventions will be provided for sustenance of aquatic life. Agreed to Comply 30-11-2024 Attachment:NA
34	LAND RECLAMATION	III) The entire excavated area, backfilling, external OB dumping (including top soil) and Afforestation plan shall be in conformity with the “during mining”/“post mining” land-use pattern, which is an integral part of the approved Mining Plan and the EIA/EMP submitted to this Ministry. Progressive compliance status vis-à-vis the post mining land use pattern shall be submitted to the MOEFCC/RO.	PPs Submission	The entire excavated area, backfilling, external OB dumping (including top soil) and afforestation plan are in conformity with the during mining/post mining land-use pattern, which is an integral part of the approved Mining Plan and the EIA/EMP submitted to this Ministry. Progressive compliance status vis-a-vis the post mining land use pattern is being submitted to the MOEFCC/RO as a part of HYMR. Being Complied 30-11-2024 Attachment:NA
35	LAND RECLAMATION	IV) Fly ash shall be used for external dump of overburden, backfilling or stowing of mine as per provisions contained in clause (i) ad (ii) of subparagraph (8) of fly ash notification issued vide SO 2804 (E) dated 3rd November, 2009 as amended from time to time. Efforts shall be made to utilize gypsum	PPs Submission	SCCL awarded the scientific study to CSIR- Central Institute of Mining and Fuel Research (CIMFR), Dhanbad stability of overburden dumps by mixing

generated from Flue Gas Desulfurization (FGD), if any, along with fly ash for external dump of overburden, backfilling of mines. Compliance report shall be submitted to Regional Office of MOEF&CC, CPCB and SPCB.

of fly ash. CSIR-CIMFR submitted its final report in November-2024. As per the report, it is not advisable and feasible to use 25 percentage of Ash and 75 percentage of Overburden in external as well as in internal dumps of MNG OCP both under present and post mining scenario as factor of safety is less the stipulated norms of 1.5. Based on the report findings, SCCL will request MoEF CC for exempting the EC condition regarding usage of fly ash in dumps and back filling operations in the running mines of SCCL. Agreed to Comply 30-11-2024 Attachment:NA

36	LAND RECLAMATION	V) Further, it may be ensured that as per the time schedule specified in mine closure plan it should remain live till the point of utilization. The topsoil shall temporarily be stored at earmarked site(s) only and shall not be kept unutilized. The top soil shall be used for land reclamation and plantation purposes. Active OB dumps shall be stabilized with native grass species to prevent erosion and surface run off. The other overburden dumps shall be vegetated with native flora species. The excavated area shall	PPs Submission	Reclamation is being carried out as per mine closure plan and topsoil will remain live till the point of utilization. The topsoil is being temporarily stored at earmarked site only and is being utilized for land reclamation and plantation purposes. Active OB dumps are
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		<p>be backfilled and afforested in line with the approved Mine Closure Plan. Monitoring and management of rehabilitated areas shall continue until the vegetation becomes self-sustaining. Compliance status shall be submitted to the Ministry of Environment, Forest and Climate Change/Regional Office.</p>	<p>being stabilized with native grass species to prevent erosion and surface run off. Presently OB dumping is being done at external dump and internal dumping. The flood protection bund of 5.7 km constructed along Godavari River also stabilized with native species to prevent erosion and surface run off. Backfilling of excavated area started, which will afforested after attaining its full height. Monitoring and management of rehabilitated areas will continue until the vegetation becomes self-sustaining. Compliance status is being submitted to the Ministry of Environment, Forest and Climate Change/Regional Office as a part of HYMR Being Complied 30-11-2024 Attachment:NA</p>
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37	LAND RECLAMATION	VI) The project proponent shall make necessary alternative arrangements, if grazing land is involved in core zone, in consultation with the State government to provide alternate areas for livestock grazing, if any. In this context, the project proponent shall implement the directions of Hon'ble Supreme Court with regard to acquiring grazing land.	PPs Submission	No grazing land involved in the project. Agreed to Comply 30-11-2024 Attachment:NA
38	GREENBELT	I) The project proponent shall take all precautionary measures during mining operation for conservation and protection of endangered/endemic flora/fauna, if any, spotted/reported in the study area. The Action plan in this regard, if any shall be prepared and implemented in consultation with the State Forest and Wildlife Department.	PPs Submission	No endangered/endemic flora/fauna reported in the study area. Being Complied 30-11-2024 Attachment:NA
39	GREENBELT	II) Greenbelt consisting of 3-tier plantation of width not less than 7.5 m shall be developed all along the mine lease area as soon as possible. The green belt comprising a mix of native species (endemic species should be given priority) shall be developed all along the major approach/ coal transportation roads.	PPs Submission	About 3 km 3-tier plantation of width not less than 7.5 m developed all along major approach/ coal transportation roads. As part of the development of green belt a dense plantation was carried out in 5.50 ha land by planting 40,000 saplings. Being Complied 30-11-2024 Attachment:NA
40	PUBLIC HEARING	I) Adequate illumination shall be ensured In all mine locations (as per DGMS standards) and monitored weekly. The report on the same shall be submitted to	PPs Submission	Adequate Illumination is being provided in all mine locations as per DGMS

