

1. RP&NCRAP STATUS OF IK-1A INCLINE EC DATED 17.11.2022 ALL WORKS SHALL BE COMPLETED BY 16.11.2025.
(Bank Guarantee: 16.11.2027).


1. Remediation Plan Works-Status

S. No	Description	Locations	Total Qty.	Total Cost In Rs. Lakhs	Awarded Amount In Rs. Lakhs	Amount Spent In Rs.	Balance to be awarded In Rs.	Status as on October,2025
1.	Avenue plantation (Qty-3000)	Along the transportation route from mine to SH-1.	3000 nos	30.00	30.00	22,84,648	0	<ul style="list-style-type: none"> ➤ Plantation of 3000 plants is completed .(PO No:9000005535) ➤ Work awarded to Shanigaram Rajaiah. ➤ Bills will be settled after completion of maintenance for 3 years. (PO No:9000005729)
Total Remediation plan				30.00	30.00	22,84,648	0	

2. Natural Resource Augmentation Plan Works-Status

	Description	Locations	Total Qty.	Total Cost In Rs. Lakhs	Awarded Amount In Rs. Lakhs	Amount Spent In Rs.	Balance to be awarded In Rs. Lakhs	Status
2	Providing solar street lighting (60)	1. Indaram village. 2. Tekumatla village. 3. Along coal transport route from mine to SH-1.	60 nos	30.00	30.00	22,74,909	0	<ul style="list-style-type: none"> ➤ Work awarded to Raion Techno Products-PO Number: 7500053002, dated: 30.10.2023. <p>Solar street lights Installation is completed. For remaining amount tendering process is Completed work awarded to Varna Industires. Solar street lights Installation is under progress.</p>
Natural Resource Augmentation Plan				30.00	30.00	22,74,909	0	

3. Community Resource Augmentation Plan Works-Status:

	Description	Locations	Total Qty.	Total Cost In Rs. Lakhs	Awarded Amount In Rs. Lakhs	Amount Spent In Rs.	Balance to be awarded In Rs. Lakhs	Status
3a	Construction of community hall(2 No's)	1. Indaram village. 2. Tekumatla village.	2 nos	62.00	62.00	57,24,669	0	<ul style="list-style-type: none"> ➤ Construction of 2 No.s of community halls completed. For remaining amount tendering process is in progress. ➤ Tekumatla Community hall inaugurated on 31.01.2024 by Honble MLA.Sri.Dr.G.Vivek. ➤ Indaram Community Hall PO No:8700016875 ➤ Tekumatla Community Hall PO No:8700016891 
3b	Hand pumps with bore wells (15 No's)	1. Indaram village. 2. Tekumatla village.	15 nos	15.00	15.00	10.14	0	<p>15 no.s of Hand pumps with bore wells Work completed. For remaining amount tendering process is in progress. Bore wells– PO No:8700016906.</p> <p>Community hall fencing at Tekumatla village of work awarded to Shaik Tabroze. PO No:8700018356.</p>
	Community Resource Augmentation Plan			77.00	77.00	67,38,669	0	

SUMMARY OF IK-1A INCLINE

S.NO	DESCRIPTION	TOTAL BUDGETORY PROVISION IN LAKHS	AWARDED WORK AMOUNT IN LAKHS	Amount SPENT IN RS.	BALANCE AMOUNT TO BE AWARDED IN LAKHS
1	Remediation Plan	30.00	30.00	22,84,648	0
2	Natural Resource Augmentation Plan	30.00	30.00	22,74,909	0
3	Community Resource Augmentation plan	77.00	77.00	67,38,669	0
TOTAL		137.00	137.00	1,12,98,226	0

GOVERNMENT OF TELANGANA
GROUND WATER DEPARTMENT

From:

P.Srinivasa Babu M.Sc.(Tech).,
District Ground Water Officer (I/c)
Ground Water Department,
MANCHERIAL – 504 208.

To:

✓ The General Manager,
SCCL Sri Rampur Area
MANCHERIAL

Lr.No.236/SCCL/2022-1

Dated: 25.06.2022.

Sub:- Ground Water Department - Mancherial District – SCCL - Mining Projects
Ground water Clearance/NOC for Proposed Indraram Khani 1A Incline –
Srirampur Area in Mancherial District - Communication of Approved Report—
Regarding.

Ref:- 1. General Manager SCCL Srirampur Area 'Lr.No.SRP/ENV/Q-408/2021/10,
Date: 08.02.2022.
2. District Ground Water Officer, GWD, Mancherial, Lr.No:236/SCCL/2022,
Dt: 13.06.2022.
3. Director, GWD, Hyderabad, Memo No.2182/HglF2018-1, Date: 23.06.2022.
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I invite to the subject and references cited above, after scrutiny of the report, the permission is here by accorded by the Director Ground Water Department vide ref 3rd cited, subject to the other conditions laid down by ministry of Environment/MOWR for proposed **“Indaram Khani 1A Incline of Srirampur Area in Mancherial District”** subject to fulfillment of following conditions in due course in order to maintain safe ground water regime and also protect the rights and interests of local habitation and environment.

- The project proponent should ensure that water available from dewatering operations is properly treated and should be gainfully utilized to drinking water, supply for irrigation, dust suppression, mining process, recharge in downstream and for maintaining in e-flows in catchment area.
- Proponent shall use the advance dewatering technology fitted with digital flow meters to the existing dewatering structures to avoid the contamination of surface water.
- Establish formation wise/aquifer wise purpose built piezometers along with DWLRs installation in the periphery of mine area for study the confined aquifers, are recommended and ground water level monitoring shall be mandatory. Drilling of piezometer wells shall take up with the Rigs registered under TSWALTA and drilling details to submit in Form-I (E) to the undersigned.
- The department will extend technical guidance for construction of Piezometer with designs, if required.
- The project proponent shall monitor groundwater levels manually and regularly once in month by establishing observation wells in core and buffer zone area and data should be submitted to O/o District Ground Water Officer, Mancherial District.

- The mining authority shall also monitor the ground water quality from wells, mineseepage and discharge through NABL accredited/Govt. approved laboratories for pre and post monsoon seasons and must be furnished to O/o District Ground Water Officer, Mancherla District in every six months, with a Copy to the Director, Ground Water Department, Hyderabad.
- The effluents generated must not be let out into any surface or ground water bodies and must be recycled and reused.
- Precautions must be taken to prevent pollution of surface and ground water sources by pre treatment of mine water in Ion Chamber unit with water softener beds and mine seepage should be pumped out, through unlined channel, into nearby water bodies.
- All measures must be taken to see that water table in mining area should not be Lower than nearby Godavari River Surface water flows (from center of River bed).
- Suitable afforestation in the nearby area must be taken up.
- Precautions to be taken to prevent damage of stream flow direction during the mining.
- Proposed diversion of drainage channels should be unlined and change in irrigation area may be worked out from present to every year (mainly with additional mine water), if any.
- Artificial Recharge Structures like Check dams with recharge shafts, rock fill dams, Stone check dams, Gabion Structures on the smaller streamlets within 10.0 Kms distance should be constructed well before initiation of mining activity and importance should be given for augmentation of ground water conservation in contact zones and the SCCL is advised to consult District Ground Water Officer for technical advice and monitoring of harvesting structures.
- Recharge pits has to be constructed in the every house hold of Kankur and Kundaram villages where the deep groundwater levels are observed apart from the existing structures.
- Status and Completion report on Construction of all types of Artificial Recharge Structures are to be submitted to the undersigned well in advance to initiation of mining activity.
- Provisions should be made to maintain present use/supply of groundwater in and around the area and also its restoration use to any adverse effects as a result of mining in future.
- Drinking water should be supplied after purification only without using R.O System.
- Annual water budget must be carried out and data be furnished to the District Ground Water Officer, Ground Water Department, Mancherla District in every 3months.
- Ground water Department or CGWA officials have the right to inspect the mine at any time for carrying out ground water impact study.
- All the Mining projects shall be required to pay groundwater abstraction charges as per CGWA rules thereon, as and when enforced through TSWALTA by Govt. of Telangana.

- Digital flow meter should be installed wherever mine water is extracted in Mining area and data should be preserved and submitted to DGWO, along with water levels on monthly basis and the data should be consolidated in annual water budget calculation.
- Groundwater Modeling studies on likely impact should be carried out and the report should be submitted to the undersigned with copy to Director, GWD, Hyderabad.
- Mining Authorities should take up impact assessment Studies through SCCL Hydrogeology official's from time to time and submit the report to Director, GWD, Govt.of Telangana before approaching for renewal.
- **NOC is accorded for two years initially and proponent should approach to the authorities for renewal well in advance.**

Proposed project on "Indaram Khani 1A Incline of SCCL Srirampur Area Mancherial District" in authority has to adhere the above recommendations otherwise Groundwater Department, Government of Telangana reserves the right to take action as per rules in vogue without any prior notice.



Yours faithfully,


District Ground Water Officer
 District Ground Water Officer
 Ground Water Department
 Mancherial District



THE SINGARENI COLLIERIES COMPANY LIMITED

(A GOVERNMENT COMPANY)

Registered Office

Kothagudem Collieries (P.O) - 507 101, Bhadradri Kothagudem Dist, Telangana State

CIN: U10102TG1920SGC000571

Environment Dept., Srirampur Area

PO:Srirampur Colony-504 303, Dist. Mancherial, Telangana State

Phone No: 08736-239554

Fax No : 08736-238222.

e-mail:env_srp@scclmines.com

website:www.scclmines.com

Ref. No: SRP/ENV/Q-408/2024/56

Date:18.03.2024.

To

The District Ground Water Officer,

Ground water Department,

Room No.F-16, First Floor,

Integrated District Offices Complex (IDOC),

Mancherial - 504 208,

Mancherial District -T.S.

Sir,

Sub: Request to issue renewal certificate for Ground Water Clearance in respect of Indaram Khani-1A Incline of SCCL in Srirampur Area, Mancherial District -Reg.

Ref: 236/SCCL/2022-1,Dtd:25.06.2022.

With reference to the above, Ground Water Clearance certificate in respect of Indaram Khani-1A Incline was issued, vide cited reference letter.

The NOC accorded for 2 years for the same is set to expire on 24.06.2024. Hence, it is requested to provide estimates for field investigation charges for renewal of the Ground Water Clearance of Indaram Khani-1A Incline accordingly.

Yours faithfully,


General Manager,
The S.C.Co. Ltd.,
Srirampur Area.
General Manager
SRIRAMPUR

Cc to: GM (ENV), KGM
PO IKOCP&IK-1A Incline,
DGM (Geo), RG

1506
6/4/2022
**GOVERNMENT OF TELANGANA
FOREST DEPARTMENT**

Re. No.: 5694/2021/WL-1
Date: 01.04.2022

Office of Prl. Chief Conservator of Forests, Telangana
Amrany Bhavan, Saifabad, Hyderabad

*Sri. Swargam Srinivas, I.F.S.,
Prl. Chief Conservator of Forests (P&V) &
Chief Wildlife Warden (FAC)*

Sub: - TSFD - Wildlife - Obtaining Environmental Clearance for Srirampur group of mines and accordingly approval of CWLW for wildlife mitigation plan for schedule - I species in Mancherla forest division - Request for expansion of srirampur area projects. (srirampur oc-i, srirampur oc-ii exp., indaram oc & ik-1a incline (part of indaram mining lease), srirampur-1, srirampur-3&3a, ravindra khani-5, ravindra khani-6, ravindra khani-7, ravindra khani-nt, ravindra khani-8 and indaram khani-1a projects) SCCL for revision of SCCL for revision of wildlife mitigation plan - Revised wildlife mitigation measures plan for (10) years - Approved and communicated- Regarding.

Ref: - 1. CCF& FDPT, KTR Re. No. 3069/2021/D2, dt. 22.02.2022.
2. Prl. CCF&CWLW TS, Hyd Re. No.5694/2021/WL-1, dt. 12.07.2021&22.11.2021.

This is to inform that, the CCF& FDPT, KTR in the 1st reference, submitted his remarks on the wildlife mitigation plan prepared by EPTRJ, Hyderabad as called for in this office references 2nd cited for obtaining environment clearance for Srirampur Group of Mines being operated by SCCL falling in Mancherla District.

The FD, KTR also enclosed a revised Wildlife conservation and mitigation plan for the proposed expansion of the Srirampur area projects. (Srirampur OC-I, Srirampur OC-II exp., Indaram OC & IK-1A incline (part of indaram mining lease), Srirampur-1, Srirampur-3&3A, Ravindra Khani-5, Ravindra Khani-6, Ravindra khani-7, Ravindra khani-NT, Ravindra khani-8 and indaram khani-1A projects). The plan prepared by the FD, KTR with a proposed outlay of Rs.526.367 lakh is to be implemented over a period of (10) years from 2022-23 to 2030-31. The major components proposed are:-

Sl. No.	Component	Proposed allocation (Rs in lakh)
1	Strengthening of Wildlife Protection	100.311
2	Wildlife Habitat improvement	205.630
3	Monitoring of Wildlife and Research	102.960
4	Publicity, awareness and Education	14.400
5	Fire Protection and Management	16.00
6	Repairs and maintenance to Camp offices	10.00
7	Eco-Development activities	52.00
8	Administrative cost and unforeseen	25.065
	Total	526.367

The revised Wildlife conservation and mitigation plan for the proposed expansion of the Srirampur area projects by SCL (Srirampur OC-1, Srirampur OC-41 esp., Indaram OC & 1B-1A include part of indram mining lease), Srirampur-1, Srirampur-3&3A, Ravindra Khani-5, Ravindra Khani-6, Ravindra Khani-7, Ravindra Khani-NT, Ravindra Khani-8 and Indaram Khani-1A projects) for a period of 10 years with proposed outlay of Rs.526.367 lakh prepared by FDOT, KTR as shown is approved. A copy of the detailed plan is enclosed.

The CCFD, KTR is requested to raise demand with SCL for depositing the proposed mitigation amount of Rs.526.367 lakh in MUSEE account of Chief Wildlife Warden account, Telangana.

Incl: As above.

Sd/- Swargam Srinivas,
Pr. Chief Conservator of Forests (P&V) &
Chief Wildlife Warden (P&V)

To
The Chief Conservator of Forests / FDOT, KTR.

Copy to Pr. Chief Conservator of Forests (H&P) & P&V P&V, O/o PCCF(H&P) for information and necessary action.

Copy to the General Manager, Environment, SCL Limited, Blindachalam Road Rly. Station, Kothagudem - 507 101 for information and necessary action.

Copy to the Advisor, (Forestry), SCC Limited, Singareni Bhavan, Red Hills, P.B.No. 18, Kahratabad, Hyderabad - 500 004 for information and necessary action.

✓ Copy to District Forest Officer, Mancherial for information and necessary action.

// True Copy //

for Pr. Chief Conservator of Forests



The Singareni Collieries Company Limited
(Government Company)
Srirampur Area

Ref.No.SRP/ENV/Wildlife/2023/197

Date: 13.07.2023.

To,
The District Forest Officer,
Mancherial.

Sir,

Sub:- Wildlife Conservation & Mitigation Plan for Schedule-I species in Mancherial forest Division of Srirampur Area Mines (RK-5, RK-6, RK-7, RKNT, RK-8, SRP-1, SRP-3&3A, IK-1A, SRP.OC-I, OC-II Exp, Indaram OC projects) for 10 years - Depositing of funds of Rs.5,26,36,700/- Payment through RTGS on dt. 10.07.2023 - Reg.

Ref:- 1) 5694/2021/WL-1, dated: 01.04.2022, issued by The PCCF & CWW.
2) Lr.No.2698/2021/D5, dated: 22.04.2022, issued by DFO, MNCL.

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With reference to the subject cited, approval was accorded by The PCCF & CWW for the Wildlife Conservation & Mitigation Plan for Schedule-I species in Mancherial forest Division of Srirampur Area Mines (RK-5, RK-6, RK-7, RKNT, RK-8, SRP-1, SRP-3&3A, IK-1A, SRP.OC-I, OC-II Exp, Indaram OC projects) for 10 years with an amount of Rs. 5,26,36,700/- (Rupees Five Crore twenty six lakhs thirty six thousand and seven hundred only).

Vide reference (2), it was requested to deposit the required funds in the following Account No.

Sl. No.	Description/ Account No.	Account Name	Branch& IFSC code
1.	110310100030284	Forest Bio Diversity Conservation Society of Telangana	Union Bank of India (Secretariat Branch, HYDERABAD), IFS code. UBIN0811793

Accordingly, vide UTR. No. SBINR52023071059966092, Dated, 10.07.2023, an amount of Rs. 5,26,36,700/- (Rupees Five Crore Twenty six lakhs thirty six thousand and seven hundred only) was deposited thorough RTGS on dated:10.07.2023 towards payment of Wildlife Conservation & Mitigation Plan.

Kindly acknowledge receipt of the same and it is requested to take up the works as per the approved Wildlife Conservation & Mitigation Plan for Schedule-I species. The approved plan is enclosed for your kind reference.

Yours faithfully,

Encl: 1. UTR Receipt.
2. Wild life conservation and mitigation plan



Sreeni
General Manager
Srirampur Area
General Manager
SRIRAMPUR



TELANGANA STATE POLLUTION CONTROL BOARD
PARYAVARAN BHAVAN, A - 3, INDUSTRIAL ESTATE,
SANATHNAGAR, HYDERABAD - 500 018

Phone: 23887500
Fax: 040 - 23815631
Website: tspcb.egg.gov.in

**CONSENT ORDER (EXPANSION)
RED CATEGORY**

Consent Order No : 230524290048

04/08/2023

(Consent Order for Existing/New or altered discharge of sewage and/or trade effluents/outlet under Section 25/26 of the Water (Prevention & Control of Pollution) Act, 1974 and amendments thereof, Operation of the plant under section 21/22 of Air (Prevention & Control of Pollution) Act 1981 and amendments thereof.

CONSENT is hereby granted under section 25/26 of the Water (Prevention & Control of Pollution) Act, 1974, under section 21/22 of Air (Prevention & Control of Pollution) Act 1981 and amendments thereof, (hereinafter referred to as 'the Acts', 'the Rules' and the rules and orders made there under to M/s. Singareni Collieries Co. Ltd., Indaram Khani No. 1A, Incline Coal Mine, Indaram & Tekumatta Villages of Jaipur (M) of Sreerampur Area, Mancherla District (hereinafter referred to as 'the Applicant /Industry') and the mine is authorized to operate the industrial plant to discharge the Effluents from the outlets, as detailed below,

i) Out lets for discharge of Effluents :

Outlet No.	Outlet Description	Max Daily Discharge (KLD)	Point of Disposal
1	Excess mine discharge and waste water from workshops and washings	4468	Treatment in settling ponds. The supernatant shall be utilized for dust suppression, vehicle washings, plantations & domestic purpose. The rest of the supernatant shall be discharged into nearby irrigation tanks.
2	Domestic	65	Treatment in 3 MLD Sewage treatment plant at Naspur colony. The treated water shall be used for gardening.

This consent order is valid for Mining of Coal in Mine lease area of 182.78 Ha for the following capacity:

S. No.	Name of the Product	Capacity (After Expansion)
1	Coal (underground mining)	0.54 MTPA

This order is subject to the provisions of 'the Acts' and the Rules' and amendments made thereunder and further subject to the terms and conditions incorporated in the schedule A and B enclosed to this order.

File No.TSPCB-TECH/CFO/206/2023-TECHNICAL-TSPCB

This order of Consents is valid for a period upto 31.03.2028

KRISHNA ADITYA SRIRAMSETTI, MS(KAS), O/o MEMBER SECRETARY-TSPCB
MEMBER SECRETARY

To

M/s. Singareni Collieries Co. Ltd.,
Indaram Khani No. 1A, Incline Coal Mine,
Indaram & Tekumatla Villages of Jaipur (M),
of Sreerampur Area, Mancherial District.

