

No. J-11015/28/2013-IA-II(M)  
Government of India  
Ministry of Environment, Forests & Climate Change  
IA-II (Coal mining) Division

Indira Paryavaran Bhawan,  
Jorbagh Road,  
New Delhi-110003

Dated: 6<sup>th</sup> February, 2015

To,

The Director (Planning & Project)  
**M/s Singareni Collieries Company Ltd.,**  
Kothagudem Collieries,  
Kothagudem,  
Andhra Pradesh

**Subject: Khairagura Opencast Expansion Coal Mining Project (from 3.0 MTPA to 3.75 MTPA in an ML area of 1217.50 ha; Latitude 19° 14' 10" to 19° 15' 20" (North) and Longitude 79° 16' 00" to 79° 18' 15" (East)) of M/s The Singareni Collieries Co. Ltd., Dist. Adilabad, Telangana- Expansion under 7(ii) of EIA Notification 2006- Environmental Clearance-reg.**

Sir:

This is with reference to letter no. CRP/ENV/A/493/43 dated 19.01.2013 and revised application reference to letter no. CRP/ENV/A/493/601 dated 28.08.2013 and subsequent letter no. dated 23.12.2013; 12.11.2014 and 16.12.2014 along with the application for expansion of the production under section 7(ii) of the EIA Notification, 2006. EC was granted to the project vide letter no J-11015/689/2007-IA-II(M) of dated 22.10.2007.

2. The Ministry of Environment, Forests & Climate Change has considered the application. It is noted that the proposal is for grant of Environmental Clearance for **Khairagura Opencast Expansion Coal Mining Project (from 3.0 MTPA to 3.75 MTPA in an ML area of 1217.50 ha; Latitude 19° 14' 10" to 19° 15' 20" (North) and Longitude 79° 16' 00" to 79° 18' 15" (East)) of M/s The Singareni Collieries co. Ltd., Dist. Adilabad, Telangana under 7(ii) of EIA Notification 2006.** The proposal was considered in 71<sup>st</sup> EAC meeting held during 8<sup>th</sup> - 9<sup>th</sup> April, 2013; 7<sup>th</sup> EAC meeting held during 12<sup>th</sup> - 13<sup>rd</sup> December, 2013 and 27<sup>th</sup> EAC meeting held on 18<sup>th</sup> - 19<sup>th</sup> December, 2014. The proponent has informed that:

- i. It is the expansion project of M/s SCCL to which Ministry accorded EC vide letter no.J-11015/36/2003-IA.II(M) dated 16.09.2004 for at a rated capacity of 0.72 MTPA in a lease area of 338.78 ha. and the proposal was again granted environmental clearance vide MOEF letter No. J-11015/689/2007-IA-II(M) dated 22.10.2007 for expansion in rated capacity from 0.72 MTPA to 2.5 MTPA with a peak production of 3 MTPA and increase in lease area from 338.78

ha to 1217.50 ha.

- ii. The proposal is for expansion in production from 3 MTPA to 3.75 MTPA with in the same mine lease area with 25 % expansion.
- iii. The latitude and longitude of the project are 19° 14' 10" to 19° 15' 20" (North) and 79° 16' 00" to 79° 18' 15" (East) respectively.
- iv. The land usage of the project:

**Pre-mining:** Total land area of the project is 1217.50 Ha out of which forest land is 296.86 ha and non-forest land is 920.64 ha.

**Post Mining:**

Sl. No	Description	LAND USE DETAILS (Ha.)				
		Plantation	Water body	Public Use	Other Uses	Total
1	Excavation Area					
2	(a) Backfilled area	261.93	--	--	--	261.93
3	(b) Void area left	--	280.98	--	--	280.98
4	External waste dump	388.57	---	---	---	388.57
5	Vattivagu Diversion		11.56			11.56
6	Approach road to Khairagura OCP			29.85		29.85
7	Road to Dorli OCP			12.82		12.82
8	Service Buildings & CHP	9.80				9.80
9	Protective bund around quarry	15.53				15.53
10	Protective bund around dump yard	16.93				16.93
11	Safety distance, bund, drains etc.	189.53				189.53
	<b>TOTAL</b>	<b>882.29</b>	<b>292.54</b>	<b>42.67</b>		<b>1217.5</b>