		this ministry & it's RO on six-monthly basis.		standards and is being monitored weekly as per statue. The report on the same is being submitted to RO, MoEF CC on six-monthly basis as a part of HYMR. Details of illumination survey are enclosed in Annexure -XX Being Complied 30-11-2024 Attachment: Click to View
41	Human Health Environment	II) The project proponent shall undertake occupational health survey for initial and periodical medical examination of the personnel engaged in the project and maintain records accordingly as per the provisions of the Mines Rules, 1955 and DGMS circulars. Besides regular periodic health check-up, 20% of the personnel identified from workforce engaged in active mining operations shall be subjected to health check-up for occupational diseases and hearing impairment, if any, as amended time to time.	PPs Submission	SCCL is providing free medical treatment to all the workmen and their family members in the 7 area hospital (with a total of 821 beds) and 21 dispensaries established in all the workings areas of the company. SCCL is also conducting regular health camps in villages located in the vicinity of project to study the health status of the people and is providing free treatment in SCCL hospitals. In addition, SCCL established eleven Initial Medical Examination (IME) /Periodical Medical Examination (PME) centers 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 Centers are
equipped with
necessary
infrastructure for
carrying out
IME/PME and
maintenance of
data base. Every
PME center is
provided with the
facility for chest
radiographs as
per ILO guidelines
with a set of ILO
standard chest
radiographs on
Pneumoconiosis,
lung function
tests with
computerized
Spirometers of
RMS make, and
facilities for
Audiometry with
pure tone
Audiometry
equipment. 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 gynecologists, pediatricians, surgeons and ortho surgeons are trained to read PME X-Rays in accordance with ILO classification of Pneumoconiosis. SCCL has 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. Being Complied 30-11-2024 Attachment:NA
42	PUBLIC HEARING	III) Personnel (including outsourced employees) working in core zone shall wear protective respiratory devices and shall also be provided with adequate training and information on safety and health aspects.	PPs Submission	Persons being deployed in open atmosphere in mining operations are being provided with dust masks to wear and adequate training and information on safety and health aspects is being imparted. Dust masks are being provided to workmen exposed to dusty environment. Dust masks to the outsourced employees are being provided by respective OB contractual agencies. Adequate training is being imparted on safety and health aspects at the Mine Vocational Training Centre during initial/ refresher training programmes and being educated regularly during