M. Praveen
4/8/2023
SENIOR ENVIRONMENTAL ENGINEER
Telangana State Pollution Control Board,
Paryavaran Bhavan, A-3, Industrial Estate
Sanathnagar, Hyderabad-500 082

SCHEDULE - A

1. The applicant shall make applications through online for renewal of Consent (under Water & Air Acts) and Authorisation under HWM Rules at least 120 days before the date of expiry of this order, along with prescribed fee under Water and Air Acts for obtaining Consent & HW Authorisation of the Board. The applicant can also apply for Auto Renewal of the CFO atleast 30 days before the expiry of this order as per the procedure and eligibility stipulated in the Board Circular dt.19.11.2015 & 08.12.2015 (available in Board's Website: <http://tspcb.cgg.gov.in/Pages/Circulars.aspx>).
2. This order is issued in line with Board's CFE (expansion) order dt. 08.06.2023. Concealing the factual data or submission of false information/ fabricated data and failure to comply with any of the conditions mentioned in this order may result in withdrawal of this order and attract action under the provisions of relevant pollution control Acts. The mine shall comply with all other conditions of CFE (expansion) order dt. 08.06.2023 is still applicable.
3. Any person aggrieved by an order made by the State Board under Section 25, Section 26, Section 27 of Water Act, 1974 or Section 21 of Air Act, 1981 may within thirty days from the date on which the order is communicated to him, prefer an appeal as per Rules, to such authority (hereinafter referred to as the Appellate Authority) constituted under Section 28 of the Water (Prevention and Control of Pollution) Act, 1974 and Section 31 of the Air (Prevention and Control of Pollution) Act, 1981.
4. The mine may explore the possibility of tapping the solar energy for their energy requirements.
5. The Board reserves its right to modify above conditions or stipulate any further conditions and to take action including revoke of this order in the interest of protection of public health and environment.

SCHEDULE - B

1. Total Water Consumption shall not exceed 665 KLD

S. No	Purpose	Quantity (KLD)
1.	Dust suppression	80
2.	Water used for Stowing, Workshop, washing etc	440
3.	Domestic	65
4.	Green belt/Plantation	80
Total		665

2. The effluent discharged should not contain constituents in excess of the tolerance limits prescribed below.

Outlet No.	Parameter	Limiting Standards
1 & 2	pH	6.5 – 8.5
	Total Suspended Solids (TSS)	100 mg/l
	Oil & Grease	10 mg/l
	BOD (3 days at 27 ⁰ C)	100 mg/l
	Chemical Oxygen Demand (COD)	250 mg/l
	Total Dissolved Solids(TDS)	2100 mg/l

File No.TSPCB-TECH/CFO/206/2023-TECHNICAL-TSPCB

3. The mine should ensure segregation of Acid Mine Discharges (AMD) from abandoned mines, coal stocks, coal handling facilities, washeries & coal waste tips etc. and should adopt adequate treatment to achieve prescribed standards for the AMD as stipulated at S.No.2 prior to disposal. The plan of action for segregation of AMD, technology of the proposed treatment and mode of disposal should be submitted to Board.

File No.TSPCB-TECH/CFO/206/2023-TECHNICAL-TSPCB

4. The mine shall comply with ambient air quality standards of PM_{10} (Particulate Matter size less than $10\mu m$) - $100 \mu g/m^3$; $PM_{2.5}$ (Particulate Matter size less than $2.5 \mu m$) - $60 \mu g/m^3$; SO_2 - $80 \mu g/m^3$; NO_x - $80 \mu g/m^3$, outside the factory premises at the periphery of the industry.

Standards for other parameters as mentioned in the National Ambient Air Quality Standards CPCB Notification No.B-29016/20/90/PCI-I, dated 18.11.2009

Noise Levels: Day time - (6 AM to 10 PM) - 75 dB (A)
Night time - (10 PM to 6 AM) - 70 dB (A).

5. The existing CFO order dt. 15.09.2021 valid upto 30.06.2026 stands cancelled.
6. The mine has paid CFO fee of Rs.5,23,200/-, for a period upto 31.03.2025..
7. The industry shall pay balance consent fee annually as per rates notified in G.O.Ms.No.22. The payment of annual consent fee shall be made at the concerned RO for every financial year (i.e., April to March) within the stipulated time period i.e., 1st quarter of every financial year (April to June) is mandatory for the industry / project, failing which, the validity of the Consent Order automatically stands cancelled and operation industry / project without valid consent attracts penal action under the provision of Water Act, Air Act & Hazardous and Other Wastes (Management & Transboundary Movement) Rules, 2016.
8. The mine either paying annual fee or total fee for Consented period, shall pay the balance fee as per the revised rates as applicable from time to time.
9. The mine shall not produce beyond the permitted capacity as mentioned in this order, without obtaining prior CFE & CFO of the Board. The mining capacity of the coal also shall not be increased more than IBM approved capacity.
10. The industry shall provide water meters for recording water consumption for industrial and domestic purposes within one month as committed vide letter dt.16.08.2021 and also maintain daily records.
11. The industry shall maintain the sand filter properly for removal of suspended solids from mine discharge water.
12. The industry shall analyse the quality of excess mine discharge water being disposed outside and submit the reports to the RO, Nizamabad. The industry also shall adopt necessary treatment for excess mine discharged water, if required, to meet the discharge standards.
13. The industry shall explore the possibility for usage of ash instead of sand stowing operations.
14. The industry shall take effective measures such as covering coal transport vehicles with tarpaulins, water sprinkling, etc., to avoid fugitive emissions.
15. The industry shall maintain water mist sprayers at coal bunkers, at coal handling plant to control fugitive emissions.
16. The industry shall develop greenbelt along the haul roads and around the mine exhaust system to control air pollution.
17. The mine should undertake only wet drilling & should ensure maintenance of adequate measures to mitigate dust generation from drilling operations.
18. The mine should adopt eco-friendly mining practices. The maximum charges used for blasting should be limited to ensure vibrations created in the neighborhood area are within acceptable limits.
19. The mine should adopt blasting technique using shock tube and delay detonators. Dust collectors are to be provided for the drilling equipment. Mine should adopt fugitive dust control measure like water sprinkling near loading areas.
20. The mine should submit the detailed mine closure plan with a timeframe and pattern

File No.TSPCB-TECH/CFO/206/2023-TECHNICAL-TSPCB

- of reclamation in each period. The ultimate plan should show finished ground contours that will be reforested and the area that will be left open.
21. All waste material should be accommodated within the Mining Lease Area.
 22. The natural drainage of water should be maintained. Dump sites should not cross any streams, water flow from the Mining Lease Area, even during the monsoon, should be free of suspended matter and conform to prescribed water quality standards.
 23. Soil binding and nitrogen fixing plants should be planted in the Mining Lease Area. Biological reclamation should be done in two phases, the first phase should be plant appropriate quick growing grass and shrubs and the second phase should be slower growing native shrubs and trees.
 24. Check dams and filter beds should be constructed to protect from stream runoffs.
 25. The mine should undertake suitable artificial recharge measures in the project area for augmentation of ground water resources. Ground water table levels should be monitored every season. Any lowering of the ground water table in comparison to the previous season should be reported to the Board immediately. Discarded pits should be allowed to fill with water.
 26. The mine shall install continuous the Ambient Air Quality in the core zone as well as in the buffer zone for monitoring of RSPM, SPM, NOx and SO2. The location of ambient air quality stations shall be decided based on metrological data, topographical features and environmentally and ecologically sensitive targets and the frequency of monitoring shall be undertaken in consultation with Regional office of the Board.
 27. Vehicles should be well maintained and engine idling should be minimized. Vehicle cabs should be made dust-proof.
 28. The applicant should submit Environment statement in Form V before 30th September of every year as per Rule No.14 of E(P) Rules, 1986 & amendments thereof.
 29. All the rules & regulations notified by Ministry of Law and Justice, Government of India regarding Public Liability Insurance Act, 1991, should be followed.
 30. The conditions stipulated in this order are without any prejudice to rights and contentions of this Board in any Hon'ble court of Law.

KRISHNA
ADITYA SRIRAMSETTI,
MS(KAS), O/o MEMBER
SECRETARY-TSPCB
MEMBER SECRETARY

To
M/s. Singareni Collieries Co. Ltd.,
Indaram Khani No. 1A, Incline Coal Mine,
Indaram & Tekumatla Villages of Jaipur (M),
of Sreerampur Area, Mancherial District.

M. Praveen
4/8/2023
SENIOR ENVIRONMENTAL ENGINEER
Telangana State Pollution Control Board,
Paryavaran Bhavan, A-3, Industrial Estate
Sanathnagar, Hyderabad



TELANGANA STATE POLLUTION CONTROL BOARD
Paryavarana Bhavan, A-III, Industrial Estate, Sanathnagar,
Hyderabad-500 018
Phone : 040-23887500

CONSENT ORDER FOR ESTABLISHMENT (EXPANSION) – RED CATEGORY

Order No. 03/TSPCB/CFE/MCRL/RO-NZB/HO/2023

Dt:08.06.2023

Sub:	TSPCB – CFE – M/s Indaram Khani - 1A Incline by Singareni Collieries Company Limited Sy. 338 to 340, 354 359, 366, 374-503, 519-531, 537-551, 580, 581, Indaram (V), Jaipur (M) & Mancherla District – Application for CFE for Expansion - Consent for Establishment of the Board for expansion under Sec.25 of Water (Prevention & Control of Pollution) Act, 1974 and Under Sec.21 of Air (Prevention & Control of Pollution) Act, 1981 – Issued – Reg.
Ref:	1) CFO Expansion Order dt: 15.09.2021, 2) EC expansion dt: 17.11.2022, 3) Industry's CFE expansion application dt: 12.01.2023, 4) R.O's verification report dt: 04.05.2023, 5) CFE Committee meeting held on 11.04.2023, 6) RO mail dt: 26.05.2023.

- M/s Indaram Khani - 1A Incline by Singareni Collieries Company Limited Sy. 338 to 340, 354 359, 366, 374-503, 519-531, 537-551, 580, 581, Indaram (V), Jaipur (M) & Mancherla District Coal mine has obtained CFO vide order dated 15.09.2021 for coal production of 0.5 MTPA which is valid upto 30.06.2026.
- M/s. SCCL obtained EC order dt: 17.11.2022 for expansion of coal production from 0.5 MTPA to 0.54 MTPA with no increase in mine lease area i.e., total land area of the mine is 182.78 Ha. & life of mine is 5 years (from 2022-23).
- The industry, vide reference 3rd cited, submitted application to the Board seeking Consent for Establishment (CFE) for expansion for the following capacities as per EC expansion order, with a total project cost of Rs. 46.11 Crs. after expansion.

S.No	Products / Line of Activity	As per CFO order dt: 15.09.2021	Proposed	Total after expansion
1	Coal (Underground Mining)	0.5 MTPA	0.04 MTPA	0.54 MTPA

- As per the application, the proposed expansion is to be carried out at Srirampur Area, Indaram (V), Jaipur (M) & Mancherla District in an area of 182.78 Ha
- The above site was inspected by the Environmental Engineer & Asst. Environmental Engineer, Regional Office, Nizamabad, T.S. Pollution Control Board, on 11.04.2023, and observed that the site is surrounded by

North : Indaram village
South : Godavari River
East : Indaram village
West : Godavari River

- The Board, after careful scrutiny of the application and additional information submitted by the industry, verification reports of the Regional Officer, E.C. Expansion Order dated 17.11.2022 issued by MoEF&CC, Govt and after examining in the CFE Committee meeting held on 12.05.2023, hereby issues CONSENT FOR ESTABLISHMENT for expansion to your project under Section 25 of Water (Prevention & Control of Pollution) Act, 1974 and under Section 21 of Air (Prevention & Control of Pollution) Act, 1981 and the rules made there under. This order is issued to the products and capacities as mentioned at Para (3) only.

7. This Consent Order now issued is subject to the conditions mentioned in Schedule 'A' and Schedule 'B'.
8. This order is issued from pollution control point of view only. Zoning and other regulations are not considered.

Encl: Schedule 'A'
Schedule 'B'

Sd/-
MEMBER SECRETARY

To
M/s Indaram Khanl - 1A Incline
by Singareni Collieries Company Limited
Sy. 338 to 340, 354 359, 366, 374-503,
519-531, 537-551, 580, 581,
Indaram (V), Jaipur (M) & Mancherial District.

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JOINT CHIEF ENVIRONMENTAL ENGINEER

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SCHEDULE - A

1. This order is valid for a period of 5 years from the date of issue. Progress on implementation of the project shall be reported to the concerned Regional Office, T.S. Pollution Control Board once in six months. The consent of the Board shall be exhibited in the industry's premises at a conspicuous place for information of the inspecting officers.
2. The proponent shall obtain Consent for Operation (CFO) from TSPCB, as required Under Sec 25/26 of the Water (Prevention and Control of Pollution) Act, 1974 and under sec. 21/22 of the Air (Prevention and Control of Pollution) Act, 1981, before commencement of the activity.
3. The proponent shall ensure that there shall not be any change in the process technology and scope of working without prior approval from the Board.
4. The industry is liable to pay compensation for any environmental damage caused by it, as fixed by the Hon'ble Courts, Collector and District Magistrate as Civil liability.
5. The rules and regulations notified under Environmental Acts by the MOEF&CC and by the Ministry of Law and Justice, GOI. regarding the Public Liability Insurance Act, 1991 shall be followed.
6. Concealing the factual data or submission of false information / fabricated data and failure to comply with any of the conditions mentioned in this order may result in withdrawal of this order and attract action under the provisions of relevant pollution control Acts.
7. Notwithstanding anything contained in this consent order, the Board hereby reserves the right and powers under Section 27(2) of the Water (Prevention & Control of Pollution) Act, 1974 and under Section 21 of the Air (Prevention & Control of Pollution) Act, 1981 and amendments thereof. to review any and/or all the conditions imposed herein, to modify conditions or stipulate any further conditions and to take action including revocation of this order in the interest of public health and environment.
8. Any person aggrieved by an order made by the State Board under Section 25, Section 26, Section 27 of Water Act, 1974 or Section 21 of Air Act, 1981 may within thirty days from the date on which the order is communicated to him, prefer an appeal as per the State Water Rules, 1976 and Air Rules, 1982, to such authority (hereinafter referred to as the Appellate Authority) constituted under Section 28 of Water (Prevention and Control of Pollution) Act, 1974 and Section 31 of the Air (Prevention and Control of Pollution) Act, 1981.

SCHEDULE - B

Water:

1. The source of water is Mine discharge water. The industry shall comply with the following after expansion:

S.N	Purpose	Quantity in KLD
1.	Dust suppression	80
2.	Water used for stowing, workshop, washing etc	440
3.	Domestic	65
4.	Green belt / Plantation	80
Total:		665 KLD

Wastewater generation:

The Industry shall comply with the following after expansion:

S.No	Effluents	Quantity (KLD)
1.	Excess mine discharge and waste water from workshops and washings	4468 KLD
2	Domestic	65 KLD
Total:		4533 KLD

Treatment and Disposal:

Outlet No.	Outlet Description	Max Daily Discharge	Point of Disposal
1	Mine discharge water & Vehicle washings after treatment	4468 KLD	Treatment in settling ponds. The supernatant shall be utilized for dust suppression, vehicle washings, plantations & domestic purpose. The rest of the supernatant shall be discharged into nearby irrigation tanks.
2	Domestic Waste Water	65 KLD	Treatment in 3 MLD Sewage Treatment Plant at Naspur colony. The treated water shall be used for gardening.

- Excess mine water shall be used for dust suppression after treatment in settling ponds. Wastewater generated from CHP, workshop and other wastewater shall properly collected and treated in ETP. Washings of HEMM shall be used for dust suppression and for agricultural purpose after treatment in Settling ponds, oil & grease trap. Domestic effluents from colony shall be treated in STP and treated effluents shall be reused for greenbelt, etc.
- The industry shall provide fixed water sprinklers near coal handling plant area and on permanent haul roads of the mine.
- 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 bodies. 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 utilised 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.
- The industry shall provide settling tanks for storm water collected at coal handling area to avoid coal ash water discharges into nearby drains finally connected to water tanks.
- 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.

8. The industry shall take following measures to control water pollution :

- Creation of water storage areas in the opencast mines for settlement of suspended solids before pumping the water out of the mine.
 - Provision of oil and grease traps in HEMM workshops for treating effluents and their subsequent recycling.
 - Construction of garland drains along the dumps and along the lease area to restrict the suspended solids from entering into the natural water regime as well as to prevent storm water entering the lease area.
 - Usage of part of the mine water for dust suppression, greenbelt development, etc.
 - Establishing septic tanks followed by soak pits for treating the domestic wastewater generated from the mine office.
 - Construction of check dams/rock fill dams wherever necessary to reduce siltation.
 - Treatment of excess mine water in settling tanks to separate the suspended solids before let out into the nearby irrigation tanks/streams/agricultural lands.
9. Separate water flow meters with necessary pipe-line shall be provided for assessing the quantity of water used for spraying, water sprinkling, greenbelt development / onland irrigation, domestic purposes.
10. Industry shall install online system for monitoring of mine water quality and connect to the Board's server, as stipulated in EC. The industry shall ensure that mine water complies with surface water discharge standards before discharging into Godavari river.

Air:

11. Effective dust suppression system shall be adopted at the transportation site and in the other parts of the mine lease area to arrest fugitive emissions.
12. The project shall install water sprinklers system along the dedicated coal transportation route near to the village as well as in the mining site area.
13. Coal stock pile/crusher/feeder and breaker material transfer points shall be provided with dust 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.
14. 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 Board
15. Mitigating measures shall be undertaken to control dust and other fugitive emissions all along the roads by providing sufficient fixed type water sprinklers, mechanized sweeping, water sprinkling/mist spraying on haul roads and loading sites, long range misting/fogging arrangement, wind barrier wall and vertical greenery system, green belt, dust suppression arrangement at loading and unloading points. etc.
16. The industry shall implement following air pollution mitigation measures:
- Wet drilling and controlled blasting.
 - Use of appropriate explosives for blasting and avoiding over charging of blast holes.
 - Proper wetting of blasted coal before loading into dumpers/dump trucks.
 - Avoidance of overloading of dumpers/dump trucks.
 - Regular compaction and grading of haul roads.
 - Scheduled maintenance and periodical tuning of engines of HEMM for containing the exhaust emissions i.e. CO, SO₂ & NO_x.

- Greenbelt development all along the mine lease area, vacant land near office buildings and plantation on OB dumps.
- Provision of enclosed cabins for HEMM and other vehicles.
- Extensive water sprinkling arrangement on haul roads and other dust generating sources using water Sprinklers.

➤ **Air pollution control measures at CHP:**

- Water spraying arrangements at unloading points and crushers at CHP to control dust emissions.
- Internal lining of chutes and bins to take care of abrasion & dust.
- Provision of belt conveyors of adequate width.
- Regular dust suppression by water spraying in CHP premises.
- Covering the coal loaded trucks with tarpaulin while transporting coal.
- Loading of coal up to brim level of trucks to avoid spillage.
- Black topping of permanent road link routes to CHP, permanent internal roads.
- Minimizing height of fall at coal unloading points and transfer points.
- Restricted speed of the vehicles in the project premises.
- Use of pre-weight bins to avoid overloading of trucks.

➤ **Mitigation measures in and around the opencast mine:**

- Frequently spraying water on haul roads and coal transportation roads within the mine to control fugitive dust emissions.
- Arrangements for water spraying shall be named at the pit head CHP to control fugitive dust emissions.
- To develop and maintain green belt all round the project boundary, in vacant lands within the project so as to control dust propagation.

➤ **Mitigation measures during coal transportation by road:**

- Regular dust suppression near loading and unloading points.
- Proper dust suppression system at hoppers, CHP premises and approaches to CHP area.
- Mist spray arrangement at all dry material conveying and transfer points.
- Area between various sections and truck parking areas are made of concrete/bitumen/brick work.
- Road & approach roads are made of bitumen/concrete.
- To ensure that coal transport trucks are filled up to brim level to avoid coal spillage during transport.
- All the coal transport trucks shall be covered with good quality tarpaulin sheet having tying arrangement with ropes to avoid spillages and flying of coal dust during the transportation of coal from the loading point to unloading point.
- Coal transport vehicles shall be taken up for periodic maintenance for tuning of engines in order to control vehicular exhaust emissions.
- During vehicular maintenance fuel leakages are being checked.
- During periodic checks of trucks, condition of body with respect to leakages is being checked and steps are taken to prevent coal spillages during movement of trucks on the public roads.

17. The industry shall implement following noise pollution mitigation measures:

- Formulation and implementation of suitable blast design parameters such as burden, spacing, charge per delay etc. for different coal/OB types.
- Controlled blasting techniques by using NONELs to minimize the noise and vibration.
- Procurement of HEMM with acoustically designed operator's cabins.
- Proper maintenance and tuning of HEMM and other machinery.
- Greenbelt with species of rich canopy around the lease area and along the roads, to attenuate the noise levels. The greenbelt will act as noise attenuator.
- Use of personal protective devices i.e., earmuffs and earplugs by workers, working in high noise activity centre.