**Core area:**

S. No	Particulars	Forest Land	Non-forest Land	Total
1	Quarry, excavation area.	217.14	325.77	542.91
2	External OB dumps(including top soil storage)		388.57	388.57
3	Approach road to Khairagura OCP	29.85		29.85
4	Road to Dorli OCP	4.58	8.24	12.82
5	Vattivagu Diversion		11.56	11.56
6	Service Buildings & CHP	9.80		9.80
7	Protective bund around quarry	1.74	13.79	15.53
8	Protective bund around dump yard		16.93	16.93
9	Safety distance, bund, drains etc.	33.75	155.78	189.53
10	<b>Total Land Requirement</b>	<b>296.86</b>	<b>920.64</b>	<b>1217.50</b>

- v. The total geological reserve is 74.31 MT. The mineable reserve 66.87 MT, extractable reserve is 66.87MT. The per cent of extraction would be 90 %.
- vi. The coal grade is G-9/G-11. The stripping ratio is 9.86 Cum/ton (Average). The average Gradient is 1 in 6.5. There will be three composite seams with thickness ranging from 0.30 m to 8.00 m.
- vii. The total estimated water requirement is 2250 m3/day. The level of ground water ranges from 1.2 m to 15.4 m.
- viii. The Method of mining would be Opencast with Shovel – Dumper Combination.
- ix. There are three external OB Dumps covering an area 388.57 ha. With the height upto 120 m. The quantity will be 184.58 Mm3. There is one internal dumps covering an area 371.00 ha. with the height upto 90 agl. The quantity will be 395.91 Mm3. The final void area 292.54 ha with a depth of 222 m.
- x. The seasonal data for ambient air quality has been documented and all results at all stations are within prescribed limits.
- xi. The **life of mine** is 14 Years (From 1.4.2013).
- xii. **Transportation:** Coal transportation in pit Crusher to surface CHP through belt conveyor (1.5 Km length). Surface to Siding by trucks 14 Km and siding to loading by wagon.
- xiii. There is R & R involved. There are 538 PAFs for these production.
- xiv. **Cost:** Total capital cost of the project is Rs. 50.46 Crores. CSR Cost Rs. 5.00 per tonne. R&R Cost Rs 17.83 Crores. Environmental Management Cost (Additional environmental capital expenditure shall be Rs. 4.10 Lakhs, Revenue Expenditure shall be Rs. 18.72 per Tonne).
- xv. **Water body :** Vatti vagu (Diversion of Phase-I completed and Ph-II yet to be carried out)
- xvi. **Approvals:** Ground water clearance has been obtained on 02.07.2007. Revised Mine plan and mine closure plan approved by the MOC vide letter no. 13016/2/2006-CA-II dated 17<sup>th</sup> October, 2014.
- xvii. **Wildlife issues:** There are no national Parks, wildlife sanctuary, biosphere reserves found in the 10 km buffer zone.
- xviii. **Forestry issues:** Total forest area involved for mining is 296.86 ha. Forest Clearance details are below:

S. No.	Area in Ha	FC, vide letter no.& date
1	29.85	8-28/94-FC dated 20.09.2000
2	140.30	8-102/2000-FC dated 20.09.2003
3	126.71	8-28/94-FC dated 20.09.2011
<b>Total</b>	<b>296.86</b>	

- xix. Total **afforestation** plan shall be implemented covering an area of 882.29 ha at the end of mining. Green Belt over an area of 231.79 ha. Density of tree plantation 2500 trees/ ha of plants.
- xx. **Public hearing:** The Public Hearing was held on 09.03.2007.
- xxi. There are no **court cases**/violation pending with the project proponent.
- xxii. The proponent also mentioned that total 556 families were already displaced. 18 families were displaced as a part of Khairagura OC in of Rs 17.83 Crs has already paid under R&R package

2005 before R&R policy. Another 49 families who are near Vattivagu are also proposed for rehabilitation on their request. An amount of Rs. 365.21 Lakhs provided and R&R will be carried through State Government.