				safety education, talks etc. by concerned in charges. Being Complied 30-11-2024 Attachment:NA
43	PUBLIC HEARING	IV) Implementation of the action plan on the issues raised during the public hearing shall be ensured. The project proponent shall undertake all the tasks/measures as per the action plan submitted with budgetary provisions during the public hearing Land oustees shall be compensated as per the norms laid down in the R&R policy of the company/State Government/Central Government, as applicable.	PPs Submission	Public hearing is exempted under 7(ii) of EIA notification, 2006 and no RR involved in the Expansion project. Public hearing was conducted on 28.07.2007 Public Hearing Minutes report is as enclosed as Annexure - XXI Being Complied 30-11-2024 Attachment: Click to View
44	PUBLIC HEARING	V) The project proponent shall follow the mitigation measures provided in this Ministry's OM No.Z-11013/5712014-IA.I1 (M) dated 29th October, 2014, titled 'Impact of mining habitations and villages are the part of mine lease areas or habitations and villages are surrounded by the mine lease area'.	PPs Submission	The mitigation measures provided in the OM No.Z-11013/5712014-IA.I1 (M) dated 29th October, 2014 are being followed. Being Complied 30-11-2024 Attachment:NA
45	Corporate Environmental Responsibility	I) The project proponent shall comply with the provisions contained in this Ministry's OM vide F.No.22-65/2017-IA.III dated 1st May 2018, as applicable regarding Corporate Environment Responsibility.	PPs Submission	As per, OM dated 01.05.2018 a fund provision of 3.11 Crores made for carrying out the development activities under CER throughout the life of the

mine. Accordingly the following works were carried out in 2019 to 2021 with an amount of Rs.2.26 Crores. Community hall with an amount of Rs.50.33 lakhs was constructed in Kotha Padmagudem. Construction of School building with an amount of Rs.41.00 Lakhs Kotha Padmagudem Hand pumps in Kotha Padmagudem with an amount of Rs.5.00 Lakhs Compound wall construction at bugga Village with an amount of Rs.13.00 lakhs. Laying of CC roads 41.5 Lakhs in Kotha Kommugudem. Construction of Community hall at Ramanujavaram with an amount of Rs.44.00 lakhs. De-silting of Kattu vagu with an amount of Rs.5.00 lakhs. Toils and dressing rooms and development of pushkar ghats on river Godavari khani with an amount of Rs.22.58 lakhs. As, per O.M dated 30.09.2020 and 20.10.2020, instead of allocation of funds

under CER, MoEF
CC advised
project proponet
to address the
concerns raised
during the public
hearing.
Accordingly, the
following issues
raised in the
public hearing
were addressed as
per the
commitments
made during
public hearing.
SCCL has
provided
employment for
79 members on
permanent basis
for MNG OCP
land losers. In
addition to the
above,
employment
provided to
around 3726
unemployed
youth and land
losers of
surrounding
villages in
different contract
works. i.e. in OB
removal work,
coal transport
works, drivers for
vehicles etc., in
Manuguru area.
Providing
8.67Lakh Gallons
per Day (LGD)
water to
Manuguru
municipality and
surrounding gram
panchayats. R R
amount of 62.81
Crores is already
paid to 1244 PDFs
/PAFs as per
GOMs.68 and new
R R villages are

				Eggagudem, Kommugudem, Padmagudem and Mallepalli villages. R R centers were established one at Kotha Padmagudem, Near Railway station, Manuguru and another at Kotha Kommugudem, Near Sivalayam, Manuguru. Under CSR, activities supply of drinking water to the surrounding villages, Road Infrastructure, Drainage Sanitation.etc., are being under taken in project surrounding villages and So far (From 2003 upto 30.09.2024)an amount of Rs.1761.37 Lakhs were spent in Manuguru Area. Being Complied 30-11-2024 Attachment:NA
46	Corporate Environmental Responsibility	II) The company shall have a well laid down environmental policy duly approve by the Board of Directors. The environmental policy should prescribe for standard operating procedures to have proper checks and balances and to bring into focus any infringements/deviation/violation of the environmental/forest/wildlife norms/conditions. The company shall have defined system of reporting infringements/deviation/violation	PPs Submission	A company level environment cell with The company is having a well laid downenvironmental policy duly approved by the Board of Directors. Copy enclosed as Annexure-XXIII. The environmental policy is containing standard operating procedures to have proper checks and balances and to bring into focus any

		of the environmental/forest/wildlife norms/conditions and/or shareholders/stakeholders.		infringements/deviation/ violation of the environmental/ forest/ wildlife norms/conditions. The company is having a defined system of reporting infringements/deviation/ violation of the environmental/ forest/ wildlife norms/ conditions and/or shareholders/stake holders. Environment policy is enclosed as Annexure-XXII Complied 30-11-2024 Attachment: Click to View
47	Corporate Environmental Responsibility	III) A separate Environmental Cell both at the project and company head quarter level, with qualified personnel shall be set up under the control of senior Executive, who will directly to the head of the organization.	PPs Submission	A company level environment cell with qualified personnel 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. Apart from this, a unit level

