



**The Singareni Collieries Company Limited  
(A Government Company)  
Environment Department  
Adriyala Project Area**

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Ref.No.APA/ENV/03/2025/32

Date:29.05.2025.

**To  
THE DIRECTOR,  
MINISTRY OF ENVIRONMENT, FOREST AND CLIMATE CHANGE (MoEF&CC),  
INTEGRATED REGIONAL OFFICE,  
ARANYA BHAVAN, 3<sup>rd</sup> FLOOR, SAIFABAD,  
HYDERABAD-500018.**

Dear Sir,

Sub: - Half yearly Environmental Monitoring Report of Adriyala Shaft Underground Coal Mining Expansion Project for the period from October 2024 to March 2025 – Reg.

Ref. No:- J-11015/24/2004-IA.II(M), Dt.30.01.2015.

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With reference to the above subject, please find enclosed here with the Half Yearly Environmental Monitoring Report of Adriyala Shaft underground Coal Mining Expansion Project for the period from October 2024 to March 2025 for your kind perusal.

Thanking you,

Yours faithfully,

  
General Manager,  
Adriyala Project Area.

Enclosed: a/a with soft copy

Cc: PO, ALP  
M.F



**THE SINGARENI COLLIERIES COMPANY LIMITED**  
**(A GOVERNMENT COMPANY)**  
**ENVIRONMENT DEPARTMENT**  
**ADRIYALA PROJECT AREA**

## **HALF-YEARLY MONITORING REPORT**

**(In compliance with EIA notification 2006 under Environment (Protection) Act )**

**FOR**

**ADRIYALA SHAFT UNDER GROUND COAL MINING**  
**EXPANSION PROJECT**

**(ADRIYALA PROJECT AREA)**

**(For the period October 2024 to March 2025)**



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# **PART-I**

## **HALF YEARLY COMPLIANCE REPORT OF ADRIYALA SHAFT UNDER GROUND COAL MINING EXPANSION PROJECT ENVIRONMENTAL CLEARANCE CONDITIONS AS ON 31.03.2025**

### **A. SALIENT FEATURES OF THE PROJECT:**


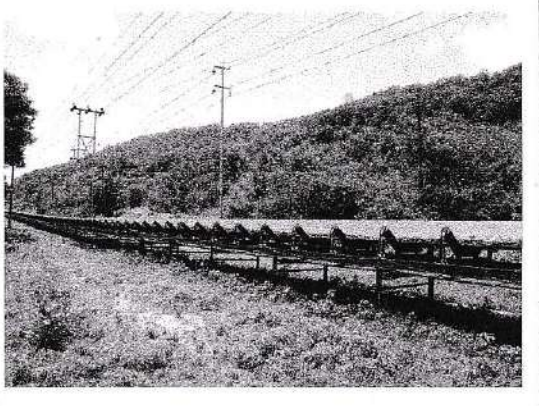
1	Name of the Project	: <b>ADRIYALA SHAFT UNDER GROUND COAL MINING EXPANSION PROJECT</b>
2	Organization	: Singareni Collieries Company Limited
3	Coalfield	: Godavari Valley Coal Field
4	Type of Mine	: Under Ground mine
5	Technology	: MECHANISED LONGWALL
6	Environmental Clearance	:
	A Letter No & date	: i)J-11015/24/2004-IA-II(M) DT.30 th January ,2015
	B Sanction capacity	: 3.14 MTPA
	C Mining Lease Area	: 964.12 Ha
	D Date of Public Hearing	: 20-11-2003
7	Location of the Project	:
	A Village	: Adriyala Village
	B Tehasil	: Manthani Mandal
	C District	: Peddapalli Dist.
	D State	: Telangana State 505212
	E Latitude	: N 18° 39' 03" to 18° 41' 34"
	F Longitude	: E-79° 34' 28" to 79° 35' 55"
	G Topo Sheet	: No.56N/10
	H Nearest railway station	: Ramagundam Railway Station
	I Nearest Airport	: Hyderabad
	J Nearest town	: Ramagundam
8	Address for Correspondence	:
	A Name	: Sri Praveen V Fating
	B Designation	: Project Officer.
	C Address	: Adriyala Shaft, Ramagiri (M), Peddapalli Dt.Telangana State.505212
	D Pin Code	: 505212
	F E-mail ID	: po_alp_rg3@scclmines.com
	Telephone No.	: 08728-201320
	G Mobile No.	: 9491144978
9	Life of the Project	:
	A Date of Opening	: April,2008
	B Total Life of the project as per EMP	: 42 yrs (from 2015-2016)
	C Balance Life	: 32 yrs
10	Seams	:
	A Total Seams Present	: 4 seams -1,2,3 (Top & Bottom), 4
	B Seams being worked	: 1,2 & 3 Seams
11	Depth:	:
	A Minimum Depth (m)	: 115M(1seam at pit mouth),319.7M(2seam), 210M (3seam at pit mouth), 406.2 (4 seam).
	B Maximum Depth (m)	: 740M(1seam),766M(2seam), 836M (3seam), 845M (4 seam).
	C Present working depth (m)	: 620M-1 Seam