➤ **Measures for controlling noise and blast vibrations:**

- Controlled blasting technique using non-electric (NONEL) delay detonators to reduce blast vibrations substantially.
- Regulating Charge per delay to minimize blast vibrations.
- Optimum delay sequences and stem to column ratio to minimize the fly rock distance and ground vibration intensity.
- Basing on the distance of the nearest sensitive areas from the epicenter of the blast, charge weight alteration to meet the stipulated standards.
- Design of optimum blast hole geometry considering bench height, diameter of hole, type of explosive, nature of rock, level of fragmentation required etc.
- Carrying out blasting operations only during day time.
- Drilling, charging and blasting operations under strict supervision as per DGMS stipulations.
- Avoidance of secondary blasting.
- Ensuring free faces for effective blasting operations.
- Muffled blasting will be implemented wherever situation warrants.

18. The industry shall provide Mist Spraying System in Coal Handling Plant to control the SPM emissions.

19. 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 / rain gun shall be carried out in haul road, loading / unloading and transfer points.

20. Regular clearing / sweeping of dust on the coal transportation roads shall be taken up.

21. Industry shall maintain and operate continuous ambient air quality monitoring station.

22. The proponent shall ensure compliance of the National Ambient Air quality standards notified by MOE&F, GOI, vide notification No. GSR 826(E), dated. 18.11.2009 during construction and regular operational phase of the project

23. Coal stock pile / crusher / feeder and breaker material transfer points shall be provided with dust suppression system. Belt conveyors shall be fully covered and side cladding all along the conveyor gantry shall be made to avoid air borne dust Drills shall be wet operated or fitted with dust extractors.

Solid Waste:

24. The industry shall comply with the following after expansion;

Sl.No.	Description of the waste	Quantity	Mode of disposal
1	Shale /Sand stone/CHP rejects	--	Used for backfilling of low lying areas.

25. Industry shall comply with the following for Over Burden Dumps:

- Separate spoil dumps for topsoil and hard overburden.
- Maximum height of top soil dump is 10 meters.
- Hard overburden will be dumped in 30 m high decks upto a maximum height of 90 m in external dump yard and upto 60 m in internal OB dump.
- 30 m berm width for safe transport.
- Toe wall of atleast 15 m to 20 m height should be constructed along the OB dump.
- Dump slope for each deck to be at natural repose of $37\frac{1}{2}^{\circ}$ and overall slope at 26.5° .
- Track dozers to be deployed for shaping the dumps and dozing of overburden.
- Top soil to be spread over dump slopes and non-active dump area for reclamation

26. The over burden (OB) shall be completely re-handled at the end of mining.

27. The following Rules and Regulations notified by the MoE&F, Govt shall be implemented:

- a) Hazardous waste and other wastes (Management and Transboundary movement) Rules, 2016
- b) Manufacture, Storage and Import of Hazardous Chemicals Rules, 1989.
- c) Batteries Waste Management Rules, 2022.
- d) E-Waste (Management) Rules, 2022.
- e) The Plastic Waste Management Rules, 2016.
- f) Bio-Medical Waste Management Rules, 2016 and its Amendment Rules, 2018.
- g) Solid Waste Management Rules, 2016.
- h) Construction and Demolition Waste Management Rules, 2016.

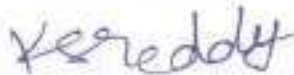
Other Conditions:

- 28. The Industry shall install one CAAQM Station in buffer zone as per the Consent condition and connect the same to the TSPCB website. The industry shall ensure that that online CAAQM stations in the core zone and buffer zone is in continuous streamlining with the TSPCB website so as to monitor PM10, PM2.5, SOx, NOx parameters continuously.
- 29. The Industry comply the EC conditions, direction of Hon'ble courts if any and taskforce directions issued from time to time.
- 30. The industry shall install CC cameras to ensure that no coal transporting Lorries shall pass without complete covering with tarpaulins.
- 31. 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 shall be developed all along the major approach/ coal transportation roads.
- 32. Fly ash shall be used for external dump of overburden, backfilling or stowing of mine as per provisions of Fly ash Notification dt. 03.11.2009 as amended from time to time.
- 33. A separate environmental management cell with suitable qualified personnel shall be set up.
- 34. The proponent shall obtain necessary permissions for the proposed activity, from the concerned Government departments / concerned authorities.
- 35. The proponent shall comply with all the directions issued by the Board from time to time.

**Sd/-
MEMBER SECRETARY**

To
M/s Indaram Khani - 1A Incline
by Singareni Collieries Company Limited
Sy. 338 to 340, 354 359, 366, 374-503,
519-531, 537-551, 580, 581,
Indaram (V), Jaipur (M) & Mancheria District.

//T.C.F.B.O//



JOINT CHIEF ENVIRONMENTAL ENGINEER



Annexure-IV

Ambient Air Quality Monitoring Stations

Station Code	Name of the Stations	Latitude	Longitude
Core Zone			
CA8	IK-1A Incline	N 18°47'29.1"	E 79°32'36.4"
Buffer Zone			
BA8	Indaram Village	N 18°49'18.7"	E 79°31'43.7"
BA9	Nizamabad village	N 18°48'46.9"	E 79°32'47.2"
BA10	Shettipalli village	N 18°47'09.8"	E 79°34'31.8"
BA11	Tekumatla Village	N 18°48'37.5"	E 79°32'58.2"

Ambient Air Quality at Indaram 1A Incline (CA8)

Area : Srirampur **Nature of Area** : Core Zone
Period of Monitoring : April 2025 – September 2025 **Sampling Duration** : 24hrs period

S.No.	Date of Sampling	SPM ($\mu\text{g}/\text{m}^3$)	PM ₁₀ ($\mu\text{g}/\text{m}^3$)	PM _{2.5} ($\mu\text{g}/\text{m}^3$)	SO ₂ ($\mu\text{g}/\text{m}^3$)	NO ₂ ($\mu\text{g}/\text{m}^3$)
Coal mine standards, GSR 742(E), Dated 25.09.2000		500	250	-	120	120
1	07.04.2025	-	149	55.4	10.6	16.2
2	21.04.2025	-	166	59.4	10.4	14.7
3	08.05.2025	-	136	59.5	12.4	16.1
4	22.05.2025	-	137	56.6	11.4	14.8
5	07.06.2025	209	122	51.9	14.9	18.9
6	21.06.2025	192	146	54.4	10.0	13.6
7	08.07.2025	205	99	39	15.2	18.4
8	22.07.2025	179	91	47	12.7	16.6
9	07.08.2025	165	125	58.3	11.7	15.6
10	23.08.2025	185	109	57.1	11.5	19.1
11	08.09.2025	164	109	48.5	9.3	12.7
12	23.09.2025	164	118	48.4	13.0	17.1
Min		164	91	39	9.3	12.7
Max		209	166	59.5	15.2	19.1
Average		182.9	125.6	53.0	11.9	16.2
98 Percentile		208.4	162.3	59.5	15.1	19.1

- No standard was specified for PM_{2.5} in core zone

Ambient Air Quality at Indaram Village (BA8)

Area : Srirampur Nature of Area : Buffer Zone
 Period of : April 2025 – Sampling Duration : 24hrs period
 Monitoring : September 2025

S.No.	Date of Sampling	PM ₁₀ (µg/m ³)	PM _{2.5} (µg/m ³)	SO ₂ (µg/m ³)	NO ₂ (µg/m ³)
NAAQ Standards, CPCB Dated: 18.11.2009		100	60	80	80
1	08.04.2025	75	39.4	9.7	15.8
2	22.04.2025	54	30.2	8.2	12.5
3	09.05.2025	55	29.2	9.3	13.4
4	23.05.2025	66	37.3	8	14.1
5	09.06.2025	48	27.4	11.4	14.2
6	23.06.2025	67	35.3	9.6	12.5
7	09.07.2025	80	24	10.8	14.0
8	23.07.2025	56	32	9.5	12.2
9	08.08.2025	50	28.3	10.7	12.7
10	25.08.2025	49	26.5	8.7	13.6
11	09.09.2025	56	30.9	10.1	13.0
12	24.09.2025	56	31.4	8.0	13.6
Min		48	24	8	12.2
Max		80	39.4	11.4	15.8
Average		59.3	31.0	9.5	13.5
98 Percentile		78.9	38.9	11.3	15.4

Ambient Air Quality at Nizamabad Village (BA9)

Area : Srirampur Nature of Area : Buffer Zone
 Period of : April 2025 – Sampling Duration : 24hrs period
 Monitoring : September 2025

S.No.	Date of Sampling	PM ₁₀ (µg/m ³)	PM _{2.5} (µg/m ³)	SO ₂ (µg/m ³)	NO ₂ (µg/m ³)
NAAQ Standards, CPCB Dated: 18.11.2009		100	60	80	80
1.	07.04.2025	67	36.9	9.7	12.2
2.	21.04.2025	68	37.5	9.6	12.9
3.	08.05.2025	52	28.4	9.2	13
4.	22.05.2025	59	34.1	9.3	14.4
5.	07.06.2025	51	28.5	9.2	14.1
6.	21.06.2025	49	28.4	8.6	13.8
7.	08.07.2025	65	22	11.7	15.1
8.	22.07.2025	60	28	10.3	13.8
9.	07.08.2025	59	33.4	9.6	12.3
10.	23.08.2025	46	26.8	9.2	12.9
11.	08.09.2025	52	29.2	9.3	11.7
12.	23.09.2025	46	26.9	8.1	12.2
Min		46	22	8.1	11.7
Max		68	37.5	11.7	15.1
Average		56.2	30.0	9.5	13.2
98 Percentile		67.8	37.4	11.4	14.9

Ambient Air Quality at Shettipalli Village (BA10)

Area : Srirampur Nature of Area : Buffer Zone
 Period of : April 2025 – Sampling Duration : 24hrs period
 Monitoring September 2025

S.No.	Date of Sampling	PM ₁₀ (µg/m ³)	PM _{2.5} (µg/m ³)	SO ₂ (µg/m ³)	NO ₂ (µg/m ³)
NAAQ Standards, CPCB Dated: 18.11.2009		100	60	80	80
1.	07.04.2025	78	39.5	10.2	14.1
2.	21.04.2025	52	31.3	8.2	13.2
3.	08.05.2025	71	39.5	8.7	14.4
4.	22.05.2025	55	30.5	9.1	13.9
5.	07.06.2025	53	29.2	8.2	14.0
6.	21.06.2025	50	26.5	8.2	13.0
7.	08.07.2025	89	27	9.7	12.6
8.	22.07.2025	52	27	10.7	13.8
9.	07.08.2025	41	24.6	9.3	14.0
10.	23.08.2025	52	27.9	9.5	12.7
11.	08.09.2025	58	32.7	10.5	14.4
12.	23.09.2025	54	29.3	9.3	12.9
Min		41	24.6	8.2	12.6
Max		89	39.5	10.7	14.4
Average		58.8	30.4	9.3	13.6
98 Percentile		86.6	39.5	10.7	14.4

Ambient Air Quality at Tekumatla Village (BA11)

Area : Srirampur Nature of Area : Buffer Zone
 Period of : April 2025 – Sampling Duration : 24hrs period
 Monitoring September 2025

S.No.	Date of Sampling	PM ₁₀ (µg/m ³)	PM _{2.5} (µg/m ³)	SO ₂ (µg/m ³)	NO ₂ (µg/m ³)
NAAQ Standards, CPCB Dated: 18.11.2009		100	60	80	80
1.	07.04.2025	59	32.2	9.6	13.7
2.	21.04.2025	57	32.1	8.7	13.3
3.	08.05.2025	60	33.7	8.6	12.9
4.	22.05.2025	50	27.6	10.1	13.3
5.	07.06.2025	54	29.9	10.5	14.5
6.	21.06.2025	56	28.8	8.7	12.5
7.	08.07.2025	97	29	10.2	13.3
8.	22.07.2025	84	46	12.2	15.8
9.	07.08.2025	67	38.7	10.5	14.2
10.	23.08.2025	44	24.4	8.5	12.5
11.	08.09.2025	42	24.5	8.1	14.4
12.	23.09.2025	48	28.5	8.7	13.6
Min		42	24.4	8.1	12.5
Max		97	46	12.2	15.8
Average		59.8	31.3	9.5	13.7
98 Percentile		94.1	44.4	11.8	15.5

(A) Summary of Ambient Air Quality Data Monitoring

Location code	Name of the location	SPM($\mu\text{g}/\text{m}^3$)			PM ₁₀ ($\mu\text{g}/\text{m}^3$)			PM _{2.5} ($\mu\text{g}/\text{m}^3$)			SO ₂ ($\mu\text{g}/\text{m}^3$)			NO ₂ ($\mu\text{g}/\text{m}^3$)		
Coal mine standards (commenced after 25.09.2000), GSR 742(E), Dated 25.09.2000		500			250			-			120			120		
CA8	IK-1A Incline	164	209	182.9	91	166	125.6	39	59.5	53.0	9.3	15.2	11.9	12.7	19.1	16.2

(B) Summary of Ambient Air Data Monitoring

Location code	Name of the location	PM ₁₀ ($\mu\text{g}/\text{m}^3$)			PM _{2.5} ($\mu\text{g}/\text{m}^3$)			SO ₂ ($\mu\text{g}/\text{m}^3$)			NO ₂ ($\mu\text{g}/\text{m}^3$)		
NAAQ Standards, CPCB Dated: 18.11.2009		100			60			80			80		
Buffer Zone		Min	Max	Avg	Min	Max	Avg	Min	Max	Avg	Min	Max	Avg
BA8	Indaram Village	48	80	59.3	24	39.4	31.0	8	11.4	9.5	12.2	15.8	13.5
BA9	Nizamabad village	46	68	56.2	22	37.5	30.0	8.1	11.7	9.5	11.7	15.1	13.2
BA10	Shettipalli village	41	89	58.8	24.6	39.5	30.4	8.2	10.7	9.3	12.6	14.4	13.6
BA11	Tekumatla Village	42	97	59.8	24.4	46	31.3	8.1	12.2	9.5	12.5	15.8	13.7

(A) Summary of Ambient Air Quality Data Monitoring

Location code	Name of the location	PM ₁₀ (µg/m ³)			PM _{2.5} (µg/m ³)			SO ₂ (µg/m ³)			NO ₂ (µg/m ³)		
Coal mine standards (commenced after 25.09.2000), GSR 742(E), Dated 25.09.2000		250			-			120			120		
CA8	IK-1A Incline	119	189	157.5	51.9	66.5	58.7	9.3	11.5	10.4	13.2	17.2	14.6

(B) Summary of Ambient Air Data Monitoring

Location code	Name of the location	PM ₁₀ (µg/m ³)			PM _{2.5} (µg/m ³)			SO ₂ (µg/m ³)			NO ₂ (µg/m ³)		
NAAQ Standards, CPCB Dated: 18.11.2009		100			60			80			80		
Buffer Zone		Min	Max	Avg	Min	Max	Avg	Min	Max	Avg	Min	Max	Avg
BA8	Indaram Village	66	88	75.8	34.6	47.1	40.7	8	10.6	9.2	12.2	15.3	13.5
BA9	Nizamabad village	59	82	72.6	33.5	43.7	38.3	8	10.1	9.1	12.4	14.6	13.2
BA10	Shettipalli village	65	85	72.3	33.5	45.1	38.6	7.7	10.5	8.9	12.2	14.8	13.3
BA11	Tekumatla Village	52	84	67.3	29.6	44.4	36.5	7.7	11.6	9.2	12.1	14.7	13.4

Annexure-IV

Ambient Air Quality Monitoring Stations

Station Code	Name of the Stations	Latitude	Longitude
Core Zone			
CA8	IK-1A Incline	N 18°47'29.1"	E 79°32'36.4"
Buffer Zone			
BA8	Indaram Village	N 18°49'18.7"	E 79°31'43.7"
BA9	Nizamabad village	N 18°48'46.9"	E 79°32'47.2"
BA10	Shettipalli village	N 18°47'09.8"	E 79°34'31.8"
BA11	Tekumatla Village	N 18°48'37.5"	E 79°32'58.2"

Ambient Air Quality at Indaram 1A Incline (CA8)

Area : Srirampur **Nature of Area** : Core Zone
Period of Monitoring : April 2025 – September 2025 **Sampling Duration** : 24hrs period

S.No.	Date of Sampling	SPM ($\mu\text{g}/\text{m}^3$)	PM ₁₀ ($\mu\text{g}/\text{m}^3$)	PM _{2.5} ($\mu\text{g}/\text{m}^3$)	SO ₂ ($\mu\text{g}/\text{m}^3$)	NO ₂ ($\mu\text{g}/\text{m}^3$)
Coal mine standards, GSR 742(E), Dated 25.09.2000		500	250	-	120	120
1	07.04.2025	-	149	55.4	10.6	16.2
2	21.04.2025	-	166	59.4	10.4	14.7
3	08.05.2025	-	136	59.5	12.4	16.1
4	22.05.2025	-	137	56.6	11.4	14.8
5	07.06.2025	209	122	51.9	14.9	18.9
6	21.06.2025	192	146	54.4	10.0	13.6
7	08.07.2025	205	99	39	15.2	18.4
8	22.07.2025	179	91	47	12.7	16.6
9	07.08.2025	165	125	58.3	11.7	15.6
10	23.08.2025	185	109	57.1	11.5	19.1
11	08.09.2025	164	109	48.5	9.3	12.7
12	23.09.2025	164	118	48.4	13.0	17.1
Min		164	91	39	9.3	12.7
Max		209	166	59.5	15.2	19.1
Average		182.9	125.6	53.0	11.9	16.2
98 Percentile		208.4	162.3	59.5	15.1	19.1

- No standard was specified for PM_{2.5} in core zone

Ambient Air Quality at Indaram Village (BA8)

Area : Srirampur Nature of Area : Buffer Zone
 Period of : April 2025 – Sampling Duration : 24hrs period
 Monitoring : September 2025

S.No.	Date of Sampling	PM ₁₀ (µg/m ³)	PM _{2.5} (µg/m ³)	SO ₂ (µg/m ³)	NO ₂ (µg/m ³)
NAAQ Standards, CPCB Dated: 18.11.2009		100	60	80	80
1	08.04.2025	75	39.4	9.7	15.8
2	22.04.2025	54	30.2	8.2	12.5
3	09.05.2025	55	29.2	9.3	13.4
4	23.05.2025	66	37.3	8	14.1
5	09.06.2025	48	27.4	11.4	14.2
6	23.06.2025	67	35.3	9.6	12.5
7	09.07.2025	80	24	10.8	14.0
8	23.07.2025	56	32	9.5	12.2
9	08.08.2025	50	28.3	10.7	12.7
10	25.08.2025	49	26.5	8.7	13.6
11	09.09.2025	56	30.9	10.1	13.0
12	24.09.2025	56	31.4	8.0	13.6
Min		48	24	8	12.2
Max		80	39.4	11.4	15.8
Average		59.3	31.0	9.5	13.5
98 Percentile		78.9	38.9	11.3	15.4

Ambient Air Quality at Nizamabad Village (BA9)

Area : Srirampur Nature of Area : Buffer Zone
 Period of : April 2025 – Sampling Duration : 24hrs period
 Monitoring : September 2025

S.No.	Date of Sampling	PM ₁₀ (µg/m ³)	PM _{2.5} (µg/m ³)	SO ₂ (µg/m ³)	NO ₂ (µg/m ³)
NAAQ Standards, CPCB Dated: 18.11.2009		100	60	80	80
1.	07.04.2025	67	36.9	9.7	12.2
2.	21.04.2025	68	37.5	9.6	12.9
3.	08.05.2025	52	28.4	9.2	13
4.	22.05.2025	59	34.1	9.3	14.4
5.	07.06.2025	51	28.5	9.2	14.1
6.	21.06.2025	49	28.4	8.6	13.8
7.	08.07.2025	65	22	11.7	15.1
8.	22.07.2025	60	28	10.3	13.8
9.	07.08.2025	59	33.4	9.6	12.3
10.	23.08.2025	46	26.8	9.2	12.9
11.	08.09.2025	52	29.2	9.3	11.7
12.	23.09.2025	46	26.9	8.1	12.2
Min		46	22	8.1	11.7
Max		68	37.5	11.7	15.1
Average		56.2	30.0	9.5	13.2
98 Percentile		67.8	37.4	11.4	14.9

Ambient Air Quality at Shettipalli Village (BA10)

Area : Srirampur Nature of Area : Buffer Zone
 Period of : April 2025 – Sampling Duration : 24hrs period
 Monitoring September 2025