				Environmental Management Committee with multi disciplinary team has been constituted under the chairmanship of SO to GM, Project Officer, Project manager, Safety Officer, Project Engineer, Area forest Officer, Area Environmental Officer, Area Civil Engineer and Area Estate Officer,etc., EMC meeting minutes Enclosed as Annexure-XXIII Complied 30-11-2024 Attachment: Click to View	
48	Corporate Environmental Responsibility	IV) Action plan for implementing EMP and environmental conditions along with responsibility matrix of the company shall be prepared and shall be duly approved by competent authority. The year wise funds earmarked for environmental protection measures shall be kept in separate account and not to be diverted for any other purpose. Year wise progress of implementation of action plan shall be reported to the Ministry/Regional Office along with the Six Monthly Compliance Report.	PPs Submission	A separate capital fund provision is made for various Environmental Protection measures like Environmental monitoring, Pollution abatement, Green belt development, pollution monitoring facilities etc. The funds earmarked for environmental protection measures are not being diverted for any other purpose. For implementing EMP and environmental conditions, responsibilities are being assigned to the concerned unit	

				<p>level and area level officers after time-to-time review meetings. Till now about Rs.4.20 Crores was spent as environment capital expenditure and about Rs.42.34 Crores from 2016 to 2024 as environmental revenue expenditure. Details of expenditure for last year submitted along with Form-V vide Ltr: MNG/ENV/01/2024-25/72 Dt:10.07.2024 Form-V report enclosed as Annexure-XXIV Being Complied 30-11-2024 Attachment: Click to View</p>
49	Corporate Environmental Responsibility	V) Self environmental audit shall be conducted annually. Every three years third party environmental audit shall be carried out.	PPs Submission	<p>Environment audit cell is formed at area level and corporate and are auditing at regular intervals for monitoring EC conditions. Third party audit was carried out by ICFRE, Dehradun in September 2022 and audit report is enclosed as Annexure-XXV Audit report enclosed as Annexure-XXVIII Being Complied 30-11-2024 Attachment: Click to View</p>

50	MISCELLANEOUS	I) The project proponent shall make public the environmental clearance granted for their project along with the environmental conditions and safeguards at their cost by prominently advertising it at least in two local newspapers of the District or State, of which one shall be in the vernacular language within seven days and in addition this shall also be displayed in the project proponent's website permanently.	PPs Submission	Advertisement regarding grant of Environment Clearance was given on 31st March, 2019 in daily News paper of vernacular language in Namasthe Telangana Bhadradi kothagudem Edition and English daily News paper HansIndia Vijayawada edition. The Environmental Clearance letter is also displayed on companys website i.e. www. scclmines.com Complied 30-11-2024 Attachment:NA
51	MISCELLANEOUS	II) The copies of the environmental clearance shall be submitted by the project proponents to the Heads of local bodies, Panchayats and Municipal Bodies in addition to the relevant offices of the Government who in turn has to display the same for 30 days from the date of receipt.	PPs Submission	This condition was complied as per EC, New Delhi vide Ir.No.- MNG/ENV/6/2021-22/321 dt: 19.02.2022 The Environmental Clearance letter is also displayed the same in their offices for 30 days from the date of receipt. Complied 30-11-2024 Attachment:NA
52	MISCELLANEOUS	III) The project proponent shall upload the status of compliance of the stipulated environment clearance conditions, including	PPs Submission	The EC compliance and monitoring data is being

		results of monitored data on their website and update the same on half-yearly basis.		uploaded in the company website www.sclmines.com and updated the same on half yearly basis. Complied 30-11-2024 Attachment:NA
53	MISCELLANEOUS	IV) The project proponent shall monitor the criteria pollutants level namely; PM10,SO2,NOX (ambient levels) or critical sectoral parameters, indicated for the projects and display the same at a convenient location for disclosure to the public and put on the website of the company.	PPs Submission	The monitoring data of pollutants namely; PM10, SO2, NOX (ambient levels) or critical sectoral parameters are being uploaded in the company website www.sclmines.com and being displayed the same near the project office premises for disclosure to the public. Complied 30-11-2024 Attachment:NA
54	MISCELLANEOUS	V) The project proponent shall submit six-monthly reports on the status of the compliance of the stipulated environmental conditions on the website of the ministry of Environment, Forest and Climate Change at environment clearance portal.	PPs Submission	For the period of 1st Oct 2023 to 31st Mar 2024, project proponent has submitted six-monthly reports on the status of the compliance of the stipulated environmental conditions on the website of the ministry of Environment, Forest and Climate Change at environment clearance portal. Being Complied