3. **EC Compliance report:** The Compliance Monitoring Report of the MoEF, Regional office, Bangalore vide letter no. EP/12.1/660 dated 06.08.2013 which was deliberated in the Committee which noted that the proponent has largely complied with the conditions of the earlier EC and other conditions are in the process of compliance which include the following:

- i. Crushers at the CHP be operated with system to check fugitive emissions; Drills should be wet operated; Controlled blasting should be practiced only during day time; Afforestation shall be done in a phased manner up to total area of 819.65 Ha; Progressive mine closure plan be implemented by reclaiming quarry area; Regular monitoring of ground water and quality shall be carried out; artificial ground water recharge measures; 10% of workmen should be subjected to occupational health checkup; Establishment of four ambient air quality monitoring stations; Control of fugitive dust emissions from all the sources; regular submission of data on ambient air quality; Adequate measures control noise levels
- ii. Proper collection and treatment of industrial waste water;
- iii. Regular monitoring and control of vehicular emissions; Provision of personal safety devices and occupational health surveillance

4. The proposal was considered and recommended in its 27<sup>th</sup> EAC meeting held on 18<sup>th</sup> - 19<sup>th</sup> December, 2014 for granting Environmental Clearance. The Ministry of Environment, Forests and Climate Change hereby accords environmental clearance for the above-mentioned **Khairagura Opencast Expansion Coal Mining Project (from 3.0 MTPA to 3.75 MTPA in an ML area of 1217.50 ha; Latitude 19° 14' 10" to 19° 15' 20" (North) and Longitude 79° 16' 00" to 79° 18' 15" (East)) of M/s The Singareni Collieries co. Ltd., Dist. Adilabad, Telangana under 7(ii) of EIA Notification 2006** under the provisions of the Environment Impact Assessment Notification, 2006 and subsequent amendments/circulars thereto subject to the compliance of the terms and conditions mentioned below:

**A. Specific Conditions:**

- i. The maximum production from the mine at any given time shall not exceed the limit as prescribed in the EC.
- ii. The validity of the EC is for the life of the Mine or as specified in the EIA Notification, 2006, whichever is earlier.
- iii. The Voids shall be filled upto the near ground level by the OB from the new Ullipetta Dorli mine. The coal transportation on road by mechanically covered trucks.
- iv. The coal loading at siding shall be by conveyer belt.
- v. The social audit report of the CSR be submitted to the MOEF for record and be uploaded on to the Company's website.
- vi. Instead of provision of bag filters, effective sensor operated water sprinkling system be provided for dust suppression at crusher house and transfer points at pit head coal handling arrangement.

- vii. The proponent shall utilize the final void for dumping of overburden generated from the proposed “Ullipetta Block” (Relay project) which is adjacent to the Khairagura OC project.
- viii. The final mine closure plan will be submitted to MOEF 5 year in advance of final mine closure for approval.
- ix. Coal transportation in pit Crusher to surface CHP through belt conveyor (1.5 Km length). Surface to Siding by trucks 14 Km and siding to loading by wagon.
- x. The production shall be within the same Mining Lease area.
- xi. The depth of the internal void shall be 40 m from the ground level and should be adequate for fishery purpose.
- xii. All safety measures shall be taken as per CMR, 1957 & related Circulars.
- xiii. The production shall be within the same Mining Lease area.
- xiv. The OB shall be completely re-handled at the end of the mining and will be back filled upto the ground level and covered with about a meter thick top soil and put to use. The land after mining shall be brought back for agriculture purpose.
- xv. Garland drains be provided.
- xvi. Appropriate embankment shall be provided along the side of the river/nallah flowing near or adjacent to the mine.
- xvii. The CSR cost should be Rs 5 per Tonnes of Coal produced which should be adjusted as per the annual inflation.
- xviii. Everybody in the core area should be provided with mask for protection against fugitive dust emissions.
- xix. Dust mask to be provided to everyone working in the mining area.
- xx. The supervisory staff should be held personally responsible for ensuring compulsory regarding wearing of dust mask in the core area.
- xxi. People working in the core area should be periodically tested for the lung diseases and the burden of cost on account of working in the coal mine area.
- xxii. The mining area should be surrounded by green belt having thick closed thick canopy of the tree cover.
- xxiii. The embankment constructed along the river boundary shall be of suitable dimensions and critical patches shall be strengthened by stone pitching on the river front side and stabilised with plantation so as to withstand the peak water flow and prevent mine inundation.
- xxiv. There shall be no overflow of OB into the river and into the agricultural fields and massive plantation of native species shall be taken up in the area between the river and the project.
- xxv. OB shall be stacked at four earmarked external OB dumpsite(s) only. The ultimate slope of the dump shall not exceed 28°. Monitoring and management of existing reclaimed dumpsites shall continue until the vegetation becomes self-sustaining. Compliance status shall be submitted to the Ministry of Environment, Forests & Climate Change and its concerned Regional office on yearly basis.
- xxvi. Catch drains and siltation ponds of appropriate size shall be constructed to arrest silt and sediment flows from soil, OB and mineral dumps. The water so collected shall be utilised for watering the mine area, roads, green belt development, etc. The drains shall be regularly desilted and maintained properly. Garland drains (size, gradient and length) and sump capacity shall be designed keeping 50% safety margin over and above the peak sudden rainfall and maximum discharge in the area