S.No.	Date of Sampling	PM ₁₀ (µg/m ³)	PM _{2.5} (µg/m ³)	SO ₂ (µg/m ³)	NO ₂ (µg/m ³)
NAAQ Standards, CPCB Dated: 18.11.2009		100	60	80	80
1.	07.04.2025	78	39.5	10.2	14.1
2.	21.04.2025	52	31.3	8.2	13.2
3.	08.05.2025	71	39.5	8.7	14.4
4.	22.05.2025	55	30.5	9.1	13.9
5.	07.06.2025	53	29.2	8.2	14.0
6.	21.06.2025	50	26.5	8.2	13.0
7.	08.07.2025	89	27	9.7	12.6
8.	22.07.2025	52	27	10.7	13.8
9.	07.08.2025	41	24.6	9.3	14.0
10.	23.08.2025	52	27.9	9.5	12.7
11.	08.09.2025	58	32.7	10.5	14.4
12.	23.09.2025	54	29.3	9.3	12.9
Min		41	24.6	8.2	12.6
Max		89	39.5	10.7	14.4
Average		58.8	30.4	9.3	13.6
98 Percentile		86.6	39.5	10.7	14.4

Ambient Air Quality at Tekumatla Village (BA11)

Area : Srirampur Nature of Area : Buffer Zone
 Period of : April 2025 – Sampling Duration : 24hrs period
 Monitoring September 2025

S.No.	Date of Sampling	PM ₁₀ (µg/m ³)	PM _{2.5} (µg/m ³)	SO ₂ (µg/m ³)	NO ₂ (µg/m ³)
NAAQ Standards, CPCB Dated: 18.11.2009		100	60	80	80
1.	07.04.2025	59	32.2	9.6	13.7
2.	21.04.2025	57	32.1	8.7	13.3
3.	08.05.2025	60	33.7	8.6	12.9
4.	22.05.2025	50	27.6	10.1	13.3
5.	07.06.2025	54	29.9	10.5	14.5
6.	21.06.2025	56	28.8	8.7	12.5
7.	08.07.2025	97	29	10.2	13.3
8.	22.07.2025	84	46	12.2	15.8
9.	07.08.2025	67	38.7	10.5	14.2
10.	23.08.2025	44	24.4	8.5	12.5
11.	08.09.2025	42	24.5	8.1	14.4
12.	23.09.2025	48	28.5	8.7	13.6
Min		42	24.4	8.1	12.5
Max		97	46	12.2	15.8
Average		59.8	31.3	9.5	13.7
98 Percentile		94.1	44.4	11.8	15.5

(A) Summary of Ambient Air Quality Data Monitoring

Location code	Name of the location	SPM($\mu\text{g}/\text{m}^3$)			PM ₁₀ ($\mu\text{g}/\text{m}^3$)			PM _{2.5} ($\mu\text{g}/\text{m}^3$)			SO ₂ ($\mu\text{g}/\text{m}^3$)			NO ₂ ($\mu\text{g}/\text{m}^3$)		
Coal mine standards (commenced after 25.09.2000), GSR 742(E), Dated 25.09.2000		500			250			-			120			120		
CA8	IK-1A Incline	164	209	182.9	91	166	125.6	39	59.5	53.0	9.3	15.2	11.9	12.7	19.1	16.2

(B) Summary of Ambient Air Data Monitoring

Location code	Name of the location	PM ₁₀ ($\mu\text{g}/\text{m}^3$)			PM _{2.5} ($\mu\text{g}/\text{m}^3$)			SO ₂ ($\mu\text{g}/\text{m}^3$)			NO ₂ ($\mu\text{g}/\text{m}^3$)		
NAAQ Standards, CPCB Dated: 18.11.2009		100			60			80			80		
Buffer Zone		Min	Max	Avg	Min	Max	Avg	Min	Max	Avg	Min	Max	Avg
BA8	Indaram Village	48	80	59.3	24	39.4	31.0	8	11.4	9.5	12.2	15.8	13.5
BA9	Nizamabad village	46	68	56.2	22	37.5	30.0	8.1	11.7	9.5	11.7	15.1	13.2
BA10	Shettipalli village	41	89	58.8	24.6	39.5	30.4	8.2	10.7	9.3	12.6	14.4	13.6
BA11	Tekumatla Village	42	97	59.8	24.4	46	31.3	8.1	12.2	9.5	12.5	15.8	13.7

(A) Summary of Ambient Air Quality Data Monitoring

Location code	Name of the location	PM ₁₀ (µg/m ³)			PM _{2.5} (µg/m ³)			SO ₂ (µg/m ³)			NO ₂ (µg/m ³)		
Coal mine standards (commenced after 25.09.2000), GSR 742(E), Dated 25.09.2000		250			-			120			120		
CA8	IK-1A Incline	119	189	157.5	51.9	66.5	58.7	9.3	11.5	10.4	13.2	17.2	14.6

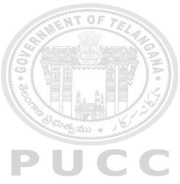
(B) Summary of Ambient Air Data Monitoring

Location code	Name of the location	PM ₁₀ (µg/m ³)			PM _{2.5} (µg/m ³)			SO ₂ (µg/m ³)			NO ₂ (µg/m ³)		
NAAQ Standards, CPCB Dated: 18.11.2009		100			60			80			80		
Buffer Zone		Min	Max	Avg	Min	Max	Avg	Min	Max	Avg	Min	Max	Avg
BA8	Indaram Village	66	88	75.8	34.6	47.1	40.7	8	10.6	9.2	12.2	15.3	13.5
BA9	Nizamabad village	59	82	72.6	33.5	43.7	38.3	8	10.1	9.1	12.4	14.6	13.2
BA10	Shettipalli village	65	85	72.3	33.5	45.1	38.6	7.7	10.5	8.9	12.2	14.8	13.3
BA11	Tekumatla Village	52	84	67.3	29.6	44.4	36.5	7.7	11.6	9.2	12.1	14.7	13.4

Heavy metals in Particulate Matter (PM)

S.No	Parameters	Unit	Test method	RESULT
				IK1A(S-6)
1	Chromium as Cr	µg/m ³	IO - 3 EPA	0.032
2	Cadmium as Cd	µg/m ³	IO - 3 EPA	BDL
3	Lead as Pb	µg/m ³	IO - 3 EPA	0.008
4	Zinc as Zn	µg/m ³	IO - 3 EPA	0.165
5	Iron as Fe	µg/m ³	IO - 3 EPA	0.710
6	Cobalt as Co	µg/m ³	IO - 3 EPA	BDL
7	Manganese as Mn	µg/m ³	IO - 3 EPA	0.135
8	Copper as Cu	µg/m ³	IO - 3 EPA	0.009
9	Molybdenum as Mo	µg/m ³	IO - 3 EPA	BDL
10	Nickel as Ni	ng/m ³	IO - 3 EPA	BDL
11	Vanadium as V	µg/m ³	IO - 3 EPA	0.009
12	Silver as Ag	µg/m ³	IO - 3 EPA	BDL
13	Aluminium as Al	µg/m ³	IO - 3 EPA	0.128
14	Arsenic as As	ng/m ³	IO - 3 EPA	BDL
15	Selenium as Se	µg/m ³	IO - 3 EPA	BDL
16	Mercury	µg/m ³	IO - 3 EPA	BDL
17	Silica	µg/m ³	IO - 3 EPA	0.162

BDL: Below Detection Limit. Cd – 1.4 µg/m³; Co – 2 µg/m³; Ag – 2 µg/m³, As – 2 ng/m³; Se – 2 µg/m³.



Transport Department, Govt. Of Telangana State

Form PUC

Sub Rule(2) of Rule 115

POLLUTION UNDER CONTROL CERTIFICATE



PTS License Number : 01/ASF/2016
PTS License Validity : 22-10-2025

PUC Certificate Number
TS-PUC-20252732672

Registration Number : TS22T0305
Make : ASHOK LEYLAND LTD
Model : 3118IL BSIII
Vehicle Class : Goods Carriage
Mfg. Month/Year : 01/2016

Type Of Engine : 4 Stroke
BS Norms : Bharat Stage III
Fuel Type : DIESEL
Test Date : 16-09-2025 10:17:17
Odometer Reading : 0

S.No.	RPM	K Value (0.00 - 2.45)	HSU Value% (0.00 - 65.00)
1.	0 - 1340	1.010	35.300
2.	0 - 1630	1.000	35.100
3.	0 - 1600	0.990	34.900
Mean	0 - 1373	1.000	35.100



PUC Test Result : PASS

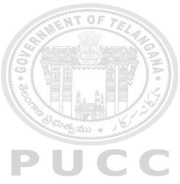
Tested the vehicle with Registration Number TS22T0305 and found **Complying** with provisions made under sub – rule (2) of Rule 115 of Central Motor vehicle Rules, 1989.

The period of validity is from **16-09-2025** to **15-03-2026**

Authorized Signatory

Seal
of PTS

Name and Address of PTS : MARUTHI MOBILE POLLUTION TESTING CENTER , HN0 5-146/1/A MOTHUGUDA,BURUGUDA VILLAGE,
KOMURAMBEEM ASIFABAD DISTRICT
Mobile Number : 9618544330 , Email : LADDU3416@GMAIL.COM



Transport Department, Govt. Of Telangana State

Form PUC

Sub Rule(2) of Rule 115

POLLUTION UNDER CONTROL CERTIFICATE



PTS License Number : 01/ASF/2016

PTS License Validity : 22-10-2025

PUC Certificate Number

TS-PUC-20252387039

Registration Number : TS22T0850

Make : TATA MOTORS LTD

Model : LPT3718/68TC 10X2 TCHCOWL 300LTS TS1020 BSIII

Vehicle Class : Goods Carriage

Mfg. Month/Year : 01/2017

Type Of Engine : 4 Stroke

BS Norms : Bharat Stage III

Fuel Type : DIESEL

Test Date : 19-07-2025 14:20:38

Odometer Reading : 0

S.No.	RPM	K Value (0.00 - 2.45)	HSU Value% (0.00 - 65.00)
1.	0 - 1150	0.770	28.200
2.	650 - 1200	0.760	28.100
3.	0 - 1430	0.760	28.000
Mean	0 - 1293	0.760	28.100



PUC Test Result : PASS

Tested the vehicle with Registration Number **TS22T0850** and found **Complying** with provisions made under sub – rule (2) of Rule 115 of Central Motor vehicle Rules, 1989.

The period of validity is from **19-07-2025** to **18-01-2026**

Authorized Signatory

Seal
of PTS

Name and Address of PTS : **MARUTHI MOBILE POLLUTION TESTING CENTER , HN0 5-146/1/A MOTHUGUDA,BURUGUDA VILLAGE, KOMURAMBEEM ASIFABAD DISTRICT**

Mobile Number : **9618544330** , Email : **LADDU3416@GMAIL.COM**



Transport Department, Govt. Of Telangana State

Form PUC

Sub Rule(2) of Rule 115

POLLUTION UNDER CONTROL CERTIFICATE



PTS License Number : 01ADB2014
PTS License Validity : 28-02-2026

PUC Certificate Number
TS-PUC-20241742122

Registration Number : TS22T2045
Make : TATA MOTORS LTD
Model : TATA LPT 3718CR10X2TRUCK C WCOWLULW9177-N3 BSIV
Vehicle Class : Goods Carriage
Mfg. Month/Year : 09/2017

Type Of Engine : 4 Stroke
BS Norms : Bharat Stage IV
Fuel Type : DIESEL
Test Date : 23-12-2024 13:39:20
Odometer Reading : 0

S.No.	RPM	K Value (0.00 - 1.62)	HSU Value% (0.00 - 50.00)
1.	670 - 3260	0.520	20.100
2.	740 - 3140	0.460	18.100
3.	750 - 3140	0.460	18.000
Mean	695 - 3170	0.480	18.700



PUC Test Result : PASS

Tested the vehicle with Registration Number TS22T2045 and found **Complying** with provisions made under sub – rule (2) of Rule 115 of Central Motor vehicle Rules, 1989.

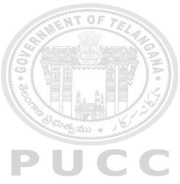
The period of validity is from **23-12-2024** to **22-12-2025**

Authorized Signatory

Seal
of PTS

Name and Address of PTS : SRISAI , HNO3-63 KATHANAPALLY NEAR BHARATH PETROL PUMP RKP X ROAD MANDAMARRY MANCHERIAL
DISTRICT

Mobile Number : 8555901232 , Email : SREE6816811@GMAIL.COM



Transport Department, Govt. Of Telangana State

Form PUC

Sub Rule(2) of Rule 115

POLLUTION UNDER CONTROL CERTIFICATE



PTS License Number : 01/ASF/2016
PTS License Validity : 22-10-2025

PUC Certificate Number
TS-PUC-20252654711

Registration Number : TS22T0859
Make : TATA MOTORS LTD
Model : LPT3718/68TC 10X2 TCHCOWL 300LTS TS1020 BSIII
Vehicle Class : Goods Carriage
Mfg. Month/Year : 02/2017

Type Of Engine : 4 Stroke
BS Norms : Bharat Stage III
Fuel Type : DIESEL
Test Date : 01-09-2025 10:29:06
Odometer Reading : 0

S.No.	RPM	K Value (0.00 - 2.45)	HSU Value% (0.00 - 65.00)
1.	0 - 1830	1.300	43.000
2.	0 - 2180	1.300	43.000
3.	0 - 1940	1.300	43.000
Mean	0 - 1930	1.300	43.000



PUC Test Result : PASS

Tested the vehicle with Registration Number TS22T0859 and found **Complying** with provisions made under sub – rule (2) of Rule 115 of Central Motor vehicle Rules, 1989.

The period of validity is from **01-09-2025** to **28-02-2026**

Authorized Signatory

Seal
of PTS

Name and Address of PTS : MARUTHI MOBILE POLLUTION TESTING CENTER , HN0 5-146/1/A MOTHUGUDA,BURUGUDA VILLAGE,
KOMURAMBEEM ASIFABAD DISTRICT
Mobile Number : 9618544330 , Email : LADDU3416@GMAIL.COM

Annexure-VII.

1. Project Name : Post Project Environmental Monitoring in SCCL Mining areas
2. Area : Srirampur
3. Sampling Location & Code : Area Workshop ETP Outlet (EW20)
4. Nature of the Component : Effluents
5. Period of Monitoring : April 2025 – September 2025

Table 5.5
Characteristics of Effluents – Area Workshop ETP Outlet (EW20)

S.No.	Date of Sampling	pH	TSS at 105°C	TDS at 180°C	COD	BOD	Oil & Grease
	Unit	--	mg/L	mg/L	mg/L	mg/l	mg/L
	Test Method	4500-H+B	2540-D	2540-C	5220-B	IS 3025	5520-B
	MoEF GSR 742 (E) and GSR 801(E) Effluent Standards for coal mines	5.5 to 9.0	100	--	250	30	10
1.	15.04.2025	7.6	65	1298	40	8.6	2.4
2.	30.04.2025	7.2	52	896	56	13.3	1.8
3.	14.05.2025	7.6	67	1267	47	8.2	2.6
4.	31.05.2025	7.5	72	1185	56	10.4	2.4
5.	15.06.2025	7.9	61	1072	64	12.6	2.2
6.	30.06.2025	7.6	55	986	59	13.4	2.6
7.	15.07.2025	7.3	63	1097	63	11.5	2.8
8.	31.07.2025	7.8	54	1285	56	11.7	3
9.	13.08.2025	7.8	61	1233	47	10.4	2.2
10.	29.08.2025	7.6	58	1368	55	11.6	2.4
11.	15.09.2025	7.8	47	1145	48	8.8	2
12.	30.09.2025	7.7	66	1299	51	10.7	2.2

Characteristics of Effluents

Sl. No.	Sample code	Name of the Location	Latitude	Longitude
1	EW8	IK-1A Incline Mine Discharge	N 18° 47' 29.1"	E 79° 32' 36.4"

6. Project Name : Post Project Environmental Monitoring in SCCL Mining areas
7. Area : Srirampur
8. Sampling Location & Code : IK-1A Incline Mine Discharge (EW8)
9. Nature of the Component : Effluents
10. Period of Monitoring : April 2025 – September 2025

Characteristics of Effluents – IK-1A Incline Mine Discharge (EW8)

S.No.	Date of Sampling	pH	TSS at 105°C	TDS at 180°C	COD	BOD	Oil & Grease
Unit		--	mg/L	mg/L	mg/L	mg/l	mg/L
Test Method		4500-H+B	2540-D	2540-C	5220-B	IS 3025	5520-B
MoEF GSR 742 (E) and GSR 801(E) Effluent Standards for coal mines		5.5 to 9.0	100	--	250	30	10
11.	15.04.2025	7.3	23	514	32	3.6	<1
12.	30.04.2025	7.2	19	786	16	2.8	<1
13.	14.05.2025	7.5	27	592	31	4.2	<1
14.	31.05.2025	7.9	31	634	28	3.2	<1
15.	15.06.2025	7.3	22	551	20	2.4	<1
16.	30.06.2025	7.8	34	749	15	3.2	<1
17.	15.07.2025	7.2	29	592	23	2.6	<1
18.	31.07.2025	7.6	18	867	35	4.4	<1
19.	13.08.2025	7.7	24	942	27	3.6	<1
20.	29.08.2025	7.6	17	786	19	2.6	<1

S.No.	Date of Sampling	pH	TSS at 105°C	TDS at 180°C	COD	BOD	Oil & Grease
Unit		--	mg/L	mg/L	mg/L	mg/l	mg/L
Test Method		4500-H+B	2540-D	2540-C	5220-B	IS 3025	5520-B
MoEF GSR 742 (E) and GSR 801(E) Effluent Standards for coal mines		5.5 to 9.0	100	--	250	30	10
21.	15.09.2025	7.8	28	692	28	3.6	<1
22.	30.09.2025	7.4	35	912	31	4.4	<1

Annexure-VIII.**ATTITUDE OF PHREATIC SURFACE IN SRIRAMPUR AREA**

Well No.	Name of the Village	Location	Owner's name	Type of well	Total depth(m)	MP (m)	Dia(m)	Depth to water (m)			
									2023	2024	2025
1	Arunakka Nagar	Near GM Office, 18°51'18.38" N, 79°30'40.68"E	N. Lingaiah	DW	9.40	1.00	1.00	Winter	3.84	4.38	4.60
								Pre monsoon	5.27	5.20	5.39
								Monsoon	1.64	1.43	
								Post monsoon	2.49	3.46	
2	RK 6 Colony	Near Shiva temple, 18°52'15.84" N, 79°30'04"E	Q.No.SA-13	DW	10.00	1.20	1.20	Winter	1.74	2.52	2.60
								Pre monsoon	3.53	3.70	3.19
								monsoon	0.81	0.90	
								Post monsoon	1.53	1.20	
3	RK6Colony	Kurma wada, 18°52'14" N, 79°30'04"E	Karre Posham	DW	6.50	1.00	1.00	Winter	2.96	1.87	2.56
								Pre monsoon	1.90	2.18	AB
								Monsoon	1.28	1.30	
								Post monsoon	1.63	1.43	
5	Srirampur (Naspur X road)	Naspur X Road, 18°51'17"N, 79°28'48"E	Suddula Shankar	DW	10.00	0.60	1.00	Winter	6.18	6.24	4.23
								Pre monsoon	7.82	7.85	6.00
								Monsoon	4.29	2.85	
								Post monsoon	4.68	3.35	
6	Sethar ampalli	On the way to Intake well, 18°50'31.72" N, 79°28'34.46"E	Surimella Lachanna	DW	8.50	1.00	1.00	Winter	2.92	3.76	4.98
								Pre monsoon	4.47	5.80	4.78
								Monsoon	2.23	1.58	
								Post monsoon	2.87	3.24	
7	Sethar ampalli	On the way to Tallapalli, 18°50'37.91"N, 79°29'0.81"E	M. Gopaiah	DW	15.00	1.20	1.20	Winter	10.31	10.55	10.61
								Pre monsoon	13.30	13.00	13.36
								Monsoon	5.00	3.50	
								Post monsoon	7.25	9.40	