				30-11-2024 Attachment:NA
55	MISCELLANEOUS	VI) The project proponent shall follow the mitigation measures provided in this Ministry's OM No.Z-11013/5712014-IA.I1 (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'.	PPs Submission	SCCL has been taking up the mitigation measures provided in this Ministrys OM No.Z-11013/5712014-IA.I1 (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. Being Complied 30-11-2024 Attachment:NA
56	MISCELLANEOUS	VII) The project proponent shall submit the environmental statement for each financial year in Form-V to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently and put on the website of the company.	PPs Submission	The environmental statement is being to submitted MoEF CC and TSPCB authorities in Form-V for every financial year under the environment (Protection) Rules,1986 as amended subsequently. The last Form-V report was sent vide letter No. MNG/ENV/01/2024-25/72 Dt:10.07.2024 The environmental

				statement for the previous financial year is being displayed on companys website. i.e. www.sclmines.com Being Complied 30-11-2024 Attachment:NA
57	MISCELLANEOUS	VIII) The project authorities shall inform to the Regional Office of the MOEFCC regarding commencement of mining operations.	PPs Submission	The condition was complied. A copy of EC was sent to RO, MoEF CC Chennai regarding commencement of operations vide letter No. MNG/ENV/6/2021-22/317 dt.19.2.2022. Complied 30-11-2024 Attachment:NA
58	MISCELLANEOUS	IX) The project authorities must strictly adhere to the stipulations made by the State Pollution Control Board and the State Government.	PPs Submission	Stipulations made by the State Pollution Control Board and the State Government are being adhered to. Being Complied 30-11-2024 Attachment:NA
59	MISCELLANEOUS	X) The project proponent shall abide by all the commitments and recommendations made in the EIA/EMP report, commitment made during Public Hearing and also that during their presentation to the Expert Appraisal Committee.	PPs Submission	PP informed that all the commitments and recommendations made in the EIA / EMP report and also during presentation to the EAC are being complied. Public hearing is exempted for the project under the provisions of

				O.M. No.11015/224/2015- IA.II (M),dated 15th September, 2017. Being Complied 30-11-2024 Attachment:NA
60	MISCELLANEOUS	XI) No further expansion or modifications in the plant shall be carried out without prior approval of the Ministry of Environment, Forests and Climate Change.	PPs Submission	Any further expansion or modifications in the plant will not be carried out without prior approval of the Ministry of Environment, Forests and Climate Change. Agreed to Comply 30-11-2024 Attachment:NA
61	MISCELLANEOUS	XII) 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.	PPs Submission	Noted. Factual data will not be concealed and false/fabricated data will not be submitted. Agreed to Comply 30-11-2024 Attachment:NA
62	MISCELLANEOUS	XIII) The Ministry may revoke or suspend the clearance, if implementation of any of the above conditions is not satisfactory.	PPs Submission	Noted. The conditions stipulated by the ministry will be implemented with true spirit. Agreed to Comply 30-11-2024 Attachment:NA
63	MISCELLANEOUS	XIV) The Ministry reserves the right to stipulate additional conditions if found necessary. The Company in a time bound	PPs Submission	Additional conditions if any, stipulated by the Ministry if found

		manner shall implement these conditions.		necessary, will be implemented by company in a time bound manner. Agreed to Comply 30-11-2024 Attachment:NA
64	MISCELLANEOUS	XV) The Regional Office of this Ministry 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.	PPs Submission	Noted. The project authorities will extend full co-operation to the officer(s) of the Regional office by furnishing the requisite data/information /monitoring reports. Agreed to Comply 30-11-2024 Attachment:NA