adjoining the mine site. Sump capacity shall also provide adequate retention period to allow proper settling of silt material.

- xxvii. Dimension of the retaining wall at the toe of the dumps and OB benches within the mine to check run-off and siltation shall be based on the rainfall data.
- xxviii. Crushers at the CHP of adequate capacity for the expansion project shall be operated with high efficiency bag filters, water sprinkling system shall be provided to check fugitive emissions from crushing operations, conveyor system, haulage roads, transfer points, etc.
- xxix. Drills shall be wet operated. Roads shall be metal topped and mechanical sweepers shall be regularly deployed to clear the dust off the main approach and mineral transportation roads. Water sprinkling (fixed and mist type, mobile) shall be regularly done along the main haul roads.
- xxx. The project authorities shall undertake regular repairing and tarring of roads used for mineral transportation. A 3-tier green belt comprising of a mix of native species shall be developed all along the major approach roads,
- xxxi. Controlled blasting shall be practiced with use of delay detonators and only during daytime. The mitigative measures for control of ground vibrations and to arrest the fly rocks and boulders shall be implemented.
- xxxii. A Progressive afforestation plan shall be implemented covering an area of 882.29 ha at the end of mining, which includes reclaimed External OB dump area (388.57 ha), Internal OB dump area (261.93 ha), and Green belt (231.79 ha) in township located outside the lease by planting native species in consultation with the local DFO/Agriculture Department. The density of the trees shall be around 2500 plants per ha. Massive plantation shall be carried out in open spaces in and around the mine and a 3-tier avenue plantation along the main approach roads to the mine.
- xxxiii. An estimated total 578.49 Mm<sup>3</sup> of OB will be generated during the entire life of the mine. Out of which 184.58 Mm<sup>3</sup> of OB will be dumped in three external OB Dumps in an earmarked area covering 331.75 ha of land. 393.91 Mm<sup>3</sup> of OB will be dumped in one internal OB Dumps in an earmarked area covering 280.98 ha of land. The maximum height of external OB dump will not exceed 90 m. The maximum slope of the dump shall not exceed 28 degrees. Monitoring and management of reclaimed dump sites shall continue till the vegetation becomes self- sustaining and compliance status shall be submitted to MOEF and its Regional Office on yearly basis.
- xxxiv. The proponent should prepare restoration and reclamation plan for the degraded area. The land be used in a productive and sustainable manner.
- xxxv. Compensatory Ecological & Restoration of waste land, other degraded land and OB dumps in lieu of breaking open the land be carried out.
- xxxvi. The mining should be phased out in sustainable manner. No extra over burden dumps are permitted.
- xxxvii. No groundwater shall be used for mining operations.
- xxxviii. Of the total quarry area of 542.91 h, the backfilled quarry area of 261.93 ha shall be reclaimed with plantation and a void of 280.98 ha at a depth of 40 m which is proposed to be converted into a water body shall be gently sloped and the upper benches shall be terraced and stabilised with plantation/afforestation by planting native plant species in consultation with the local DFO/Agriculture Department. The density of the trees shall be around 2500 plants per ha.
- xxxix. Regular monitoring of groundwater level and quality shall be carried out 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) seasons and for quality in May. Data thus collected shall be submitted to the Ministry of Environment, Forests & climate change and the Central Pollution Control Board quarterly within one month of monitoring.