12	Reserves		
	A	Total Geological Reserves	: 350.95 MT
	B	Total Extractable Reserves	: 122.33 MT
	C	Reserves already Extracted	: 13.483 MT
	D	Balance Reserves	: 108.847 MT
	E	Coal production during last six months	: 0.0997 MT
13	Land Requirement		
	A	Total Requirement (Mine Take Area)	964.12 Ha
	B	Forest land Involved	29.66 Ha
	C	Non-forest land	487.79 Ha
		Agricultural land	446.67 Ha
	D	Land acquired so far (Surface rights)	640.36 Ha
14	Statutory Clearances		
	A	Ground Water Clearance	Memo.No..231/Hq-I/NOC Mines/PDPL/2025, dt.07.04.2025 Valid up to 06.04.2027.
	B	Consent for Establishment	: Vide Lr.No. 77/TSPCB/CFE/RO-RGM/HO/2015/682, Dt.24.11.2015.
	C	Consent for Operation	: Consent Order No.220523683174,Dt.04.08.2022, Valid upto 31.03.2027.
	D	Forest Clearance	: Vide Lr.No.F.NO.8-109/2005-FC Dt.02-05-2008
	E	Mining Lease	: Pandulapalli Mining lease. Valid From 26.05.2022 to 18.07.2041. GOMS No.12,Dt:26.05.2022
	F	Others (Specify)	-
15	R & R Involved		: Not involved




**B. COMPLIANCE STATUS OF EC CONDITIONS OF ADRIYALA SHAFT  
UNDERGROUND COAL MINING EXPANSION PROJECT AS ON – 31.03.2025.  
Environment Clearance No. J-11015/24/2004-IA-II(M), Dt:30<sup>th</sup> January 2015.**


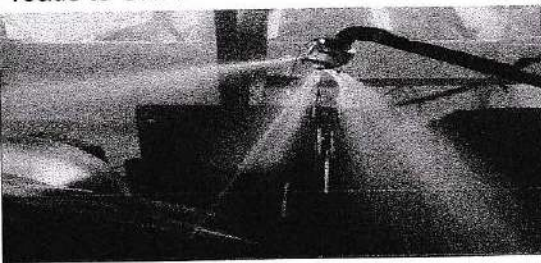
	Conditions	Compliance																																																				
	<b>A. Specific Conditions</b>																																																					
i	The maximum production from the mine at any given time shall not exceed the limit as prescribed in the EC.	Being Complied. It is being followed. Details of year wise production mentioned below <table><tr><th>S. No</th><th>Year</th><th colspan="2">Production in M.T.P.A</th></tr><tr><td></td><td></td><th>As per EC</th><th>Actual</th></tr><tr><td>1</td><td>2015-16</td><td>3.14</td><td>1.185</td></tr><tr><td>2</td><td>2016-17</td><td>3.14</td><td>1.201</td></tr><tr><td>3</td><td>2017-18</td><td>3.14</td><td>0.390</td></tr><tr><td>4</td><td>2018-19</td><td>3.14</td><td>1.733</td></tr><tr><td>5</td><td>2019-20</td><td>3.14</td><td>2.6018</td></tr><tr><td>6</td><td>2020-21</td><td>3.14</td><td>0.105</td></tr><tr><td>7</td><td>2021-22</td><td>3.14</td><td>1.15</td></tr><tr><td>8</td><td>2022-23</td><td>3.14</td><td>1.707</td></tr><tr><td>9</td><td>2023-24</td><td>3.14</td><td>1.470</td></tr><tr><td>10</td><td>2024-25 (from Oct to March-2025)</td><td>1.57</td><td>0.0997</td></tr><tr><td>11</td><td>2024-25</td><td>3.14</td><td>0.409</td></tr></table>	S. No	Year	Production in M.T.P.A				As per EC	Actual	1	2015-16	3.14	1.185	2	2016-17	3.14	1.201	3	2017-18	3.14	0.390	4	2018-19	3.14	1.733	5	2019-20	3.14	2.6018	6	2020-21	3.14	0.105	7	2021-22	3.14	1.15	8	2022-23	3.14	1.707	9	2023-24	3.14	1.470	10	2024-25 (from Oct to March-2025)	1.57	0.0997	11	2024-25	3.14	0.409
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ii	The validity of the EC is for the life of the Mine or as specified in the EIA Notification, 2006, whichever is earlier.	Agreed to comply. Life of the mine as per EMP is 42 years from 2015-16.																																																				
iii	All the safety measures shall be taken as per coal mining regulation Act, 2017 & related Circulars.	Being Complied. Being followed. All safety measures are being taken as per coal mines regulations and related circulars.																																																				
iv	The environmental clearance is subject to obtaining prior clearance from wildlife angle Including clearance from the standing Committee of the National Board for Wildlife as applicable.	Complied. The Standing Committee of NBWL recommended wild life mitigation measures for SIWARAM Wild Life Sanctuary vide letter no. 6-66/2021 WL, dated 07.02.2022.																																																				
V	Grant of environmental clearance does not necessarily implies that the wildlife clearance shall be granted to the project and that their proposals for wildlife clearance shall be considered by the respective authorities on their merits and decision taken.	Complied. The Standing Committee of NBWL recommended wild life mitigation measures for SIWARAM Wild Life Sanctuary vide letter no. 6-66/2021 WL, dated 07.02.2022.																																																				
vi	The investment made in the project, if any, based on environmental clearance so granted, in anticipation of the clearance from wildlife angel shall be entirely at the cost and risk of the project proponent and Ministry of Environment, Forests & Climate Change shall not be responsible in this regard in any manner.	Complied. The Standing Committee of NBWL recommended wild life mitigation measures for SIWARAM Wild Life Sanctuary vide letter no. 6-66/2021 WL, dated 07.02.2022.																																																				
vii	Coal transportation in pit by Belt Conveyors, Surface to siding by Belt Conveyor and loading to the wagon by silo.	Complied. Total produced Coal is being transported from mine to siding through belt conveyor only and loading in the wagons at RGOC-I silo.																																																				