65	MISCELLANEOUS	XVI) The above conditions shall 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, Hazardous and Other Wastes (Management and Trans-boundary Movement) Rules, 2016 and the Public Liability Insurance Act, 1991 along with their amendments and Rules and any other orders passed by the Hon'ble Supreme Court of India/High Courts and any other Court of Law relating to the subject matter.	PPs Submission	CFE obtained vide Order No.01/TSPCB/CFE/RO-KGM/HO/2020, Dt:27.4.2022 and CFO obtained order No.220523650142 Dt 25.06.2022 valid for a period ending with the, Oct 31st 2026 PLI policy is also being taken every year. The latest PLI policy was taken from National Insurance Co. Ltd., bearing no. 550200492410000034, valid from 30/04/2024 to 29/04/2025., under Public Liability Insurance Act, 1991 which will be renewed periodically. Agreed to Comply 30-11-2024 Attachment:NA
66	MISCELLANEOUS	5) The proponent shall abide by all the commitments and recommendations made in the EIA/EMP report as well as during presentation to the EAC. All the commitments made on the issues raised during public hearing shall also be implemented by the EC in letter and spirit.	PPs Submission	Project proponent Will abide by all the commitments and recommendations made in the EIA/EMP report as well as during presentation to the EAC. All the commitments made on the issues raised during public hearing for earlier project were already complied. Being Complied 30-11-2024 Attachment:NA

67	MISCELLANEOUS	6) The proponent shall obtain all necessary clearances/approvals that may be required before the start of the project. The Ministry or any other competent authority may stipulate any authority may stipulate any further condition for environmental protection.	PPs Submission	All necessary clearances/approvals are obtained before the start of the project. Any further condition stipulated by the ministry for environmental protection will be implemented. Being Complied 30-11-2024 Attachment:NA
68	MISCELLANEOUS	7) Any appeal against this Environment Clearance (EC) shall lie with the National Green Tribunal, if preferred, within a period of 30 days of 30 days as prescribed under Section 16 of the National Green Tribunal Act, 2010.	PPs Submission	No appeal against this environmental clearance lie with the National Green Tribunal. Agreed to Comply 30-11-2024 Attachment:NA
69	MISCELLANEOUS	8) The coal company/project proponent shall be liable to pay the compensation against illegal mining, if any, and as raised by the respective State Governments at any point of time, in terms of the orders dated 2nd August, 2017 of Hon'ble Supreme Court in WP (Civil) No.114/2014 in the matter of 'Common Cause vs Union of India & others'.	PPs Submission	No illegal mining is done in this project. Agreed to Comply 30-11-2024 Attachment:NA
70	MISCELLANEOUS	9) The concerned State Government shall ensure no mining operations to commence till the entire compensation for illegal mining, if any, is paid by the project proponent through their respective Department of Mining & Geology, in strict compliance of the judgment of Hon'ble Supreme Court.	PPs Submission	Agreed to Comply Agreed to Comply 30-11-2024 Attachment:NA

71	MISCELLANEOUS	10) This Environment clearance (EC) shall not be operational till such time the project proponent complies with the above said judgment of Hon'ble Supreme Court, as applicable, and other statutory requirements.	PPs Submission	Agreed to Comply Agreed to Comply 30-11-2024 Attachment:NA
72	MISCELLANEOUS	11) All the conditions stipulated in Environment Clearance vide Ministry's letter No. J-F.No.11015/905/2007-IA-II(M) Pt. dated 24th October, 2008 and 6th December, 2019 should be complied.	PPs Submission	Agreed to Comply Agreed to Comply 30-11-2024 Attachment:NA

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25-11-2021

Additional Attachment (if any)

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Additional Remarks (if any)

- ☒ I 'G.VENKATESWARA REDDY' hereby give undertaking that the data and information given in the filed compliance and enclosures are true to be best of my knowledge and belief and I am aware that if any part of the data and information found to be false or misleading at any stage, the clearance given to the project will be revoked at our risk and cost. In addition to above, I hereby give undertaking that no activity such as change in project layout, construction, expansion, etc. has been taken up without due approval.

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