- xl. The Company shall put up artificial groundwater recharge measures for augmentation of groundwater resource in case monitoring indicates a decline in water table. The project authorities shall meet water requirement of nearby village(s) in case the village wells go dry due to dewatering of mine.
- xli. Sewage treatment plant shall be installed in the existing colony. ETP shall also be provided for workshop and CHP wastewater.
- xlii. Besides carrying out regular periodic health check-up of their workers, 10% of the workers identified from workforce engaged in active mining operations shall be subjected to health check-up for occupational diseases and hearing impairment, if any, through an specialised agency /institution within the District/State and the results reported to this Ministry and to DGMS.
- xliii. Land oustees shall be compensated as per the norms laid out R&R Policy of CIL or the National R&R Policy or R&R Policy of the State Government whichever is higher.
- xliv. For monitoring land use pattern and for post mining land use, a time series of land use maps, based on satellite imagery (on a scale of 1: 5000) of the core zone and buffer zone, from the start of the project until end of mine life shall be prepared once in 3 years (for any one particular season which is consistent in the time series), and the report submitted to MOEF&CC and its concerned Regional office
- xliv. A detailed Final Mine Closure Plan along with details of Corpus Fund shall be submitted to the Ministry of Environment, Forests & Climate Change within 6 months of grant of Environmental Clearance.
- xlvi. The project authorities shall in consultation with the Panchayats of the local villages and administration identify socio-economic and welfare measures under CSR to be carried out over the balance life of the mine.
- xlvi. Corporate Environment Responsibility:
  - a) The Company shall have a well laid down Environment Policy approved by the Board of Directors.
  - b) The Environment Policy shall prescribe for standard operating process/procedures to bring into focus any infringements/deviation/violation of the environmental or forest norms/conditions.
  - 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.
  - 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.

#### **B. General Conditions**

- i. No change in mining technology and scope of working shall be made without prior approval of the Ministry of Environment, Forests & Climate Change.

- ii. No change in the calendar plan of production for quantum of mineral coal shall be made.
- 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.
- iv. Data on ambient air quality (PM<sub>10</sub>, PM<sub>2.5</sub>, SO<sub>2</sub> and NO<sub>x</sub>) and heavy metals such as Hg, As, Ni, Cd, Cr and other monitoring data shall be regularly submitted to the 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 recognised under the EPA rules, 1986 shall be furnished as part of compliance report.
- v. Adequate measures shall be taken for control of noise levels below 85 dBA in the work environment. Workers engaged in blasting and drilling operations, operation of HEMM, etc shall be provided with ear plugs/muffs.
- vi. Industrial wastewater (workshop and wastewater 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 of workshop effluents.
- vii. Vehicular emissions shall be kept under control and regularly monitored. Vehicles used for transporting the mineral shall be covered with tarpaulins and optimally loaded.
- 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 analysed through a laboratory recognised under EPA Rules, 1986.
- ix. Personnel working in dusty areas shall wear protective respiratory devices and they shall also be provided with adequate training and information on safety and health aspects.
- x. Occupational health surveillance programme 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 the health and safety issues of the outsourced manpower should be addressed by the company while outsourcing.
- xi. A separate environmental management cell with suitable qualified personnel shall be set up under the control of a Senior Executive, who will report directly to the Head of the company.
- xii. The funds earmarked for environmental protection measures shall be kept in separate account and shall not be diverted for other purpose. Year-wise expenditure shall be reported to this Ministry and its concerned Regional Office.
- xiii. The Project authorities shall advertise at least in two local newspapers 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 website of the Ministry of Environment, Forests & Climate Change at <http://envfor.nic.in>.
- xiv. A copy of the environmental clearance letter shall be marked to concern Panchayat/Zila 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 also be displayed on company's website.