Well No.	Name of the Village	Location	Owner's name	Type of well	Total depth(m)	MP (m)	Dia(m)	Depth to water (m)			
									2023	2024	2025
8*	Tallapalli	Roadside, 18°49'59" N, 79°29'16"E	Katukuri sattaiah	DW	9.10	3.00	3.00	Winter	2.08	2.96	
								Pre monsoon	2.17	3.09	4.37
								Monsoon	2.03	2.60*	
								Post monsoon	2.05	--	
9	Tallapalli	Towards OC, 18°50'3.60"N, 79°29'34.41"E	B.Rajaiah	DW	10.50	1.20	1.20	Winter	5.97	6.80	7.09
								Pre monsoon	9.97	7.15	7.20
								Monsoon	4.40	2.89	
								Post monsoon	6.15	5.25	
12	Ramaraopet	Nearbridge, 18°49'17.80" N, 79°30'48.89"E	GuntaChadraiah	DW	7.00	1.30	1.30	Winter	5.22	4.85	5.15
								Pre monsoon	5.67	5.60	5.45
								Monsoon	1.08	1.00	
								Post monsoon	3.53	3.60	
14	Indaram	Opp.Essar petrol bunk, 18°49'13.91" N, 79°31'39.44"E	Kokkula Bakkaiah	DW	11.50	3x4	3X4	Winter	6.17	5.60	6.05
								Pre monsoon	3.60	6.53	6.46
								Monsoon	3.44	2.00	
								Post monsoon	3.46	3.30	
18	Tekumatla	Along the road, 18°48'48.52" N, 79°32'37.20"E	Ricemill (Kamalakar)	DW	11.50	1.60	1.60	Winter	9.74	8.50	AB
								Pre monsoon	11.37	11.40	AB
								Monsoon	7.68	7.07	
								Post monsoon	8.21	3.39	
19	Tekumatla	Along the road, 18°48'40.20" N, 79°32'50.84"E	V. Ramireddy	DW	11.00	1.00	1.00	Winter	3.88	4.00	4.35
								Pre monsoon	5.07	4.70	4.80
								Monsoon	3.10	2.10	
								Post monsoon	3.19	8.93	
20	Indaram	On the way to Tekumatla, 18°49'11.71" N, 79°31'59.03"E	Govt.Well	DW	9.30	2.00	2.00	Winter	4.86	4.26	5.83
								Pre monsoon	7.37	7.30	7.32
								monsoon	3.73	3.00	
								Post monsoon	4.10	4.63	
22*	Rasulpalli	Near bus stop, 18°50'33.40" N,	Gomati sattaiah	DW	8.00	1.00	1.00	winter	2.98	2.85	2.15
								Pre monsoon	3.05	3.00	2.50

Well No.	Name of the Village	Location 79°33'8.13"E	Owner's name	Type of well	Total depth(m)	MP (m)	Dia(m)	Depth to water (m)			
									2023	2024	2025
								monsoon	1.48	1.22*	
23	Mudikunta	Near Village junction, 18°51'43.69" N, 79°33'18.11"E	G.Rajaiah	DW	11.40	1.20	1.00	Post monsoon	2.44	1.47	
								Winter	5.08	6.20	4.97
								Pre monsoon	5.51	8.20	5.25
								Monsoon	2.70	2.00	
								Post monsoon	3.28	4.60	
25	Kankur	SC Colony, 18°53'07" N, 79°32'44"E	Reguntla Posham	DW	10.00	2.30	2.30	Winter	6.82	2.63	4.00
								Pre monsoon	2.85	3.00	AB
								Monsoon	2.00	1.75	
								Post monsoon	2.47	3.86	
26	Jaipur	Near bus stop, 18°50'41.33" N, 79°34'43.27"E	Behind AE off.	DW	12.00	1.00	1.00	Winter	2.99	3.45	3.80
								Pre monsoon	3.80	3.96	4.90
								Monsoon	0.88	0.83	
								Post monsoon	1.21	2.50	
29	Mittapalli	Village center, 18°52'30" N, 79°33'36"E	Gaddam Suresh goud	DW	8.00	1.00	1.00	Winter	5.73	5.33	5.45
								Pre monsoon	4.39	4.44	6.30
								Monsoon	1.83	3.28	
								Post monsoon	4.10	5.27	
30	Elkanti	Village center, 18°48'07"N, 79°34'24"E	Jalampalli Poshamallu (GDK10A-Maz.)	DW	10.00	2.40	2.40	Winter	6.72	4.40	7.05
								Pre monsoon	9.70	8.20	7.15
								Monsoon	1.70	1.60	
								Post monsoon	2.73	3.60	
31	Ponnaram	Opp.to TSSWR School, 18°55'26.88" N, 79°32'31.76"E	Penchal Anjanna	DW	8.00	1.00	1.00	Winter	3.40	3.83	3.63
								Pre monsoon	4.67	4.71	4.05
								Monsoon	2.08	1.88	
								Post monsoon	3.11	2.20	
32	Gudipalli	Along the main road, 18°54'4.14"N, 79°32'25.41"E	Lingaiah	Ag.W	11.00	5.00	5.00	Winter	6.91	6.98	5.74
								Pre monsoon	7.67	7.71	8.20
								Monsoon	3.38	2.48	
								Post monsoon	5.73	--	
		Primary school road,	Opp.Naredla					Winter	4.63	7.56	5.20

Well No.	Name of the Village	Location	Owner's name	Type of well	Total depth(m)	MP (m)	Dia(m)	Depth to water (m)			
									2023	2024	2025
33	Gangipalli	18°48'31.31" N, 79°35'4.60"E	Thirupathi reddy	DW	10.00	1.50	1.50	Pre monsoon	Dry	5.28	7.70
								Monsoon	4.75	2.44	
								Post monsoon	4.88	5.13	
36	Shetpalli	Near Hanuman temple, 18°46'52" N, 79°34'26"E	Rangu Kittaiiah	DW	8.00	2.00	2.00	Winter	6.87	3.75	3.90
								Pre monsoon	4.10	6.50	4.70
								monsoon	3.02	1.56	
								Post monsoon	3.21	3.30	
37	Jaipur	Opp.to Post office, 18°50'45.19" N, 79°35'10.70"E	Beeskula Mallaiah	DW	10.00	1.50	1.50	Winter	6.96	6.82	2.90
								Pre monsoon	7.02	7.72	4.66
								Monsoon	4.08	3.60	
								Post monsoon	4.49	3.43	
39	Narwa	Village entrance, 18°51'09" N, 79°33'49"E	Salluri venkatesh SCCLEmployee	DW	12.00	2.00	2.00	Winter	8.81	8.82	10.70
								Pre monsoon	10.50	10.69	10.50
								Monsoon	6.08	4.90	
								Post monsoon	7.75	9.00	
40	Gudipalli	OpptoSC Colony, 18°54'6.84"N, 79°32'12.90"E	Segyam rajuwell/Openland	DW	10.00	0.65	2.50	Winter	6.54	6.50	AB
								Pre monsoon	dry	8.10	AB
								Monsoon	3.23	2.49	
								Post monsoon	5.18	WD	
41	VenkataRaopalli	Villagecenter, 18°52'6.46"N, 79°34'33.74"E	Durgam Kishtaiah	DW	12.00	0.50	3.00	Winter	6.28	7.50	8.10
								Pre monsoon	7.67	8.00	8.15
								Monsoon	3.39	3.00	
								Post monsoon	4.05	5.65	
42	Narsingapur	Near Hanuman temple, 18°47'17.08" N, 79°35'17.18"E	Naskur Mallaiah	DW	12.00	1.00	1.00	Winter	5.39	6.25	6.30
								Pre monsoon	8.28	8.28	9.80
								Monsoon	2.74	1.00	
								Post monsoon	3.45	6.10	
43	Bejjala	Village Centre, 18°46'11.73" N, 79°34'53.69"E	ThotaBapu, Adj.to Grampanchayath	DW	10.00	2.00	3.00	Winter	4.91	4.30	4.67
								Pre monsoon	5.93	6.12	6.40
								Monsoon	2.56	3.00	

Well No.	Name of the Village	Location	Owner's name	Type of well	Total depth(m)	MP (m)	Dia(m)	Depth to water (m)			
									2023	2024	2025
								Post monsoon	3.78	4.02	
45	Maddulapalli	Village center, 18°47'2.53"N, 79°36'12.36"E	SandhanaveniBalaiah/ SCCL Employee	DW	9.00	2.00	2.00	Winter	5.99	3.74	5.80
								Pre monsoon	6.47	6.41	6.10
								Monsoon	0.88	2.00	
								Post monsoon	1.38	5.76	
46	Polampalli	Indirama colony, 18°50'25.66" N, 79°39'8.63"E	Dharshinala Madhukar	DW	7.50	1.00	1.00	Winter	4.64	3.54	5.50
								Pre monsoon	4.80	5.00	5.60
								Monsoon	1.80	1.00	
								Post monsoon	3.24	5.40	
47	Bhimaram	Alongthehighway, 18°50'51.85" N, 79°40'38.25"E	Bandari Ramaiah	DW	11.00	0.30	1.00	Winter	4.18	WD	4.17
								Pre monsoon	WD	WD	4.20
								Monsoon	NA	1.00	
								Post monsoon	WD	3.46	
48	Bhimaram	Padmashaliwada, 18°51'10.60" N, 79°40'18.97"E	KokkulaRamulu	DW	9.00	1.16	1.15	Winter	2.08	2.00	2.17
								Pre monsoon	2.20	2.53	2.20
								Monsoon	1.18	1.15	
								Post monsoon	1.93	1.82	
50	Kazipalli	VillageEntrance,18°55'26.98" N, 79°38'44.18"E	Kommu Devender	DW	7.00	2.00	2.00	Winter	5.51	5.80	4.90
								Pre monsoon	6.27	6.32	5.45
								Monsoon	3.10	2.00	
								Post monsoon	4.84	3.60	
51	Dampur	Gollawada, 18°54'45.59" N, 79°37'52.25"E	KoriviThirupathi	DW	10.50	1.90	1.90	Winter	4.57	4.30	4.40
								Pre monsoon	6.47	4.60	4.80
								monsoon	2.64	1.90	
								Post monsoon	3.89	4.35	
52	Reddipalli	Villagecenter, 18°55'22.45" N, 79°37'12.10"E	Kudentha Nelamma	DW	10.00	2.50	2.50	Winter	3.54	4.41	3.37
								Pre monsoon	3.97	4.60	4.40
								monsoon	2.64	2.50	
								Post monsoon	2.08	2.40	
53	Dharmaram	Villagecenter, 18°55'29.90" N,	SanthoshamSriram Reddy	DW	10.00	2.45	2.45	Winter	2.08	3.18	2.43
								Pre monsoon	3.22	4.03	3.18
								Monsoon	2.77	2.45	

Well No.	Name of the Village	Location	Owner's name	Type of well	Total depth(m)	MP (m)	Dia(m)	Depth to water (m)			
									2023	2024	2025
		79°36'52.94"E						Post monsoon	1.80	2.00	
54	Theegalpahad	Opp.to Bharat petroleum bunk, 18°51'23.15" N, 79°29'24.72"E	Md.Rahman S/o Kaleel	DW	10.00	2.00	2.00	Winter	3.18	3.20	3.63
								Pre monsoon	4.37	5.60	3.90
								Monsoon	2.36	2.00	
								Post monsoon	3.11	2.53	
55	Mudikunta	Village center,18°51'42.63" N, 79°33'16.24"E	Pagala Shankaraiah S/o Gattaiah	DW	15.00	2.20	2.20	Winter	5.10	3.35	AB
								Pre monsoon	11.07	10.50	AB
								Monsoon	2.70	2.20	
								Post monsoon	3.65	WD	
56	Mancherial	Opp.Sunnam batti wada, 18°51'47.99" N, 79°27'25.30"E	Pesara Rayalingu	DW	15.00	2.20	2.20	Winter	8.91	8.45	9.30
								Pre monsoon	8.45	8.60	9.50
								Monsoon	4.19	2.20	
								Post monsoon	6.80	6.45	
57	Kankuur	SC Colony 18°53'07"N, 79°32'44"E	Rgeuntla posham	DW	10.00	2.30	1.00	Winter	--	--	--
								Pre monsoon	--	--	4.10
								Monsoon	--	--	
								Post monsoon	--	--	

Note: TD:Total depth, MP: Measuring point ,WD: Well Damaged. Domestic well, Ag W:Agriculture well, AB: Abandoned and *New observation well.

ATTITUDE OF PIEZOMETRIC SURFACE AROUND SRIRAMPUR OC-II EXPANSION PROJECT

Piezometric well no.	Location	Depth (m)	Dia. (m)	Measuring point (m)	Depth to water (m)	
					Winter-2025	Pre monsoon 2025
SRP_OCP.II PW-8	Near Project Office sub-station. About 125m from N side of quarry surface limit. (N18°51'4.12" – E 79°29'39.90")	50	0.10	0.40	21.95	22.00
SRP_OCP.II PW-10	Road to SRP bus stand, about 300m from N side of quarry surface limit (N18°51'7.10" – E 79°30'11.26")	50	0.1	0.50	19.40	19.50
*SRP_CSIRO PW-12	West side External dump area. Near to Thallapalli village (N18°49'50.573" - E 79°29'06.202")	50	0.1	0.2	NA	2.27
*SRP_CSIRO PW-13	West side External dump area. Road to Godavari river (N18°49'45.286" – E 79°29'06.811")	50	0.1	0.2	4.00	3.36
*SRP_CSIRO PW-14	West side External dump area. Road to Godavari River (N18°49'32.305" – E 79°28'50.154")	50	0.1	0.2	4.85	5.90

Note:-TD: Total depth, MP: Measuring point, and DTW: Depth to water

Block / Mine : **IKOCP** Area: **Srirampur**

Piezometric Well No.	Location	Depth (m)	Dia (m)	MP (m)	Depth to water(m)	
					Winter-2025	Pre monsoon 2025
IKOCP-PW1	On the way to PO office, adj. to coal transport road, Dip side of the project.3057126.41,949693.45	250	0.10	1.35	42.43	19.37
IKOCP-PW2	Near Indaram village, On the way to PO office adj. to coal transport road, Dip side of the project.3056296.11,950728.54	250	0.10	1.35	26.50	43.15

ATTITUDE OF PHREATIC SURFACE IN GODAVARI VALLEY COALFIELDArea: **CHENNUR**

Well No.	Name of the Village	Location	Owner's Name	Type of well	TD (m)	MP (m)	Dia (m)	Winter-2025	Pre monsoon 2025
								DTW (m)	DTW (m)
5	Chennur	Srinagar Colony, 18°51'16.48"N, 79°46'56.91"E	Sabbani Devaiah	DW	8.50	0.50	1.20	5.60	7.80
8	Chennur	Theatre line 18°51'27"N, 79°47'18"E	Bomma Rambai	DW	10.00	0.60	0.80	9.33	9.35
14	Chennur	Bokkala gudem, 18°51'30"N, 79°48'03"E	Govt Well	DW	11.00	0.50	3.50	4.86	6.00
15	Kistampet	Opp. ZPHS School, 18°50'52.81"N, 79°45'14.11"E	Bera Chiranjeevi	DW	7.00	0.55	3.60	3.97	4.00
16	Ellakkapet	Towards Lambadipalli road, 18°51'24.53"N, 79°45'45.78"E	Opp. to Cheruvu	Ag. W	10.00	GL	8.00	4.50	4.55
17	Shivalingapur	18°52'56"N, 79°47'54"E	Sheelam Madhanaiah	DW	8.00	0.50	1.30	5.61	5.70

Well No.	Name of the Village	Location	Owner's Name	Type of well	TD (m)	MP (m)	Dia (m)	Winter-2025	Pre monsoon 2025
								DTW (m)	DTW (m)
18	Buddaram	End of the village, 18°54'51"N, 79°42'50"E	Katavena Odelu	Ag. W	9.50	0.40	2.70	AB	AB
19	Kotapalli	Towards Vemanapalli 18°57'20.76"N, 79°47'24.35"E	Kashetti Ramaiah	DW	11.00	0.50	1.50	AB	AB

Note:- TD: Total Depth, MP: Measuring point, Ag W: Agriculture well, DW: Domestic well and AB:Abandoned.

ATTITUDE OF PHREATIC SURFACE IN GODAVARI VALLEY COALFIELD

Area: **CHENNUR**

Block/Mine:Chennur sand mining lease

Piezometric Well No.	Location	Depth(m)	Dia(m)	MP (m)	Depth to water(m)
					Pre monsoon 2025
PW-4	Third well from upstream side 18°51'12..8"N, 79°49'16.5"E	30	0.10	0.30	5.80
PW-5	Fourth well from upstream and adjacent to the road connecting the sand reach 18°51'31.7"N,	30	0.10	0.30	9.72
Fire well					
PW-2	Between PW-3 and PW-4 18°50'59.3"N, 79°49'17.4"E	9.75	0.10	0.40	6.28

Note: TD: Total depth, MP: Measuring point, DTW: Depth to water.

Surface Water Sampling Locations

Sl. No.	Sampling code	Date of Sampling		Sampling Location	Latitude	Longitude
		1 st Quarter	2 nd Quarter			
1	SW-1	27.03.2025	17.07.2025	Godavari River Upstream (near sitharampalli)	N 18° 49' 33.5"	E 79° 28' 21.5"
2	SW-2	27.03.2025	17.07.2025	Godavari River Downstream (shettipalli)	N 18° 53' 41.8"	E 79° 40' 32.6"
3	SW-5	27.03.2025	17.07.2025	Indaram Tank	N 18° 49' 03.6"	E 79° 52' 02.4"
4	SW-6	27.03.2025	17.07.2025	Shettipalli Tank	N 18° 47' 04.2"	E 79° 34' 28.3"

Groundwater Sampling Locations

Sl. No.	Sampling code	Date of Sampling		Sampling Location	Latitude	Longitude
		1 st Quarter	2 nd Quarter			
1	GW-5	27.03.2025	17.07.2025	Nizamabad Village	N 18°48'36"	E 79°32'37"
2	GW-6	27.03.2025	17.07.2025	Shettipalli Village	N 18° 47' 06.9"	E 79° 34' 41.6"

Physico-Chemical and Bacteriological Characteristics of Surface Water

Physico-Chemical and Bacteriological Characteristics of Surface Water as per CPCB Water Quality Criteria

S.No	Parameters	Unit	Test Method	CPCB Water Quality Criteria					RESULT			
				Class A	Class B	Class C	Class D	Class E	SW-1 Godavari River Upstream		SW-2 Godavari River Downstream	
									1 st Quarter	2 nd Quarter	1 st Quarter	2 nd Quarter
1	pH	-	4500-H+B	6.5-8.5	6.5-8.5	6.0 – 9.0	6.5-8.5	6.0-8.5	7.9	8.1	8.1	8.4
2	Electrical Conductivity	µmhos/cm	2510-B	-	-	-	-	2250 µmhos/cm	920	675	975	655
3	Dissolved Oxygen (DO)	mg/L	4500-O.C	6 mg/l or more	5 mg/l or more	4 mg/l or more	4 mg/l or more	-	5.4	6.2	5.2	6.3
4	Bio chemical Oxygen Demand (3 days 27° C)	mg/L	IS: 3025	2 mg/l or less	3 mg/l or less	3 mg/l or less	-	-	2.6	2.4	2.8	2.2
5	Total Coliforms	MPN/100mL	9221B	50 or less	500 or less	5000 or less	-	-	220	170	240	130
6	Free Ammonia (as N)	mg/L	4500-NH ₃ -F	-	-	-	1.2 mg/L or less	-	BDL	BDL	BDL	BDL
7	Boron as B	mg/L	3120-B	-	-	-	-	Less than 2 mg/L	0.08	0.11	0.14	0.16
8	SAR	-	-	-	-	-	-	Less than 26	1.16	2.15	1.75	0.95

Annexure-IX

S.No	Parameters	Unit	Test Method	CPCB Water Quality Criteria					RESULT			
				Class A	Class B	Class C	Class D	Class E	SW-5 Indaram Tank		SW-6 Shettipalli Tank	
									1 st Quarter	2 nd Quarter	1 st Quarter	2 nd Quarter
1	pH	-	4500-H+B	6.5-8.5	6.5-8.5	6.0 – 9.0	6.5-8.5	6.0-8.5	7.9	7.8	7.8	7.7
2	Electrical Conductivity	µmhos/cm	2510-B	-	-	-	-	2250 µmhos/cm	985	845	710	890
3	Dissolved Oxygen (DO)	mg/L	4500-O.C	6 mg/l or more	5 mg/l or more	4 mg/l or more	4 mg/l or more	-	5.2	5.6	5.8	5.4
4	Bio chemical Oxygen Demand (3 days 27° C)	mg/L	IS: 3025	2 mg/l or less	3 mg/l or less	3 mg/l or less	-	-	2.8	3.0	2.6	3.0
5	Total Coliforms	MPN/100mL	9221B	50 or less	500 or less	5000 or less	-	-	240	220	170	240
6	Free Ammonia (as N)	mg/L	4500-NH ₃ -F	-	-	-	1.2 mg/L or less	-	BDL	BDL	BDL	BDL
7	Boron as B	mg/L	3120-B	-	-	-	-	Less than 2 mg/L	0.15	0.09	0.09	0.12
8	SAR	-	-	-	-	-	-	Less than 26	3.09	3.28	1.08	2.79