		 
viii	The production shall be within the same Mining Lease area.	<p>Being Complied.</p> <p>Coal is being extracted from same mining lease area.</p>
ix	A separate team for subsidence monitoring and surface mitigation measures be constituted and continuous monitoring and mitigation measures be carried out.	<p>Being Complied.</p> <p>A separate team was constituted for subsidence monitoring and surface mitigation measures. Team continuously monitoring and taking mitigating measures whenever subsidence was observed.</p>
x	Regular monitoring of subsidence movement on the surface over and around the working area and impact on natural drainage pattern water bodies, vegetation, structure, roads, and surroundings shall be continued till movement ceases completely. In case of observation of any high rate of subsidence movement appropriate effective corrective measures shall be taken to avoid loss of life and material. Cracks shall be effectively plugged with ballast and clay soil/suitable material.	<p>Being Complied.</p> <p>Regular monitoring of subsidence movement on the surface is being conducted by the team, in case of any high rate of subsidence movement is found effective corrective measures will be taken to avoid loss of life and material, and also if any cracks are found the cracks will be filled with soil.</p>
xi	If subsidence is found exceeding the permitted limits, then the landowners shall be adequately compensated with mutual agreement of the landowners.	<p>Being Complied.</p> <p>Till now subsidence was not exceeded the permissible limits.</p>

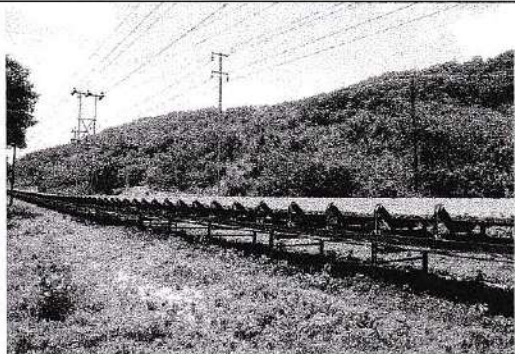
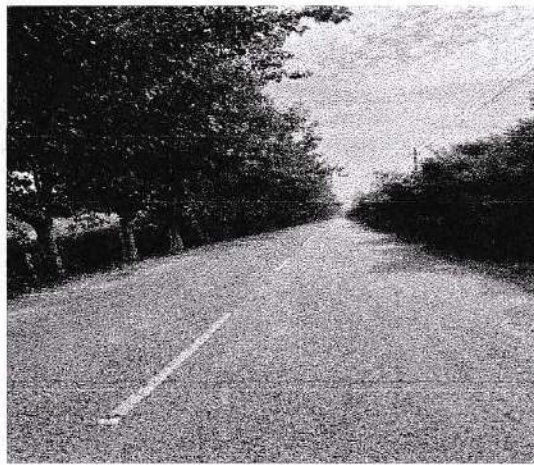