- xv. A copy of the environmental clearance letter shall be shall also be displayed on the website of the concerned State Pollution Control Board. The EC letter shall also be displayed at the Regional Office, District Industry Sector and Collector's Office/Tehsildar's Office for 30 days.
- xvi. The clearance letter shall be uploaded on the company's website. 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 public domain. The monitoring data of environmental quality parameter (air, water, noise and soil) and critical pollutant such as PM<sub>10</sub>, PM<sub>2.5</sub>, SO<sub>2</sub> and NO<sub>x</sub> (ambient) and critical sectoral parameters shall also be displayed at the entrance of the project premises and mine office and in corporate office and on company's website.
- xvii. The project proponent shall submit six monthly compliance reports on status of compliance of the stipulated environmental clearance conditions (both in hard copy and in e-mail) to the respective Regional Office of the Ministry, respective Zonal Office s of CPCB and the SPCB.
- xviii. The Regional Office of this Ministry located in the Region 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.
- xix. The Environmental statement for each financial year ending 31 March in For –V is mandated to be submitted by the project proponent for the concerned State Pollution Control Board as prescribed under the 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.

5. The proponent shall abide by all the commitments and recommendations made in the EIA/EMP report so also during their presentation to the EAC.

6. The commitment made by the Proponent to the issue raised during Public Hearing shall be implemented by the Proponent

7. The proponent is required to 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 further condition for environmental protection.

8. The Ministry or any other competent authority may stipulate any further condition for environmental protection.

9. The Proponent shall setup an Environment Audit cell with responsibility and accountability to ensure implementation of all the EC Conditions.

10. Concealing factual data or submission of false/fabricated data and failure to comply with any of the conditions mentioned above may result in withdrawal of this clearance and attract action under the provisions of Environment (Protection) Act, 1986.

11. The above conditions will be enforced inter-alia, under the provisions of the Water (Prevention & Control of Pollution) Act, 1974, the Air (Prevention & Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986 and the Public Liability Insurance Act, 1991 along with their amendments and Rules 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. The proponent shall ensure to undertake and provide for the costs incurred for taking up remedial measures in case of soil contamination, contamination of groundwater and surface water, and occupational and other diseases due to the mining operations.

12. Any appeal against this environmental clearance shall lie with the National Green Tribunal, if preferred, within a period of 30 days as prescribed under Section 16 of the National Green Tribunal Act, 2010.

13. This EC supersedes the earlier EC vide letter no.J-11015/36/2003-IA.II(M) dated 16.09.2004 for at a rated capacity of 0.72 MTPA in a lease area of 338.78 ha. and environmental clearance vide MOEF letter No. J-11015/689/2007-IA-II(M) dated 22.10.2007 for expansion in rated capacity from 0.72 MTPA to 2.5 MTPA with a peak production of 3 MTPA and increase in lease area from 338.78 ha to 1217.50 ha.

  
(Dr. Manoranjan Hota)  
Director

**Copy to:**

1. Secretary, Ministry of Coal, Shastri Bhawan, New Delhi.
2. Secretary, Department of Environment, Forests & Climate Change, Government of Telangana, Secretariat, Hyderabad.
3. Chief Conservator of Forests, Regional office (SZ), Ministry of Environment, Forests & Climate Change, 4<sup>th</sup> Floor, F-Wing, Kenriya Sadan Block, Kormangala, Bangalore – 560034.
4. Member Secretary, Telangana State Pollution Control Board, Paryavaran Bhawan, A-3 Industrial Estate, Sanatnagar, Hyderabad – 500038.
5. Member Secretary, Central Pollution Control Board, CBD-cum-Office Complex, East Arjun Nagar, New Delhi -110032.
6. Member-Secretary, Central Ground Water Authority, Ministry of Water Resources, Curzon Road Barracks, A-2, W-3 Kasturba Gandhi Marg, New Delhi.
7. District Collector, Adilabad, Government of Telangana.
8. Monitoring File 9. Guard File 10. Record File 11. Notice Board.

  
(Dr. Manoranjan Hota)  
Director