Physico-Chemical Characteristics of Surface Water at Selected Locations in the Study Area

S. No	Parameters	Unit	Test Method	SW-1 Godavari River Upstream		SW-2 Godavari River Downstream	
				1 st Quarter	2 nd Quarter	1 st Quarter	2 nd Quarter
1.	Colour	Hazen	2120. B	5	5	5	5
2.	Odour	TON	2150. B	No odour observed	No odour observed	No odour observed	No odour observed
3.	Temperature	°C	2550. B	25	27	25	27
4.	Turbidity	NTU	2130. B	1.22	1.2	1.45	1.1
5.	Total Dissolved Solids at 180° C	mg/L	2540.C	550	402	584	390
6.	Total Suspended Solids at 105° C	mg/L	2540. D	26	9	20	21
7.	Chemical Oxygen Demand	mg/L	5220. B	40	12	36	28
8.	Calcium as Ca	mg/L	3500-Ca.B	72	36	68	40
9.	Magnesium as Mg	mg/L	3500-Mg.B	42	23	39	38
10.	Sodium as Na	mg/L	3500-Na.B	50	67	73	35
11.	Potassium as K	mg/L	3500-K.B	6.9	4.04	6.7	4
12.	Chlorides as Cl ⁻	mg/L	4500-Cl ⁻ .B	100	60	100	47
13.	Sulphates as SO ₄ ²⁻	mg/L	4500-SO ₄ ²⁻ .E	123	73	107	65
14.	Fluoride as F ⁻	mg/L	4500-F ⁻ .C	0.75	1.02	0.66	0.7
15.	Nitrates as NO ₃	mg/L	4500-NO ₃ ⁻ .B	0.8	1.6	2.15	2.6
16.	Nitrites as NO ₂	mg/L	4500-NO ₂ ⁻ .B	BDL	BDL	BDL	BDL
17.	Total Phosphates	mg/L	4500-P-D	BDL	BDL	BDL	BDL
18.	Ammonical Nitrogen as NH ₃ -N	mg/L	4500-NH ₃ -C	BDL	BDL	BDL	BDL
19.	Phenolic compounds as C ₆ H ₅ OH	mg/L	5530-D	BDL	BDL	BDL	BDL
20.	Oil & Grease	mg/L	5520. B	<1	<1	<1	<1
21.	Carbonates as CO ₃	mg/L	2320. B	Nil	Nil	Nil	Nil
22.	Bi-carbonates as HCO ₃	mg/L	2320. B	242	210	295	245
23.	Fecal Coliforms	MPN/100mL	9221 E	33	14	46	11

S. No	Parameters	Unit	Test Method	SW-1 Godavari River Upstream		SW-2 Godavari River Downstream	
				1 st Quarter	2 nd Quarter	1 st Quarter	2 nd Quarter
24.	Zinc as Zn	mg/L	3120. B	0.12	0.21	0.09	0.13
25.	Iron as Fe	mg/L	3120. B	0.36	0.47	0.47	0.32
26.	Arsenic as As	mg/L	3120. B	BDL	BDL	BDL	BDL
27.	Lead as Pb	mg/L	3120. B	BDL	BDL	BDL	BDL
28.	Cadmium as Cd	mg/L	3120. B	BDL	BDL	BDL	BDL
29.	Total Chromium as Cr	mg/L	3120. B	BDL	BDL	BDL	BDL
30.	Nickel as Ni	mg/L	3120. B	BDL	BDL	BDL	BDL
31.	Copper as Cu	mg/L	3120-B	BDL	BDL	BDL	BDL
32.	Selenium as Se	mg/L	3120-B	BDL	BDL	BDL	BDL

S. No	Parameters	Unit	Test Method	SW-5 Indaram Tank		SW-6 Shettipalli Tank	
				1 st Quarter	2 nd Quarter	1 st Quarter	2 nd Quarter
1.	Colour	Hazen	2120. B	5	10	5	10
2.	Odour	TON	2150. B	No odour observed	No odour observed	No odour observed	No odour observed
3.	Temperature	°C	2550. B	25	27	25	27
4.	Turbidity	NTU	2130. B	1.32	1.26	1.42	1.32
5.	Total Dissolved Solids at 180° C	mg/L	2540.C	588	505	425	527
6.	Total Suspended Solids at 105° C	mg/L	2540. D	26	24	20	27
7.	Chemical Oxygen Demand	mg/L	5220. B	48	32	32	36
8.	Calcium as Ca	mg/L	3500-Ca.B	50	40	64	34
9.	Magnesium as Mg	mg/L	3500-Mg.B	30	22	28	35
10.	Sodium as Na	mg/L	3500-Na.B	112	104	41	97

S. No	Parameters	Unit	Test Method	SW-5 Indaram Tank		SW-6 Shettipalli Tank	
				1 st Quarter	2 nd Quarter	1 st Quarter	2 nd Quarter
11.	Potassium as K	mg/L	3500-K.B	5.4	6.5	6.3	11.4
12.	Chlorides as Cl ⁻	mg/L	4500-Cl.B	145	147	90	100
13.	Sulphates as SO ₄ ²⁻	mg/L	4500-SO ₄ ²⁻ .E	82	67	47	34
14.	Fluoride as F ⁻	mg/L	4500-F.C	0.24	0.4	0.4	1.2
15.	Nitrates as NO ₃	mg/L	4500-NO ₃ .B	3.7	6.1	2.6	3.8
16.	Nitrites as NO ₂	mg/L	4500-NO ₂ .B	BDL	BDL	BDL	BDL
17.	Total Phosphates	mg/L	4500-P-D	BDL	BDL	BDL	BDL
18.	Ammonical Nitrogen as NH ₃ -N	mg/L	4500-NH ₃ -C	BDL	BDL	BDL	BDL
19.	Phenolic compounds as C ₆ H ₅ OH	mg/L	5530-D	BDL	BDL	BDL	BDL
20.	Oil & Grease	mg/L	5520. B	<1	<1	<1	<1
21.	Carbonates as CO ₃	mg/L	2320. B	Nil	Nil	Nil	Nil
22.	Bi-carbonates as HCO ₃	mg/L	2320. B	250	175	235	335
23.	Fecal Coliforms	MPN/100mL	9221 E	23	46	21	23
24.	Zinc as Zn	mg/L	3120. B	0.12	0.16	0.15	0.08
25.	Iron as Fe	mg/L	3120. B	0.48	0.35	0.37	0.42
26.	Arsenic as As	mg/L	3120. B	BDL	BDL	BDL	BDL
27.	Lead as Pb	mg/L	3120. B	BDL	BDL	BDL	BDL
28.	Cadmium as Cd	mg/L	3120. B	BDL	BDL	BDL	BDL
29.	Total Chromium as Cr	mg/L	3120. B	BDL	BDL	BDL	BDL
30.	Nickel as Ni	mg/L	3120. B	BDL	BDL	BDL	BDL
31.	Copper as Cu	mg/L	3120-B	BDL	BDL	BDL	BDL
32.	Selenium as Se	mg/L	3120-B	BDL	BDL	BDL	BDL

Physico-Chemical, Bacteriological Characteristics of Groundwater Collected within the Study Area

Organoleptic and Physical Parameters

S. No.	Parameters	Unit	Test Method	IS: 10500 Requirement (Acceptable Limit)	IS: 10500 Permissible Limit in the absence of alternate source	RESULT			
						GW-5 Nizamabad Village		GW-6 Shettipalli Village	
						1 st Quarter	2 nd Quarter	1 st Quarter	2 nd Quarter
1.	Colour	Hazen	2120. B	5	15	5	<5	5	<5
2.	Odour	TON	2150. B	Agreeable	Agreeable	Agree.	Agree.	Agree.	Agree.
3.	pH	-	4500-H+B	6.5 to 8.5	No relaxation	7.5	7.0	7.1	7.2
4.	Taste	FTN	2160. B	Agreeable	Agreeable	Agree.	Agree.	Agree.	Agree.
5.	Turbidity	NTU	2130. B	1	5	0.35	0.3	0.18	0.12
6.	Total Dissolved Solids at 180°C	mg/L	2540.C	500	2000	590	455	832	630

General Parameters Concerning Substances Undesirable in Excessive Amounts

S. No.	Parameters	Unit	Test Method	IS: 10500 Requirement (Acceptable Limit)	IS: 10500 Permissible Limit in the absence of alternate source	RESULT			
						GW-5 Nizamabad Village		GW-6 Shettipalli Village	
						1 st Quarter	2 nd Quarter	1 st Quarter	2 nd Quarter
1.	Calcium as Ca	mg/L	3500-Ca.B	75	200	60	26	90	58
2.	Magnesium as Mg	mg/L	3500-Mg.B	30	100	42	56	65	43
3.	Chlorides as Cl-	mg/L	4500-Cl-.B	250	1000	100	146	158	149
4.	Sulphates as SO42-	mg/L	4500-SO42-.E	200	400	31	25	105	92
5.	Fluoride as F-	mg/L	4500-F.C	1.0	1.5	0.84	0.91	0.75	0.50
6.	Nitrates as NO3	mg/L	4500-NO3-.B	45	No relaxation	19	10	32	40
7.	Total Alkalinity as CaCO3	mg/L	2320. B	200	600	395	215	440	236

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8.	Total Hardness as CaCO ₃	mg/L	2340. C	200	600	323	296	492	322
9.	Sulphide as H ₂ S	mg/L	4500-S2-F&D	0.05	No relaxation	BDL	BDL	BDL	BDL
10.	Total Ammonia-N	mg/L	IS 3025 (Part 34)	0.5	No relaxation	BDL	BDL	BDL	BDL
11.	Phenolic compounds as C ₆ H ₅ OH	mg/L	5530-D	0.001	0.002	BDL	BDL	BDL	BDL
12.	Residual free chlorine	mg/L	4500-Cl-.B	0.2	1.0	BDL	BDL	BDL	BDL
13.	Mineral oil	mg/L	IS:3025 (part 39)	0.5	No relaxation	absent	absent	absent	absent
14.	Anionic Detergents (as MBAS)	mg/L	IS:13428:2005	0.2	1.0	<0.2	<0.2	<0.2	<0.2
15.	Aluminium as Al	mg/L	3120-B	0.03	0.2	0.06	BDL	0.05	BDL
16.	Barium as Ba	mg/L	3120. B	0.7	No relaxation	0.16	0.26	0.24	0.31
17.	Boron as B	mg/L	3120-B	0.5	1.0	0.07	0.14	0.1	0.11
18.	Iron as Fe	mg/L	3120-B	1.0	No relaxation	0.45	0.58	0.37	0.66
19.	Zinc as Zn	mg/L	3120-B	5	15	0.13	0.15	0.09	0.23
20.	Copper as Cu	mg/L	3120-B	0.05	1.5	BDL	BDL	BDL	BDL
21.	Manganese as Mn	mg/L	3120-B	0.1	0.3	BDL	BDL	BDL	BDL
22.	Selenium as Se	mg/L	3120-B	0.01	No relaxation	BDL	BDL	BDL	BDL
23.	Silver as Ag	mg/L	3120. B	0.1	No relaxation	BDL	BDL	BDL	BDL

Parameters Concerning Toxic Substances

S.No	Parameters	Unit	Test Method	IS: 10500 Requirement (Acceptable Limit)	IS: 10500 Permissible Limit in the absence of alternate source	RESULT			
						GW-5		GW-6	
						Nizamabad Village	Shettipalli Village	1 st Quarter	2 nd Quarter
1.	Cadmium as Cd	mg/L	3120-B	0.003	No relaxation	BDL	BDL	BDL	BDL
2.	Cyanide as CN-	mg/L	4500-CN-F	0.05	No relaxation	BDL	BDL	BDL	BDL
3.	Lead as Pb	mg/L	3120-B	0.01	No relaxation	BDL	BDL	BDL	BDL

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4.	Molybdenum as Mo	mg/L	3120. B	0.07	No relaxation	BDL	BDL	BDL	BDL
5.	Nickel as Ni	mg/L	3120-B	0.02	No relaxation	BDL	BDL	BDL	BDL
6.	Total Arsenic as As	mg/L	3120-B	0.01	0.05	BDL	BDL	BDL	BDL
7.	Total Chromium as Cr	mg/L	3120-B	0.05	No relaxation	BDL	BDL	BDL	BDL
8.	Mercury as Hg	µg/L	3500-Hg.B	0.001	No relaxation	BDL	BDL	BDL	BDL
9.	Pesticides: α-BHC, β-BHC, γ-BHC, δ-BHC, o, p-DDT, p, p' -DDT, Endosulfan, β- Endosulfan, Aldrin, Dieldrin	µg/L	6630. D	Absent	0.001	ND	ND	ND	ND
	2,4-D, Carbaryl (Carbonate) Malathion Methyl Parathion Anilophos, Chloropyriphos	Qualitative analysis	6630. D	Absent	0.001	ND	ND	ND	ND
10.	Polyaromatic Hydrocarbons (PAH's): Acenaphthene, Acenaphthylene, Anthracene, B(a)A, B(a)P, B(b)F, B(k)F, Pyrene, Dibenz (a,h) anthracene, Fluoranthene, Fluorene, Indeno (1,2,3-(d) Pyrene, Naphthalene, Phenanthrene, Pyrene, Methyl Naphthalene	µg/L	6440.C	--	--	ND	ND	ND	ND

Bacteriological Quality of Drinking water

S. No.	Parameters	Unit	Test Method	IS: 10500 Requirement (Acceptable Limit)	IS: 10500 Permissible Limit in the absence of alternate source	RESULT			
						GW-5		GW-6	
						Nizamabad Village		Shettipalli Village	
						1 st Quarter	2 nd Quarter	1 st Quarter	2 nd Quarter
1	Total Coliforms	MPN/100 mL	9221B	-	-	<1.8	<1.8	<1.8	<1.8
2	Fecal Coliforms	MPN/100 mL	9221 E	-	-	<1.8	<1.8	<1.8	<1.8

NTU – Nephelometric Turbidity Unit; BDL – Below Detection Limit

Detection Limits of Aluminium (Al), Antimony (Sb), Arsenic (As), Barium (Ba), Boron (B), Cadmium (Cd), Chromium (Cr)/Total Chromium, Cobalt (Co), Copper (Cu), Iron (Fe), Lead (Pb), Magnesium (Mg), Manganese (Mn), Molybdenum (Mo), Nickel (Ni), Nickel (Ni), Selenium (Se), Silver (Ag), Vanadium (V), Zinc (Zn), Phenols is 0.01mg/L. Detection Limit of Mercury (Hg), Phosphates/Total Phosphates, Nitrites NO₂, Free Ammonia, Total Ammonia is 0.02mg/L. Detection Limits of Potassium (K), Sodium (Na) is 0.03mg/L. Detection Limits of Cyanide (CN), Sulfide (S₂), Hexavalent Chromium Cr+6 is 0.05mg/L. Detection Limits of Nitrates as NO₃, Fluoride is 0.1mg/L. Detection Limits of Residual Free chlorine, Free Available chlorine, O&G is 1mg/L. Detection Limits of Sulfate SO₄²⁻, Ammonical Nitrogen, Total Kjeldahl Nitrogen (TKN), COD, Total Nitrogen (TN) is 5mg/L. BOD-3mg/L. ND-Not Detected; Detection Limit: Pesticides– 0.1 ppm; PAHs – 1 ppm.

Annexure- X**Summary of Noise Levels**

Location Code	Monitoring stations	Standard limits of Noise		April, 1 st Fortnight			April, 2 nd Fortnight		
				Noise levels in dB (A)					
Core Zone		Day time	Night Time	Date of sampling	Leq Day	Leq Night	Date of sampling	Leq Day	Leq Night
CN9	Indaram I A incline	75	70	08.04.2025	46.8	36.0	22.04.2025	50.8	40.5

Location Code	Monitoring stations	Standard limits of Noise		May, 1 st Fortnight			May, 2 nd Fortnight		
				Noise levels in dB (A)					
Core Zone		Day time	Night Time	Date of sampling	Leq Day	Leq Night	Date of sampling	Leq Day	Leq Night
CN9	Indaram I A incline	75	70	09.05.2025	55.3	46.5	23.05.2025	46.8	37.2

Location Code	Monitoring stations	Standard limits of Noise		June, 1 st Fortnight			June, 2 nd Fortnight		
				Noise levels in dB (A)					
Core Zone		Day time	Night Time	Date of sampling	Leq Day	Leq Night	Date of sampling	Leq Day	Leq Night
CN9	Indaram I A incline	75	70	09.06.2025	55.3	43.7	23.06.2025	51.6	41.4

Location Code	Monitoring stations	Standard limits of Noise		July, 1 st Fortnight			July, 2 nd Fortnight		
				Noise levels in dB (A)					
Core Zone		Day time	Night Time	Date of sampling	Leq Day	Leq Night	Date of sampling	Leq Day	Leq Night
CN9	Indaram I A incline	75	70	09.07.2025	50.3	39.4	23.07.2025	48.5	37.7

Location Code	Monitoring stations	Standard limits of Noise		August, 1 st Fortnight			August, 2 nd Fortnight		
				Noise levels in dB (A)					
Core Zone		Day time	Night Time	Date of sampling	Leq Day	Leq Night	Date of sampling	Leq Day	Leq Night
CN9	Indaram I A incline	75	70	08.08.2025	45.6	38.9	25.08.2025	45.6	37.4

Location Code	Monitoring stations	Standard limits of Noise		September, 1 st Fortnight			September, 2 nd Fortnight		
				Noise levels in dB (A)					
Core Zone		Day time	Night Time	Date of sampling	Leq Day	Leq Night	Date of sampling	Leq Day	Leq Night
CN9	Indaram I A incline	75	70	09.09.2025	42.4	36.8	24.09.2025	52.4	38.4

Note: 1. Daytime is reckoned in between 6 a.m and 10 p.m

2. Night time is reckoned in between 10 p.m and 6 a.m

S.No	Place/Area to be illuminated	Illumination Report for the period April-2025 to September-2025.											
		April-2025		May-2025		June-2025		July-2025		August-2025		September-2025	
		Minimum illumination in Lux	Measured illumination Levels in Lux	Minimum illumination in Lux	Measured illumination Levels in Lux	Minimum illumination in Lux	Measured illumination Levels in Lux	Minimum illumination in Lux	Measured illumination Levels in Lux	Minimum illumination in Lux	Measured illumination Levels in Lux	Minimum illumination in Lux	Measured illumination Levels in Lux
1	2	3	4	5	6	7	8	9	10	11	12	13	14
1.	At every shaft landing and shaftbottom/siding which is in regular use	NA						NA					
2.	Manriding-I & Manriding-II Embarking and dis embarking stations,N8 Panel,S1 Panel Travelling roadways	10H 10V	18H 20V		18H 18V		22H 30V		23H 30V		19H 19V		20H 20V
3.	Haulage roadway junctions(MID,13D,15D,30D,38D,3L& 8L endless)	30H	40H		32H		45H		45H		45H		40H
4.	At every places of loading (Tramming Levels) and unloading(Tippers at Surface bank head)	30H 20V	35H 25V		39H 22V		38H 24V		38H 23V		40H 25V		36H 26V
5.	At every room and place containing any engine, motor or other apparatus in regular use(150HP surface Hauler room,2R/-4L 87HP Hauler room,13R,15R,30R,38R Hauler places&).	30H	35H		38H		45H		40H		40H		39H
6.	Working faces and goaf edges of depillaring panels (3S/N8 &3S/S1 depillaring panels)	20H 30V	24H 35V		21H 31V		23H 32V		26H 33V		24H 34V		23H 32V
7.	Man Way & MID	15H	22H		25H		20H		18H		20H		19H
8.	Pumping Station (7LN/2D/3S,5LN/31DS,40D/15L/3S,S urface 300HP,7D/15AL/4S)	30H	38H		28H		42H		40H		38H		40H
9.	Area under Filling/Stowing	10H	14H		16H		13H		15H		14H		13H

10.	Conveyors												
	1.Transfer points and drive/tail end area	40H	42H		43H		44H		41H		40H		46H
	2.along conveyor												
11.	Hand picking points	50H	52H		54H		53H		55H		50H		52H
12.	Loco charging station	NA											
13.	Underground garage/workshop	NA											
14.	1)Electrical Substations(- 4LS/2D/3S,7D/3U/3S,0LN/2D/3S,8LN/ 2D/3S,3LN/13D/3S,9LN/38D/3S,11LN/ 7D/4S,12LS/37XD/3S,7LN/53XD/3S)	100H 50V	76H 50V		105H 60V		112H 45V		115H 64V		115H 60V		110H 43V
	2)Other places of operations of electrical apparatus /equipment	20H 20V	28H 26V		32H 25V		30H 28V		26H 30V		26H 26V		25H 28V
15.	At every First-Aid Station (12LN/37XD/3S,5LN/14D/3S,10LN/51 XD/3S& At Surface)	50H	55H		53H		50H		56H		55H		52H
16.	Miners station/rest shelter (- 2LS/CD/3AS,5LN/14D/3S,11LS/33XD/ 3S,12LN/37XD/3S,10LN/51XD/3S)	25H	30H		30H		36H		40H		39H		30H
17.	Coal handling plant												
	1)places of crushing, screening segregation and loading/un loading	NA											
	2)operation points												
	3)other places(in general)												

18.	Workshop at surface	NA											
19.	General working areas as determined by the manager in writing 1. Bit grinder room, Black smith shed, Bankhead shed, Test Bench, Canteen, Lamp room, manway office, Rest station and Temple premises.	10H	13H		12H		14H		12H		15H		14H


Manager(Oprns)
IK-1A Incline,
Manager (Operations)
IK-1A INCLINE



The Singareni Collieries Company Limited

Secretarial Department

Ref. No: CRP / CS / 054 / 889

Date: 23.11.2011.