xii	Mining shall be carried out as per statuette at a safe distance from river/nallah following within adjacent to the lease boundary at the time of depillaring protective bunds and garland drains shall be provided so that no water from the surface enters the subsidence area and the shaft.	Being Complied. Safe distance is being maintained from Bokkalavagu nallah to mine lease boundary. Garland drains were constructed around the mine to prevent the inrush of water in to the mine and subsidence area Sump of adequate capacity was provided. 
xiii	Sufficient coal pillars shall be left un-extracted around the air shaft (within the subsidence influence area ) to protect from any damage from subsidence, if any	Being Complied. 7.5 m dia and 481 m deep air shaft was sunk by leaving the shaft pillar of radius 275m around the shaft as per the guidelines of DGMS and the shaft pillar will be left un extracted and maintained to protect from any damage due to subsidence.
xiv	Solid barriers shall be left below the roads falling within the blocks to avoid any damage to the roads.	Being Complied. Solid barriers will be left below the roads falling within the blocks to avoid any damage to the roads.
xv	Diversion of land shall be done with approval of the Competent Authorities.	Agreed to comply. Not applicable as land diversion is not required.
xvi	Coal Extraction shall be optimized in areas where agricultural production is continuing some pillars shall be left below the agricultural land. No depillaring & coal extraction should be carried out below habitation, H.T. Lines & beneath road water bodies, railway track.	Agreed to comply. Not applicable as coal extraction is not going under agricultural area, habitation, H.T. Lines, beneath road water bodies and railway track.
xvii	The mined out land should be used for agriculture purpose.	Agreed to comply. The mined out area will be used for agriculture after closing of the mine.
xviii	Safety measures and health issues need to be addressed for workers and surrounding villagers.	Being Complied. All the safety related measures are being implemented. with safety equipment. Safety measures and health issues are regularly addressing to worker and nearby villagers.
Xix	Proponent shall implement all the related safety measures with safety equipments.	Being Complied. The mine authorities have provided safety equipment for related safety measures.
Xx	The CSR cost should be Rs 5 per Tonnes of Coal produced which should be adjusted as per the annual inflation.	Being Complied CSR Activities are being taken up as per the board approval. CSR policy and the same is being implemented. The Expenditure on CSR activities is enclosed.



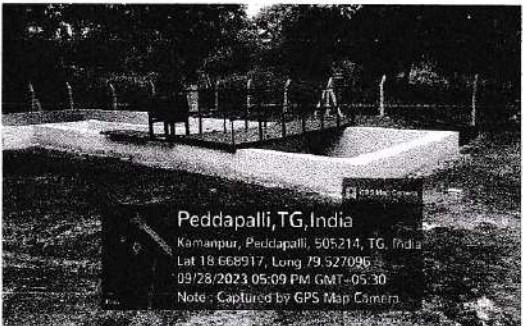


Xxi	At the time of establishing the CHP, it is proposed to establish mist spray arrangements and also enclosing the ground level bunkers up to the level of gantry.	<p>Being Complied.</p> <p>Already CHP was established and mist spraying arrangement is being done. Two movable mist spray systems were established to control the air borne dust at ground bunkers.</p> 
xxii	An afforestation plan to be prepared for Implementation after stabilization of subsidence.	<p>Being Complied.</p> <p>A forestation plan is being implemented after stabilization of subsidence area.</p>
xxiii	Water spraying arrangements at loading points and mist spray arrangements are to be provided.	<p>Being Complied.</p> <p>Water spraying arrangements and mist spray arrangement was provided at loading points, along the belt conveyor around the bunkers silo and approach roads to CHP.</p> 
Xxiv	No additional land manpower and equipment and water shall be used for the expansion project.	<p>Being Complied</p> <p>No additional man power, equipment and water is not using for this project.</p>
xxv	Mine closure activities include sealing of incline mouth dismantling of haulage system clearing and afforestation of coal stock area plantation on barren land and old abandoned mine.	<p>Being Complied</p> <p>Mine closure activities including sealing of incline mouth dismantling of haulage system clearing and afforestation of coal stock area plantation on barren land and old abandoned mine will be done after closing of the project.</p>
xxvi	3-tier plantation should be developed 2 km stretch of road from the mine using native species water sprinkling system shall be provided to check fugitive emissions from loading operations, conveyor system, haulage roads transfer points etc. Major approach roads shall be black topped and properly maintained.	<p>Being Complied</p> <p>3 tier plantations was developed 2kms stretch of road from the mine with using native species. Water spraying system was provided along the conveyors and black topped road.</p>