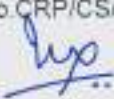
GM (Environment)

The extract of Minute No.505:5:4 of Board of Directors meeting held on 11.11.2011 at Hyderabad is furnished below:

Sub: Environmental Policy of SCCL.

- 5:4. The Board considered the note placed before it. After deliberation the Board accorded approval to the Environmental Policy of SCCL and its objectives as brought out in the note placed before it.

Action taken/ status of implementation on each point of the above minute may be intimated to the undersigned at the earliest as per the guidelines issued by the C&MD vide circular No.CRP/CS/58/200 dt.22.3.2002 for apprising the same to the Board in the next meeting.


GM (C.A) &
Company Secretary

CORPORATE ENVIRONMENTAL RESPONSIBILITY

1. ENVIRONMENTAL POLICY OF SCCL

The Environmental policy and its objectives have been approved by SCCL Board of Directors on 11.11.2011 and copy of Board minute is enclosed as **Annexure**.

Policy:

“To be a role model in protection of environment for sustainable development, SCCL is committed to implement the best global practices in all its operations through prevention / mitigation of pollution, proper disposal / recycling of wastes and bringing awareness among all the stakeholders for continual improvement in environmental performance”

Objectives:

- To take account of environment concerns in planning and decision-making.
- Compliance of conditions imposed in Environmental Clearance, Forestry Clearance, CFE, CFO and other statutory clearances issued by regulatory agencies.
- To prevent pollution of surrounding habitation by continuous monitoring and measurement of Environmental parameters.
- Identification of significant impacts and preparation of environment management systems for implementation at mines / units.
- To reclaim the mined out areas concurrent to mining operations and take suitable measures for conservation of adjacent forests, wildlife and bio-diversity.
- To reduce waste generation and promote recycling of materials, wherever possible.
- Optimum utilization of resources i.e. Electricity, Oil and Water.
- To take up developmental works in surrounding villages as a part of corporate social responsibility.
- To provide appropriate training and disseminate information to enable all the employees to accept individual responsibility for environment protection, implement best practices and work in partnership to create a culture of continual improvement.

Guidelines for implementation of environmental policy of SCCL

For effective implementation of environmental policy and its objectives, necessary guidelines and targets will be framed from time to time. Initially, certain guidelines have been framed in different facets of environmental management for bringing uniformity in planning, execution and monitoring systems thereby ensuring environmentally sustainable coal mining operations).

In order to fulfil the objectives of Environmental Policy, the following guidelines have been framed in different facets of environmental management for bringing uniformity in planning, execution and monitoring systems thereby ensuring environmentally sustainable coal mining operations.

The Environmental Policy, objectives and guidelines were circulated to all the mines, departments and other units for implementation. Also, necessary arrangements were made for display of the same at the conspicuous places for bringing awareness among the employees of SCCL.

Guidelines for implementation of Environmental Policy

Sources / Activities	Recommended control measures
A. Planning of New / Expansion Projects	
1. Planning	<ul style="list-style-type: none">i. Due care shall be taken in addressing all the environmental issues while formulating a project proposal.ii. It shall be ensured at the planning stage itself that forest lands, high-yielding agricultural lands, habitations, water bodies shall be avoided for location of dump sites.iii. Conservation of ecologically sensitive areas, if any, located near the project area shall be given due consideration.iv. EIA/EMP shall be prepared with proper environmental safeguards along with sufficient fund provision.
B. Air Pollution Control	
1. Drilling	<ul style="list-style-type: none">i. Wet drilling mechanism shall be adopted.

Sources / Activities	Recommended control measures
2. Blasting	<p>v. Blasting in Opencast Mines shall be conducted during favourable weather conditions using NONELs with proper design of blasthole geometry & optimum quantity of explosives.</p> <p>vi. Use of delay detonators shall be adopted in underground mines in order to reduce ground vibrations.</p> <p>vii. Blast site shall be wetted before and after blasting.</p>
3. HEMM	<p>i. Regular Maintenance of all Diesel operated HEMMs shall be done as per the manufacturer's schedule for effective control of exhaust emissions.</p>
4. Haul Roads	<p>i. All service roads shall be metalled and well maintained.</p> <p>ii. All haul roads and service roads shall be regularly sprayed with water.</p> <p>iii. Plantation shall be done alongside the haul and service roads.</p>
5. Over Burden	<p>i. Inoperative dumps shall be subjected to technical and biological reclamation.</p> <p>ii. Plantation shall be done over and around OB dumps to ensure stability of slopes and prevention of dust generation by wind action.</p>
6. Coal Handling	<p>i. Crusher house and belt conveyors shall be enclosed and mist spray arrangement installed at all receiving points, transfer points, Ground bunkers and loading points.</p> <p>ii. Plantation shall be done all around the Coal Handling Plant (CHP).</p>
7. Coal Transport	<p>i. Wherever feasible, transportation outside the ML area will be by rail / conveyor system</p>

Sources / Activities	Recommended control measures
	<ul style="list-style-type: none"> ii. The width of transportation road shall be designed in such a way that no vehicle shall ply on the unpaved road. iii. Coal Transport trucks shall be optimally loaded and covered with tarpaulin for preventing spillage during transportation.
C. Water Pollution Control	
1. Surface	<ul style="list-style-type: none"> i. Garland drains shall be made around quarry and OB dumps to collect run off water and siltation points of sufficient size shall be provided for collection of silt. ii. OB dump run off to be desilted through settling tanks before discharge into natural streams. Contour drains to be constructed along the slopes of OB dumps. iii. Toe walls to be constructed around the OB dump with boulders collected from OB material. iv. A berm with dimensions of not less than two metres height and 2 metres width at the top shall be made in trapezium shape all along the edge of each deck to prevent erosion of dumps and gully formation. v. The terrace shall be kept free of obstructions (OB heaps), sloped in bye and maintained with uniform gradient for free flow of water in order to avoid accumulation of water leading to gully formation and dump slides. vi. The coal washery should adopt proven internationally accepted technology of continuous operating and with zero effluent discharge system.
2. Mine Water	<ul style="list-style-type: none"> i. Mine water shall be treated in filter beds for domestic consumption. Excess mine water shall be treated in settling ponds before discharging in to natural streams.

Sources / Activities	Recommended control measures
3. Workshop and CHP	<ul style="list-style-type: none"> i. Effluent coming out from workshops shall be treated in an Effluent Treatment Plant containing an oil / grease trap and sedimentation tank. The treated water is to be stored and reused in the workshop itself. ii. ETP shall be constructed for treating CHP effluents and adoption of closed water circuit in CHP shall be adopted thereby ensuring zero discharge.
4. Domestic Effluent	<ul style="list-style-type: none"> i. In isolated building or housing complexes septic tanks and soak pits to be provided. ii. In large townships, complete sewerage system including sewage treatment facilities shall be adopted. iii. Community and service building shall be provided with adequate sewage treatment facilities.
5. Hazardous and Bio-medical wastes	<ul style="list-style-type: none"> i. Hazardous wastes like used oil with barrels, waste oil with barrels, used transformer oil with barrels, scrapped batteries, iron scrap, copper cables, scrapped cap lamp accumulators, empty oil and grease drums shall be handled and disposed off in accordance with the procedure laid down in HWM Rules. ii. Used oil, spent oil, batteries and copper cables shall be disposed off to the recyclers having valid registration from CPCB/APPCB for recycling or recovery, whereas the empty oil and grease barrels shall be detoxified prior to their disposal to outside agencies. iii. Bio-medical wastes shall be handled and disposed off as per the latest guidelines issued by MoEF.
D. Noise Pollution Control	
1. Drilling	<ul style="list-style-type: none"> i. Controlled blasting methods with proper spacing, burden and stemming shall be adopted to get optimum results.

Sources / Activities	Recommended control measures
	ii. Blast holes should be judiciously charged to control noise and blast vibrations
2. HEMM	i. Providing of sound proof cabins for the workers deployed on machines producing higher levels of noise like dozers, shovels, dumpers, drills and feeder breakers etc. ii. The engine exhausts of HEMM to be fitted with mufflers. iii. HEMM to be properly maintained and operators to be provided with ear mufflers / ear plug. iv. Reducing the exposure time of workers to the higher noise levels shall be practiced.
3. CHP	i. Belt drive or roller drive systems shall be used instead of gear train system which results in considerable noise reduction.
4. Exhaust Fan in UG mines	i. The main mechanical ventilator shall be installed in acoustically designed enclosed chambers with evasee. ii. Thick green belt shall be developed around the fan house for attenuation of noise.
E. Energy / Water Conservation Measures	
1. Electricity	i. CFLs and energy efficient appliances shall be used at mines, allied units and colonies. ii. Efforts shall be made for utilization of renewal sources of energy like solar and wind power.
2. Oil	i. Periodical maintenance of vehicles including fine tuning of engines shall be done to improve their fuel efficiency. ii. Leakage and spillage of oils during transport and usage shall be avoided.
3. Water	i. Wastage of water resulting from leakages through

Sources / Activities	Recommended control measures
	<p>distribution pipelines and overflow from overhead tanks shall be arrested.</p> <p>ii. Summer storage tanks shall be constructed in all the mining areas for rain water harvesting and augmentation of ground water recharge.</p>
F. Land Management	
1. Top soil	<p>i. Top soil shall be stacked at earmarked place and shall be used only in reclamation of OB dumps.</p> <p>ii. Top soil shall invariably be removed from the site allocated for external dumping of OB material, to conserve precious natural resource and ensure better stability of dumps.</p>
2. Reclamation	<p>i. Reclamation of mined out areas including external OB dumps and back filled areas shall be taken up concurrent with progress of mining operations as per the EMP.</p> <p>ii. Native species shall be selected for dump plantation in order to achieve better survival rate.</p> <p>iii. The voids left over after cessation of mining operations shall be converted in to water bodies.</p>
3. Subsidence Management	<p>i. The cracks / pot holes formed on surface as a result of subsidence due to UG mining shall be filled with OB material and compacted.</p> <p>ii. Garland drains shall be provided around the subsidence areas to avoid inrush of water in to Underground workings.</p>
4. Green Belt Development	<p>i. Extensive plantation shall be taken up in colonies, vacant lands, degraded forest lands and surface area of UG mines.</p>

Sources / Activities	Recommended control measures
	<ul style="list-style-type: none"> ii. Gap plantation shall be taken up wherever the survival rate is poor. iii. Avenue plantation shall be taken up alongside the roads.
G. Environmental Monitoring	
1. Environmental Monitoring for pollution mitigation	i. Monitoring of ambient air quality, ground & surface water quality, effluent discharge quality, noise & blast vibrations, phreatic surface levels, subsidence, HEMM exhaust emissions shall be carried out as per the stipulated norms and corrective measures shall be taken for mitigation of pollution.
2. Satellite surveillance	i. Satellite surveillance of all opencast mines shall be carried out once in three years for change detection analysis in land use / land cover in core and buffer zone of the project.
H. Environmental Awareness	
1. Environmental Awareness	<ul style="list-style-type: none"> i. Environmental awareness programmes shall be conducted in all mining areas to bring awareness among the employees regarding the environmental policy, its objectives and measures to be taken to safeguard the environment. ii. Awareness programmes shall be conducted on energy, oil and water conservation. iii. Awareness shall be created in the employees and general public on the ill-effects of plastics usage and educate them to use alternatives.

2. STANDARD OPERATING PROCEDURE TO BRING IN TO FOCUS DEVIATIONS/ VIOLATIONS OF ENVIRONMENTAL OR FOREST NORMS/CONDITIONS

At Project Level

An Environment Management Committee (EMC) is constituted at the project level consisting of following members to monitor the implementation of EMP and other environmental protection measures.

- i. Project Officer
- ii. Staff Officer to General Manager
- iii. Area Environmental Officer
- iv. Area Forestry Officer
- v. Area Civil Engineer
- vi. Regional Hydro-geologist
- vii. Area Survey Officer

Functions of Project level EMC:

- Monitoring of Environmental safeguards
- Compliance of conditions stipulated in Environmental Clearance, Forest Clearance (if Forestland involved in the project), Wildlife Clearance (if applicable), Consent for Establishment and Operation issued under Air (Prevention and Control of Pollution) Act 1981 and Water (prevention and Control of Pollution) Act 1974, Hazardous Waste (Management, Handling & Transboundary Movement) Rules 2008 , Ground water Clearance, No Objections Certificates (NoCs) from any other department, etc.
- Review of the compliance of above conditions during periodical review meetings
- Reporting of non-compliances and action plan for rectification to the Area General Manger and General Manager (Environment).

Corporate level

General Manager (Environment) and his team of officers from Corporate Environment Department will periodically inspect the projects for monitoring the implementation of EMP, EC conditions, CFE & CFO conditions and environmental status of the project surroundings and give necessary guidelines to the project authorities in case of any deviation in the compliance of clearance conditions. Corporate Environment Department will also appraise the higher authorities in case of major violation/ deviations in compliance of environmental norms/ conditions.

3. HIERARCHICAL SYSTEM OF THE COMPANY TO DEAL WITH ENVIRONMENTAL ISSUES AND FOR ENSURING COMPLIANCE WITH EC CONDITIONS

Project Officer /Agent, in-charge of the Opencast / Underground Mine is responsible for implementation of the approved EMP and various conditions of EC, FC and CFO. Area Environmental Officer will assist the Project Officer /Agent in ensuring the compliance of conditions. Area General Manager is responsible for compliance of norms in all the mines falling under his jurisdiction.

General Manager (Environment) will monitor the compliance of environmental norms in all the areas of SCCL. Chief General Manager (Corporate Planning & Projects) will be reviewing the environmental issues for ensuring compliance of norms/conditions. Director (Planning & Projects) and Director (Operations), who are the members of the SCCL Board of Directors, will review the overall compliance of statutory norms in the organization.

4. SYSTEM OF REPORTING NON-COMPLIANCES/VIOLATIONS OF ENVIRONMENTAL NORMS TO THE BOARD OF DIRECTORS AND/OR SHAREHOLDERS OR STAKEHOLDERS

Environmental Management Committee will monitor the implementation of environmental norms/conditions and reports any deviations to the concerned Project Officer. The Project Officer will take suitable corrective measures with the guidance of Area Environmental Officer. The non-compliances, if any, which require the intervention of higher authorities will be brought to the notice of Area General Manager. The Area General Managers will inform the deviations / non-compliances to Corporate Environment Department and concerned Functional Director.

Corporate Environment Department is headed by General Manager (Environment) who works directly under GM (CP&P) who in turn reports to Director (Planning & Projects). Regular review meetings will be conducted by Director (Planning & Projects) for reviewing the compliance of EC/FC/CFO conditions. In addition to the above, General Manager (Environment) will periodically appraise non-compliance of EC conditions to GM (CP&P). GM (CP&P) will appraise these issues to Director (Planning & Projects) and Director (Operations), the members of the SCCL Board of

Directors, who in turn will appraise to Chairman & Managing Director of the company.

Revenue Expenditure incurred on Environment Management and Pollution Control Measures:

Sl. No	Expenditure Head	Revenue Expenditure (in Rs.)		
		Up to 2024-25	2025-26 (apr-sep)	Total
I	Air pollution (Prevention & control)	394591.3	770286.4	1164878
II	Water pollution (Prevention & Control)	326380.92	489949.8	816330.7
III	Land development	0	0	0
IV	Plantation	277035	0	0
V	Equipment for maintenance of environment protection	0	0	0
VI	Consultancy payments	0	0	0
VII	OB Reclamation / Subsidence management	0	0	0
VIII	Environment awareness / Environment education	4500	3000	7500
IX	Noise & Blasting vibration	86418.09	11531.5	97949.59
X	Others	0	0	0
	Total	1088925.3	1274767	2363693

Namasthe Telangana Telugu (23.11.2022).

THE HANS INDIA

The Singareni Collieries Company Limited
(A Government Company)
Regd. Office: KOTHAGUDEM-507101, Telangana.

PUBLIC NOTICE

It is to notify that Environmental Clearance has been granted by Ministry of Environment, Forest & Climate Change (Issued by the State Environment Impact Assessment Authority (SEIAA), Telangana) for Indaram Khani - 1A Incline, Underground Coal Mining project (violation category) of Singareni Collieries Company Limited, located near Indaram Village, Jaipur Mandal, Mancherial District of Telangana State with a coal production capacity of 0.54 MTPA, in the project area of 182.78 Ha along with environmental conditions and safeguards, vide EC Identification No. EC22B042TG147963 and File No. SIA/TG/CMIN/79866/2017 dated 17.11.2022. This paper advertisement is being issued in compliance to condition No. 4.1(j) (i) of Environmental Clearance.

Accordingly, The Singareni Collieries Company Limited is now entitled to produce coal at a rated capacity of 0.54 MTPA in the existing mine under the name of Indaram Khani - 1A Incline, subject to the conditions mentioned therein.

A copy of the Environmental Clearance letter is available with Environmental Engineer, T.S. Pollution Control Board, Regional Office, Nizamabad, Door No. 6-2-166/A, Subhash Nagar, Nizamabad - 503002. The Environmental Clearance letter can also be seen on the Website of MoEF&CC at "shorturl.at/cwEMO" and on the website of SCCL at "http://scclmines.com/env/".

Further, in compliance to the condition No. 4.1(j)(ii), copies of the Environmental Clearance (EC) letter will be submitted to the Heads of Local Bodies, Panchayats & Municipal Bodies for displaying the same for a period of 30 days.

(Director)
(Planning & Projects)

PR/2022-23/CRP/ENV/60 DIPR R.O. No. : 963-PP/CL-AGENCY/ADVT/1/2022-23

23/11/2022 HPC/KR/ADVT/1/93

The Hans India English (23.11.2022).

THE HANS INDIA

The Singareni Collieries Company Limited
(A Government Company)
Regd. Office: KOTHAGUDEM-507101, Telangana.

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(Director)
(Planning & Projects)

PR/2022-23/CRP/ENV/60 DIPR R.O. No. : 963-PP/CL-AGENCY/ADVT/1/2022-23

23/11/2022 HPC/KR/ADVT/1/93



THE SINGARENI COLLIERIES COMPANY LIMITED
(A GOVERNMENT COMPANY)
Environment Department – SRP Area
PO: Srirampur Colony-504 303, Dist. Mancherial, Telangana State



Registered Office
Kothagudem Collieries
Bhadradi Kothagudem Dist, Telangana State

Phone No: 08736 238617
Fax No : 08736 238222
email: gm_srp@sclmines.com

Ref.No: SRP/ENV/EC/2022/143

Date: 22.11.2022

To,

1. Member Secretary, T.S.Pollution Control Board, Board Office.A-3, Industrial Estate, Paryavarana Bhavan, Sanathnagar, Hyderabad-500018.
2. The Regional Office (SEZ), GoI, MoEF & CC 1st & 2nd Floor, Handloom Export, Promotional Council, 4th cathedral, Garden Road, Nungambakam, CHENNAI-500034.
3. The Director, Ministry of Environment, Forest and Climate Change, Integrated Regional Office, Hyderabad 3rd Floor, Aranya Bhavan, Opp. RBI, Saifabad, Hyderabad-500004.
4. The Collector & District Magistrate, Mancherial District.
5. The Environmental Engineer, T.S. Pollution Control Board, Regional Office, Nizamabad, Door No. 6-2-166/A, Subhash Nagar, Nizamabad-503002, Telangana State.
6. The Assistant Director, Mines & Geology, Mancherial District, T.S.
7. Municipal Commissioner, Municipality Office, Naspur, Mancherial Dist.
8. The Chief Executive Officer, Zilla Parishad Office, Mancherial District.
9. The General Manager, District Industries Centre, Mancherial District
10. The Tahsildar, Jaipur (M), Mancherial District.
11. Panchayath secretary, Gramapanchayath Office Indaram, Jaipur (M) Mancherial Dist.
12. Panchayath secretary, Gramapanchayath Office Tekumatla, Jaipur (M) Mancherial Dist.
13. Project Officer, IKOC-IK 1A Incline.

Sir,

Sub: Environment Clearance for Indaram Khani - 1A Incline, Underground Coal Mining Project with a coal production capacity of 0.54 MTPA, in the project area of 182.78 Ha. under violation category, located near Indaram Village, Jaipur Mandal, Mancherial District of Telangana State – Reg

Ref: EC Identification No.EC22B042TG147963 and
F.No. SIA/TG/CMIN/79866/2017, Dated: 17.11.2022.

Kind attention is invited to the subject under reference.

With reference to the subject cited, it is to informed that MoEF&CC (SEIAA, Telangana) has accorded Environmental Clearance (EC) for **Indaram Khani – 1A Incline, Underground Coal Mining Project**, with a coal production capacity of 0.54 MTPA, in the project area of 182.78 Ha. Under violation category located near Indaram Village, Jaipur Mandal, Mancherial District of Telangana State, vide letter cited under reference (copy enclosed).

As per **Condition No.4.1 (i) (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"



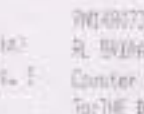


Hence, it is requested to kindly advise the concerned to display the same.


General Manager
Srirampur Area.
General Manager
SRIRAMPUR



Encl: EC Copy

ACKNOWLEDGEMENT

Received a copy of the Environmental clearance letter bearing F.No. SIA/TG/CMIN/79866/2017, dated 17.11.2022 pertaining to Indaram Khani 1A Incline underground project of M/s. Singareni Collieries Company Limited issued by Ministry of Environment & Forests and Climate Change, (SEIAA, Telangana)

S.No.	Name of the department	Signature & Stamp
1	O/o. Member Secretary, T.S.Pollution Control Board, Board Office.A-3, Industrial Estate, Paryavarana Bhavan, Sanathnagar, Hyderabad-500018.	 RN148073367DN IUR:8278148073367 RL SATHANPUR COLONY S.O (504302) Counter No:1,25/11/2022,14:02 To:MEMBER SECRETARY T.S.POLLUTION CB PIN:500018, Sanathnagar I E S.O From:GENERAL MANAGER,SECL Wt:0000 Wt:0000 (Cash) (Track on www.indiapost.gov.in) Dial: 18002668888 (Door Bells, Star Safe)
2	O/o. The Regional Office (SEZ),GoI,MoEF & CC 1 st & 2 nd Floor,Handloom Export, Promotional Council, 34 cathedral, Garden Road, Nungambakkam, CHENNAI-600034.	 RN148073367DN IUR:8278148073367 RL SATHANPUR COLONY S.O (504302) Counter No:1,25/11/2022,14:02 To:THE REGIONAL, GOI, MoEF & CC 1 PIN:500018, Nungambakkam MO From:GENERAL MANAGER,SECL Wt:0000 Wt:0000 (Cash) (Track on www.indiapost.gov.in) Dial: 18002668888 (Door Bells, Star Safe)
3	O/o. The Director, Ministry of Environment, Forest and Climate Change, Integrated Regional Office, Hyderabad 3 rd Floor, Aranya Bhavan, Opp. RBI,Saifabad, Hyderabad-500004.	 RN148073367DN IUR:8278148073367 RL SATHANPUR COLONY S.O (504302) Counter No:1,25/11/2022,14:02 To:THE DIRECTOR,MINISTRY OF ENV PIN:500004, Sharanabad H.O From:GENERAL MANAGER,SECL Wt:0000 Wt:0000 (Cash) (Track on www.indiapost.gov.in) Dial: 18002668888 (Door Bells, Star Safe)
4	O/o. The Collector & District Magistrate, Mancherial District.	
5	O/o. The Environmental Engineer, T.S. Pollution Control Board, Regional Office, Nizamabad, Door No. 6-2-166/A, Subhash Nagar, Nizamabad-503002, Telangana State.	 RN148073367DN IUR:8278148073367 RL SATHANPUR COLONY S.O (504302) Counter No:1,25/11/2022,14:02 To:THE ENVIRONMENTAL ENGINEER S.O PIN:503002, Subhashnagar S.O From:GENERAL MANAGER,SECL Wt:0000 Wt:0000 (Cash) (Track on www.indiapost.gov.in) Dial: 18002668888 (Door Bells, Star Safe)

6	O/o. The Assistant Director, Mines & Geology, Mancherial Distric, T.S.	
7	O/o. Muncipal Commissioner, Municipality Office, Naspur, Mancherial Dist.	
8	O/o. The Chief Executive Officer, Zilla Parishad Office, Mancherial District.	
9	O/o. The General Manager, District Industries Centre, Mancherial District.	

10	O/o. The Tahsildar, Jaipur (M), Mancherial District.	 OFFICE OF THE TAHSILDAR Jaipur, Dist. Mancherial
11	O/o. Panchayath secretary, Gramapanchayath Office Indaram, Jaipur (M) Mancherial Dist.	 
12	O/o. Panchayath secretary, Gramapanchayath Office Tekumatla, Jaipur (M) Mancherial Dist.	 
13	O/o. Project Officer, IKOC-1A Incline.	 



THE SINGARENI COLLIERIES COMPANY LIMITED

(A GOVERNMENT COMPANY)

Registered Office

Kothagudem Collieries (P.O) - 507 101, Bhadrachalam Dist, Telangana State

CIN: U10102TG1920SGC000571

Environment Dept., Srirampur Area

PO: Srirampur Colony-504 303, Dist. Mancherial, Telangana State

Phone No: 08736-238039

Fax No : 08736-238222

e-mail: env_srp@sccmines.com

website: www.sccmines.com

Ref.No: SRP/ENV/U-004/2025/229

Date: 25.08.2025

To

The Member secretary,
Telangana State Pollution Control Board,
Paryavaran Bhavan,
A-3, Industrial Estates,
Sanath Nagar,
HYDERABAD.

Sir,

Sub: Submission of Environmental Statement in Form - V of IK-1A Inc. of
Srirampur Area of S.C.C.L for the year 2024-25- Reg.

Ref: Rule: 14 of Environment Protection Rules, 1986.

With reference to the cited above, please find enclosed herewith Environmental
Statement in Form - V of IK-1A Inc. of Srirampur Area of S.C.Co.Ltd., for the year
2024-25.

Thanking you,



Yours Sincerely,

[Signature]
General Manager
Srirampur Area.
General Manager
SRIRAMPUR

Encl: As above.

C.c.: The Joint Chief Environmental Engineer,
Telangana State Pollution Control Board,
Zonal Office, Sangareddy District - 502 302.

: The Environmental Engineer,
Telangana State Pollution Control Board,
Regional Office, Nizamabad - 503 002.

: GM(Env.), Kgm.



The Singareni Collieries Company Limited
(A Government Company)
Indaramkhani 1A Incline Mine
Srirampur Area

Ref.No: SRP/PO/IKOC&IK1A/39/2023/1328

Date: 21.09.2023

To,
The Director,
Ministry of Environment, Forests & Climate Change (MoEF &CC),
Integrated Regional Office, Hyderabad.
3rd Floor, Aranya Bhavan, Opp, RBI, Saifabad,
Hyderabad -500004.

Sub: Information to the Regional Officer of the MOEFCC regarding
commencement of mining Operations of Indaramkhani 1A Incline
Mine – Reg

Ref: EC Identification No.EC22B042TG147963 and
File No. SIA/TG/CMIN/79866/2017; dated 17.11.2022.

Kind attention is invited to the subject under reference.

With reference to the subject cited, it is to inform that MoEF&CC (SEIAA, Telangana) has accorded Environmental Clearance (EC) for **Indaramkhani 1A Incline Mine** located near Indaram Village, Jaipur Mandal, Mancherial District of Telangana State, vide letter cited under reference

As per the EC **Condition No.4.1 (j) (VI)** "The Project authorities shall inform to the Regional Officer of the MOEFCC regarding commencement of mining operations.

As per the above, this is to inform you that at **Indaramkhani 1A Incline Mine** with a capacity of 0.54 MTPA has commenced mining operation.

Thanking you Sir.




Project Officer,
IK OCP & IK-1A,
Srirampur Area.
PROJECT OFFICER
IKOC & IK-1A

End: EC Copy

पॉलिसी अनुसूची/ Policy Schedule-Public Liability Insurance Act



पॉलिसी संख्या / **Policy Number:**
550200492510000035

व्यवसाय स्रोत/ **Business Source:** 550200

असुरकरी कार्यालय/**Issuing Office**

कार्यालय कोड/ **Office Code:** 550200

कार्यालय पता/ **Office Address:** HYDERABAD
BUSINESS OFFICE II CSR Plaza,D No. 6-3-
347/9/4,,2nd Floor,Dwarakapuri
Colony,Punjagutta, - 500082.

राज्य कोड/**State Code:** 36, Telangana

जीएसटीएन/**GSTIN:** 36AAAGN9967E6ZZ

संपर्क संख्या/**Contact Number:** 40 23401396

मोबाइल संख्या/**Mobile Number:** 0

विक्रय चैनल विवरण/
Sales Channel Details

कोड/ **Code:** 550200

नाम/ **Name:** Hyderabad Division II

संपर्क संख्या/**Contact Number:**

Customer Care Toll Free Number:
1800 345 0330

email:customer.support@nic.co.in

ग्राहक का नाम/**Customer Name:** MS THE SINGARENI COLLIERIES
CO LTD

ग्राहक आईडी/ **Customer ID:**
9510115064

पैन/ **PAN:** *****3F

पता/ **Address:** CORPORATE FINANCE & ACCOUNTS
DEPARTMENT, PO. KOTHAGUDEM COLLIERIES,
BHADRACHALAM ROAD RLY STN(S C RLY), BHADRADRI
KOTHAGUDEM DISTRICT, TELANGANA, शहर/ **City:**

KOTHAGUDEM, जिला/ **District:** KHAMMAM, राज्य/ **State:**

TELANGANA, पिन/ **PIN:** 507101.

सेल/ **Cell:** *****11

फोन/ **Phone:** *****11

ई-मेल/ **E-Mail:** *****rp@sccmines.com

पॉलिसी प्रभावी समय वॉटे की **Policy Effective from 00:00 hours, on 30/04/2025** की समय राशि तक प्रभावी/ **to midnight of 29/04/2026** .

प्रीमियम / Premium	₹ 48,981.85	कवर नोट संख्या तथा तिथि/ Cover Note Number and Date	NA
सीजीएसटी/ CGST	₹ 4,408.00	प्रस्ताव संख्या और तिथि / Proposal Number and Date	8800240508182484 दिनांक/Dt. 03/03/2025
एसजीएसटी/यूटीजीएसटी / SGST/UTGST	₹ 4,408.00		
आईजीएसटी/ IGST	₹ 0.00		
कम/ Less: GST TDS	₹ 0.00		
संग्रही योग्य स्टाम्प शुल्क / / Recoverable Stamp Duty	₹ 0.00	रसीद संख्या और तिथि/ / Receipt Number and Date	5502008125100000273 दिनांक/Dt. 29/04/2025
कुल राशि/ Total Amount*	₹ 1,06,781.00	पिछली पॉलिसी संख्या तथा समाप्ति तिथि/ / Previous Policy Number and Expiry Date	550200492410000034 and Dt.29/04/2025

(रुपये / **Rupees One Lakh Six Thousand Seven Hundred Eighty One केवल/Only.**)

+ पर्यावरण राहत कोष
/ **Environment Relief Fund:** ₹ 48,982.12

Insurance Details:

Policy Effective from 00:00 hours, on 30/04/2025 to midnight of 29/04/2026

PLI act Premium	3,83,356.20
Service tax	0.00
Recoverable stamp duty	0.00
ERF premium	3,83,356.20
Total amount	7,26,712.40

Retroactive date:	30/04/2023
Description of risk	PLI ACT POLICY -HAZAROUDS SUBSTANCES HANDLED & GROUP SUCH AS EXPLOSIVES, OIL, LUBRICANTS, GASES, TIMBER AND OTHER HAZARDOUS MATERIAL.
Paid up capital/Market Value of Asset/stock:	1,00,00,000.00
Liability:Any one accident(AOA):	5,00,00,000.00
Any one year(AOY):	15,00,00,000.00

पॉलिसी अनुसूची/ Policy Schedule-Public Liability Insurance Act	
पॉलिसी संख्या / Policy Number: 550200492510000035	व्यवसाय स्रोत/ Business Source: 550200
जारीकर्ता कार्यालय/Issuing Office कार्यालय कोड/ Office Code: 550200 कार्यालय पता/ Office Address: HYDERABAD BUSINESS OFFICE II CSR Plaza,D No. 6-3- 347/9/4,,2nd Floor,Dwarakapuri Colony,Punjabgutta, - 500082. राज्य कोड/State Code: 36 , Telangana जीएसटीएन/GSTIN: 36AAACN8967E6ZZ संपर्क संख्या/Contact Number: 40 23401398 मोबाइल संख्या /Mobile Number: 0	विक्रय चैनल विवरण/ <u>Sales Channel Details</u> कोड/ Code: 550200 नाम/ Name: Hyderabad Division II संपर्क संख्या/Contact Number: Customer Care Toll Free Number: 1800 345 0330 email:customer.support@nic.co.in
Ratio of AOA:AOY:	1:3
Sum Insured:	5,00,00,000.00
Annual turn over:	3,54,25,20,00,000.00



Clauses	As per Annexure.I
टिप्पणियाँ/ Remarks: PUBLIC LIABILITY INSURANCE (ACT) POLICY VARIOUS TRANSPORT & STORAGE LOCATIONS OF SCCL (ALL AREAS) LIKE : KOTHAGUDEM, YELLANDU, MANUGURU, RAMAGUNDAM -I, RG-II, RG-III, BHOOPALPALLI, BELLAMPALLI, MANDAMARRI, SRIRAMPUR & CORPORATE , TELANGANA STATE. NUMBER OF WORKMEN EMPLOYEES :40762 ESTIMATED ANNUAL TURNOVER PROPOSED : RS.35425.20 CRORES PREVIOUS YEAR TURNOVER : RS.31800.73 CRORES AOA: 5 CRORES AOY : 15 CRORES (1:3)	

मिलकी गायत्री में 02/May/2025 को उपरोक्त उल्लिखित कार्यालय पर अधीनस्थता को विधिवत अविज्ञित किया जा रहा है इसके साथ निश्चित किए जाएं। यह अनुसूची, संलग्न पॉलिसी, खण्ड, पृष्ठान्न और पॉलिसी शर्तों, जो कंपनी वेबसाइट <https://nationalinsurance.nic.co.in> पर उपलब्ध है, को एक अनुबंध के रूप में एक साथ पढ़ा जाए तथा कोई भी शब्द का अधिव्यक्ति मिलने लिए यह विशिष्ट अर्थ पॉलिसी या अनुसूची के किसी भी हिस्से में संलग्न किया गया हो, एक ही अर्थ वहन करेगा चाहे यहाँ भी उल्लिखित हो। यह आश्वासन दिया जाता है कि प्रिमियम चेक की अस्वीकृति के मामले में, यह दस्तावेज स्वतः आरंभ से ही निरस्त मानी जाएगी। /IN WITNESS WHEREOF, the undersigned being duly authorized hereunto set his/ her hand at the office address mentioned above, this 02/May/2025. This schedule, the attached policy, the clauses, the endorsements and policy wordings as available in the website <https://nationalinsurance.nic.co.in> shall be read together as one contract and any word or expression to which the specific meaning has been attached in any part of this policy or of the schedule shall bear the same meaning wherever it may appear. It is warranted that IN CASE OF DISHONOUR OF THE PREMIUM CHEQUE, THIS DOCUMENT STANDS AUTOMATICALLY CANCELLED 'AB-INITIO'

इंश्योरेंस/विश्वविदेड ओम्बुड्समैन का विवरण/Ombudsman Details: Office of the Insurance Ombudsman,6-2-46, 1st floor, Main Court, Lane Opp. Hyundai Showroom, A. C. Guards, Lakdi-Ka-Pool, Hyderabad - 500 004.
Tel.: 040 - 23312122 / 23376991/ 23376599 / 23328709/23325325
Email: bimalkopai.hyderabad @cioins.co.in.

संलग्न दायी
Stamp
Duty:
(₹ 0.25)

कुले नेत्रवल इन्श्योरेंस कंपनी लिमिटेड/
For and on behalf of National
Insurance Company Limited
अधिकृत हस्ताक्षरकर्ता/ Authorized Signatory

टैक्स इनवॉयस/TAX INVOICE

इन्वॉयस नं./Invoice Serial No: 30602L5PE0000035

इन्वॉयस तिथि/Invoice Date: 02/05/2025

आपूर्तिकर्ता का विवरण/Details of Supplier:

नेशनल इन्सुरेंस कंपनी लिमिटेड/National Insurance Company Limited.,
HYDERABAD BUSINESS OFFICE II CSR Plaza,D No. 6-3-347/8/4, 2nd Floor,Dwarakapuri Colony,Punjagutta, - 500082
राज्य/State : 36, Telangana
जीएसटीआरएस नंबर
GSTIN No : 36AAACN9967E6ZZ

ग्राहक का विवरण/Details Of Receiver : MS THE SINGARENI COLLIERIES CO LTD

पता/Address : CORPORATE FINANCE & ACCOUNTS DEPARTMENT, PO. KOTHAGUDEM COLLIERIES, BHADRACHALAM ROAD RLY STN(S C RLY),
BHADRADRI KOTHAGUDEM DISTRICT, TELANGANA
शहर/City : KOTHAGUDEM,
ज़िला/District : KHAMMAM,
राज्य/State : TELANGANA,
पिन/PIN : 507101,

आपूर्ति का स्थान/Place Of
Supply State : Telangana
राज्य कोड/State Code : 36
जीएसटीआरएस नंबर/GSTIN No : 36AAACT8873F121
पूरापूरन नं./UIN No : NA

सीएस कोड/SAC Code	सेवा का विवरण/Description of Service	कुल/Total(₹)	छूट/Discount	टैक्स योग्य/कुल/Taxable Value(₹)	सीजीएसटी की दरें/CGST		एससीएसटी/यूटीजीएसटी/SGST/UTGST		आईजीएसटी/IGST		Kerala Flood Cess की राशि/Amount(₹)
					दर/Rate	राशि/Amount(₹)	दर/Rate	राशि/Amount(₹)	दर/Rate	राशि/Amount(₹)	
997139	Other non-life insurance services (excluding reinsurance services)	48,982	0%	48,982	9%	4,408	9%	4,408	0%	0	0
TOTAL		48,982		48,982		4,408		4,408		0	0

कुल इनवॉयस मूल्य (अंकों में) Total Invoice Value (In figures) : ₹ 1,06,781

कुल इनवॉयस मूल्य (शब्दों में) Total Invoice Value (In words) : अक्षर/Rupees One Lakh Six Thousand Seven Hundred Eighty One केवल/Only.

रिवर्स चार्ज के अधीन टैक्स की राशि/ Amount of Tax Subject to Reverse Charge : No

E.&O.E

कृते नेशनल इन्सुरेंस कंपनी लिमिटेड/

For and on behalf of National Insurance Company Limited

अधिकृत हस्ताक्षरकर्ता/ Authorized Signatory