		 
xxvii	Garland drains (size, gradient and length ) around the safety areas such as mine shaft and low lying areas and sup capacity shall be designed keeping 50 percent safety margin over and above the peak sudden rainfall and maximum discharge in the area adjoining the mine sites. Sump capacity shall also provide adequate retention period to allow proper settling of silt material.	<p>Complied.</p> <p>Garland drains were arranged around mine area. Sump was arranged with proper capacity to accommodate 50% safety margin over and above peak sudden rain fall and to provide adequate retention period to allow proper settling of silt material.</p>
xxviii	Water sprinkling system shall be provided to check fugitive emissions from loading Operations, conveyor system, haulage roads transfer points etc. Major approach roads shall be black topped and properly maintained.	<p>Being Complied.</p> <p>Water sprinkling system is arranged along the belt, loading operations, haulage roads and transfer points. All approach roads are already black topped.</p>
Xxix	A progressive a forestation plan shall be prepared and implemented over the mine lease area acquired and shall include areas under green belt development areas along roads, infrastructure, along ML boundary and township etc., by planting native species in consultation with the local DFO/Agriculture Department.	<p>Being Complied.</p> <p>Plantation is being over the mine lease area acquired and shall include areas under green belt development areas along roads, infrastructure, along ML boundary and township etc., for the suppression of dust. The density of the trees is being maintained at 2500 plants per Ha. The plantation is taken up by Singareni Forestry Department of SCCL.</p>
Xxx	Regular monitoring of ground water level and quality shall be carried by establishing a network of existing wells and construction of new peizometers. The monitoring for quantity shall be done four times a year in pre-monsoon (May) monsoon (August), Post-monsoon (November) and winter (January) season and for quality in May. Data thus collected shall be submitted to the Ministry of Environment, Forests &	<p>Being Complied.</p> <p>Regular monitoring of ground water level (phreatic surface) is being carried with a net work of 11 observation wells around the project area with a frequency of four times in a year covering pre-monsoon (May), monsoon (Aug) post monsoon (November) And winter (January) The reports are being submitted to the MoEF&amp;CC Chennai, Telangana State</p>



	Pollution Control Board quarterly within one month of monitoring.	New Delhi. Monitoring was done up to Monsoon Season 2024 Letter Ref.No. RG-III/ENV/21/2024-25/127, Dt: 28.01.2025.
xxxi	Acid Water Treatment Plant volume of water to be treated and disposal of drain should be provided.	Being Complied. As per the analysis reports, it is observed that no symptoms of Acidic water in this mine.
xxxii	High root density tree species shall be selected and planted over areas likely to be affected by subsidence.	Being Complied. High root plants were Planted in the area likely to be effected by subsidence.
Xxxiii	Monitoring of drinking water should be carried out regularly.	Being Complied. Monitoring of drinking water is being carried out regularly.
xxxiv	Sewage treatment plant shall be installed in the township ETP shall also be provided for treating workshop and CHP effluents.	Complied. STP of 1.5 MLD was constructed in township/Centenary colony for treating sewage.    ETP was provided at CHP for treating effluents.  <p>Peddapalli, TG, India Kamanpur, Peddapalli, 505214, TG, India Lat 18.668917, Long 79.527096 09/28/2023 05:09 PM GMT+05:30 Note: Captured by GPS Map Camera</p>
Xxxv	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	Being Complied. The land use pattern and 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 is being done once in 3 years and reports are being submitted to



	report submitted to MOEF & CC and its Regional office at Bangalore.	MoEF&CC and its Regional Office, Chennai. The details of the land use study of core and buffer zone.
Xxxvi	If the water quality parameters such as F, pH heavy metals etc exceed the prescribed limits, suitable measures by the proponent be taken to ensure that the local communities are provided alternate source of water for their livelihood.	Being Complied. The water quality parameters such as F, pH heavy metals etc are in prescribed limits.
xxxvii	Medical camps should be organized in the area for regular check up for workers/ villagers/ population detailed prevalent disease pattern in the area should be documented and details of medical facilities provided for the same be made available to the MOEF&CC.	Being Complied. Medical camp was organized at Adriyala village for medical checkup of Villagers/ population. The reports are available in the Office of the Project Officer of this Project.
Xxxvi ii	Mine discharge water outside the ML shall be monitored, particularly for TDS and treated to conform to prescribed levels before discharge into the natural environment.	Being Complied. Mine discharge water is regularly monitored by the EPTRI, Hyderabad the reports are being submitted to MoEF& CC along with half yearly monitoring reports.
xxxix	The Company shall put up artificial Ground water recharge measures for augmentation of ground water resource, in case water table shows a declining trend. The Project authorities shall meet water requirement of nearby villages in case the village wells go dry due to dewatering of mine.	Being Complied. Ground water monitoring reports were obtained up to Winter season 2024. There is no significant decline in the ground Water table. However, if any decline is noticed, water will be supplied to nearby villages by the project authorities. One summer water storage tank is constructed in front of GM Office and water is being stored for ground water recharging. The details of the summer storage tank is Length=44m, Avg. Width=130m, Avg. depth=10m, Capacity=1.20 Million gallons. 
xl	Besides carrying regular periodical checkup of their workers 10% of the workers identified from workforce engaged in active mining operations shall be subjected to health check up for occupational diseases and hearing impairment, if any through an agency such as NIOH, Ahmedabad within a period of 1 year and the results reported to this Ministry & DGMS.	Being Complied. 69 work persons were identified for health check up during the period from October 2024 to March 2025 and sent for medical checkup.
xli	The mining in the existing mines should be phased out after expiry of the current mining lease and after reclamation of mined	Being Complied. Being followed.



	over area. The operating mines may be analyzed and monitored for compliance of conditions, bearing with movement of wildlife and until such time they are closed/phased out.	
xlii	Project specific CSR for an amount of Rs.5/tonne of coal production, as adjusted as per the annual inflation, should be provided for the CSR activities undertaken and the progress made thereon shall be uploaded annually on the company website. Monitoring of the impacts of activities under CSR shall be carried out periodically.	Being Complied. List of CSR activities in the surrounding villages.
xliii	A Final Mine Closure plan along with details of Corpus Fund shall be submitted to the Ministry of Environment, Forests and Climate Change 5 years in advance of final mine closure for approval.	Complied. The project will be amalgamated in the proposed Ramagundam Coal Mine for which Mining Plan and including Mine Closure Plan is approved by MoC, GoI vide.Lr.No.55026/1/2020-CPAM, dt.18.08.2020. The final Mine Closure Plan along with details of Corpus Fund will be submitted to the Ministry of Environment & Forests 5 years in advance of final mine closure for approval. Escrow Account No.37624468739.
xliv	The commitment made by the proponent to the issue raised during public hearing shall be implemented by the proponent.	Complied. 1) Villagers requested for providing water for drinking and agriculture if water table is depleted <b>Compliance:</b> As per pre monsoon and post monsoon study it is found that there is no water table is depleted. The excess water at about 2000 KLD from mine is being let out to the Bokkalavagu for the use of local farmers for agriculture only. 2) Bokkala vagu water is polluted <b>Compliance:</b> There is no pollution in the Bokkala vagu samples are regularly taken up by EPTRI Hyderabad. 3)public requested for employment to the local people <b>Compliance:</b> SCCL is giving training in military, police recruitment drive, Volvos training. SCCL given priority to the motor vehicles hired to the Company, civil works and plantation works. 4) Requested SCCL to provide funds Rs.1.5 crores for the development activities. <b>Compliance:</b> SCCL has no right to provide funds to the local panchayats development works. The works are being taken up by District Collector through CSR activities Public hearing points and compliance status.

xlvi	Corporate environment responsibility																																																			
	<p>a) The company shall have a well laid down Environment policy approved by the Board of Directors</p> <p>b) The Environment Policy shall prescribe for standard operating process/procedures to bring into focus any infringements/ deviation/ violation of the environment or forest norms/ conditions.</p> <p>c) The hierarchical system or Administrative order of the company to deal with environmental issues and for ensuring compliance with the environmental clearance conditions shall be furnished.</p> <p>d) To have proper checks and balances, the company shall have a well laid down system of reporting of non-compliances/violations of environmental norms to the Board of Directors of the company and/or shareholders or stakeholders at large.</p>	<p>Being Complied.</p> <p>Environmental policy already approved by the Board of Directors.</p>																																																		
B	General Conditions																																																			
i	No change in mining technology and scope and of working shall be made without prior approval of the Ministry of Environment, Forests, & Climate change	Agreed to Comply. There is no change in technology without permission from the Ministry of Environment Forests and Climate Change, GOI.																																																		
ii	No change in the calendar plan of production for quantum of mineral coal shall be made.	<p>Being Complied.</p> <p>Being followed.</p> <table><tr><th>S.No</th><th>Year</th><th colspan="2">Production in M.T.P.A</th></tr><tr><td></td><td></td><th>As per EC</th><th>Actual</th></tr><tr><td>1</td><td>2015-16</td><td>3.14</td><td>1.185</td></tr><tr><td>2</td><td>2016-17</td><td>3.14</td><td>1.201</td></tr><tr><td>3</td><td>2017-18</td><td>3.14</td><td>0.390</td></tr><tr><td>4</td><td>2018-19</td><td>3.14</td><td>1.733</td></tr><tr><td>5</td><td>2019-20</td><td>3.14</td><td>2.6018</td></tr><tr><td>6</td><td>2020-21</td><td>3.14</td><td>0.105</td></tr><tr><td>7</td><td>2021-22</td><td>3.14</td><td>1.15</td></tr><tr><td>8</td><td>2022-23</td><td>3.14</td><td>1.707</td></tr><tr><td>9</td><td>2023-24</td><td>3.14</td><td>1.470</td></tr><tr><td>10</td><td>2024-25</td><td>3.14</td><td>0.409</td></tr></table>			S.No	Year	Production in M.T.P.A				As per EC	Actual	1	2015-16	3.14	1.185	2	2016-17	3.14	1.201	3	2017-18	3.14	0.390	4	2018-19	3.14	1.733	5	2019-20	3.14	2.6018	6	2020-21	3.14	0.105	7	2021-22	3.14	1.15	8	2022-23	3.14	1.707	9	2023-24	3.14	1.470	10	2024-25	3.14	0.409
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iii	Four ambient air quality monitoring stations shall be established in the core zone as well as in the buffer zone for PM <sub>10</sub> , PM <sub>2.5</sub> , SO <sub>2</sub> and NO <sub>x</sub> monitoring. Location of the stations shall be decided based on the meteorological data topographical features and environmentally and ecologically sensitive targets in consultation with the State Pollution Control Board. Monitoring of heavy metals such as Hg, As, Ni, Cd, Cr, etc carried out at least once in six months.	<p>Complied.</p> <p>Four ambient air quality monitoring stations were established in core zone and as well as in buffer zone for PM<sub>10</sub>, PM<sub>2.5</sub>, SO<sub>2</sub>, NO<sub>x</sub> and CO monitoring in consultation With the TSPCB, RO, Ramagundam, Peddapalli Dist. The monitoring is being carried out regularly once in fortnight for the above parameters through external agency i.e. EPTRI, Hyderabad, which is having MOEF recognition and NABL accreditation. Monitoring of heavy metals once in six months by the above agency.</p>																																																		
iv	Data on ambient air quality (PM <sub>10</sub> , PM <sub>2.5</sub> , SO <sub>2</sub> and Nox) and heavy metals such as Hg, As, Ni, Cd, Cr, and other monitoring	<p>Being Complied.</p> <p>Data is being submitted regularly to the Ministry including its Regional Office,</p>																																																		



	Ministry including its concerned Regional Office and to the State Pollution Control Board, and the Central Pollution Control Board once in six months random verification of samples through analysis from independent laboratories recognized under the EPA rules 1986 shall be furnished as part of compliance report.	control Board and to the Central Pollution Control Board once in six months. Half yearly return submission Ref.No.APA/ENV/03/2024/97, Dt: 27.11.2024.
V	Adequate measures shall be taken for control of noise levels below 85 dB (A) in the work environment. Workers engaged in blasting and drilling operations, operations of HEMM operations etc shall be provided with ear plugs or muffs.	Being Complied. Noise control measures such as plantation around the fan house and evasee were provided to main mechanical ventilator. All the active work force engaged on drilling, blasting, operators of machinery and noise prone areas are being provided with ear plugs.
vi	Industrial waste water (workshop and waste water from the mine) shall be properly collected, treated so as to conform to the standards prescribed under GSR 422 (E) dated 19 <sup>th</sup> May 1993 and 31 <sup>st</sup> December 1993 or as amended from time to time before discharge. Oil and grease trap shall be installed before discharge workshop of effluents	Being Complied. Waste water collected from mine is treating by the industry before discharge to meet standards prescribed under GSR 422 (E) dated 19 <sup>th</sup> May 1993 and 31 <sup>st</sup> December 1993. There is no work shop to this mine.
vii	Vehicular emissions shall be kept under control and regularly monitored. Vehicles used for transporting the minerals shall be covered with tarpaulins and optimally loaded.	Being Complied. Coal transport from the mine to CHP is on the conveyor belt only ( There is no vehicular transportation of coal from mine to CHP).
viii	Monitoring of environmental quality parameters shall be carried out through establishment of adequate number and type of pollution monitoring and analysis equipment in consultation with the state pollution control Board and data got analyzed through a laboratory recognized under EPA rules 1986.	Being Complied. Environmental quality parameters are being monitored by Environment Protection Training and Research Institute, (EPTRI) Hyderabad
ix	Personnel working and dusty areas shall wear respiratory devices and they shall also be provided adequate training and information on safety and health accepts.	Being Complied. Respiratory devices are provided to the workers who are exposed to dust continuously and also given training and information on safety and health accepts to the workers.
x	Occupational health surveillance program of the workers shall be undertaken periodically to observe any contractions due to exposure to dust and to take corrective measures if needed and records maintained thereof. The quality of environment due to outsourcing and health and safety issues of the out sourced man power should be addressed by the company while outsourcing.	Being Complied. Periodical medical examinations are being conducted regularly and records of the same are being maintained. 69 work persons were identified for health check up during the period from October 2024 to March 2025 and sent for medical checkup.
xi	A separate environmental management cell with suitable qualified personnel shall be setup under the control of senior executive, who will report direct to the head of the company.	Being Complied. A separate environmental management committee was established, Project officer is the chairman and remaining 10 are the members of that mine.
xii	The funds earmarked for environmental protection measures shall be kept in separate account and shall not be diverted for other purposes year wise expenditure shall be reported to this ministry and its regional office.	Being Complied. Environmental expenditure is kept in a separate account and the expenditure details are submitted along with the Half yearly Monitoring Reports to Sub-Office, MoEF&CC, Hyderabad.



xiii	The project authorities shall advertise at least in two local news papers widely circulated around the project. One of which shall be in the vernacular 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 web site of the Ministry of Environment, Forests and Climate change at <a href="http://envfor.nic.in">http://envfor.nic.in</a> .	Complied.  Already published in news papers on 26.02.2015 one is in Hindu and one is in Eenadu telugu daily news paper.
xiv	A copy of the environmental clearance shall be marked to concerned panchayat /zilla parishad, municipal corporation or urban local body and local NGO, if any, from whom any suggestion/representation has been received while processing the proposal. A copy of the clearance letter shall be displayed on the company's web site.	Complied. The copy of EC was submitted to the local panchayat of Rachapalli, Akkapalli, Kannala, Ladnapur, Municipal commissioner of Ramagundam District Industries centre Karimnagar and MRO, Manthani, EE, TSPCB Ramagundam.
xv	A copy of the environmental clearance letter shall also be displayed on the web site of the concerned State pollution control Board the EC letter shall also be displayed at the Regional Office, District Industries Centre and Collectors office/Tahasildars office for 30 days.	Complied. A copy of the EC was displayed on the company web site and State Pollution Control Board, RO, Rgm, District Industries Centre Karimnagar, and Tahasildar office at Manthani
xvi	The clearance letter shall be uploaded on the company's web site. The compliance status of the stipulated environmental clearance conditions shall also be uploaded by the project authorities on their website and updated at least once every six months, so as to bring the same in the public domine. The monitoring data of environmental quality parameter (air, water, noise, and soil) and critical pollutants such as PM10, PM2.5, SO2 and NOx (ambient) and critical sector parameters shall also be displayed at the entrance of the project premises and mine office and in corporate office and on company's website.	Complied. The clearance letter was uploaded in the company website. The compliance status of the stipulated environmental clearance conditions are also being uploading in company website for every six months. The monitoring data of environmental quality parameter (air, water, noise, and soil) and critical pollutants such as PM10, PM2.5, SO2 and NOx (ambient) and critical sector parameters are being displayed at the entrance of the project.
xvii	The project proponent shall submit six monthly compliance reports on status of compliance of the stipulated environmental clearance conditions (both in hard and in e-mail) to the respective Regional office of the Ministry, respective Zonal Office of the CPCB and the SPCB.	Being Complied. Half yearly monitoring report is being submitting regularly to the MoEF&CC, Sub-Office, Hyderabad, Member Secretary, TSPCB, Hyderabad and EE RO, TSPCB, RGM. Half yearly return submission Ref.No.APA/ENV/03/2024/97, Dt: 27.11.2024.
xviii	The Regional Office of this ministry located in the Regional shall monitor compliance of the stipulated conditions,. The project authorities shall extend full cooperation to the Office (s) of the Regional Office by furnishing the requisite data/information monitoring reports.	Being Complied.  Being followed.
Xix	The Environmental statement for each financial year ending 31st March in form-v is mandated to be submitted by the project proponent for the concerned State Pollution Control Board as prescribed under the	Being Complied. Environmental statement is being submitting every year before 30th September every year. Ref.No. APA/ENV/37/2024/81,



	Environment (Protection) Rules, 1986 as amended subsequently, shall also be uploaded on the company's website along with the status of compliance of EC conditions and shall be sent to the respective Regional Offices of the MOEF & CC by E-mail.	Dt:25.09.2024.
Xx	The proponent shall abide by all the commitments and recommendations made in the EIA/EMP reports so also during their presentation to the EAC.	Being Complied. Being followed.
Xxi	The commitment made by the Proponent to the issue raised during public hearing shall be implemented by the proponent.	Complied. All steps are being taken issues raised by the public during the public hearing.
Xxii	The proponent is required to obtain all necessary clearance/approvals that may be required before the start of the project. The Ministry or any other competent authority may stipulate any further condition for environmental protection.	Complied. All the permissions are obtained from the concerned departments.
Xxiii	The Ministry or any other competent authority may stipulate any further conditions for environmental protection	Complied. Noted
Xxiv	The proponent may set up an Environment Audit cell with responsibilities and accountability to ensure implementation of all the EC conditions	Complied. The environment audit cell was formed and ensuring the implementations of EC conditions.
Xxv	Concealing factual data or submission of false/ fabricated data and failure to comply with any or the conditions mentioned above may result in withdrawal of this clearance and attract action under the provisions of environment (protection Act) 1986	Being Complied. All the data submitted was true.
Xxvi	As per MoEF & CC O.M.No.22-34/2018-IA.III Dated:16.01.2020 "The mining lease holders shall, after ceasing mining operations undertake regressing the mining area and other 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"	Agreed to Comply. At the end of mining operations, the mining areas and other areas were disturbed due to mining will be regress restored to the land to condition which is fit for grown of fodder, flora, fauna etc"

  
 PROJECT OFFICER,  
 ADRIYALA PROJECT AREA  
**PO/ALP,APA.**