

FUNCTIONS OF CORPORATE ENVIRONMENT DEPARTMENT

The various functions of Corporate Environment Department are listed below:

1. Action for award of Environmental baseline data monitoring for proposed projects and Post Project Environmental Monitoring in and around the SCCL Mining areas. Scrutiny of Environmental baseline data and Post-Project Environmental Monitoring data submitted by external agencies.
2. Preparation of Information as per Form-I, submission to MoEF for seeking Terms of Reference (ToR) for preparation of Environmental Impact Assessment / Environmental Management Plan (EIA / EMP) for Coal Mining and Sand Mining Projects.
3. Preparation of Draft EIA / EMP for coal mining and Sand Mining based on Terms of Reference (ToR) issued by MoEF, for submission to APPCB for conducting public hearing.
4. Preparation of Final EIA / EMP by addressing the issues raised during Environmental Public Hearing for obtaining Environmental Clearance from MoEF for new coal mining projects and for existing mines under violation category and Sand Mining Projects.
5. Preparation of prescribed application for obtaining CFE from APPCB after obtaining EC from MoEF.
6. Preparation of presentations for Public Hearings, EC meetings and TC meetings at MoEF/APPCB.
7. Preparation of cost estimates for obtaining Environmental clearance for Business development projects.
8. Obtaining clearances like Ground Water clearance and any other approvals as suggested by MoEF prior to obtaining Environmental Clearance.
9. Preparation of chapter on Environmental management along with fund provision for environmental protection measures for incorporation in feasibility reports.
10. Preparation of chapter on Environmental management in mining plan for MoC approval.
11. Preparation of report on solid waste management for submission along with forest land diversion proposals to MOEF for obtaining forest clearance for the projects.
12. Monitoring of implementation of Environment Management Plan and Environment Clearance conditions in MoEF cleared projects. Scrutiny of half- yearly monitoring

reports of all the MoEF cleared projects prepared by Area environmental officers for submission to Regional Office of MoEF, Bangalore.

13. Scrutiny of Statutory Air & Water consent application forms submitted by Area Environmental Officers for obtaining Area-wise consents under Air & Water acts. Scrutiny of Environmental statements being submitted by area authorities to Member Secretary, AP Pollution Control Board (APPCB) in compliance of consent order conditions.
14. Coordination with various institutes/agencies for carrying out project specific scientific studies as insisted by MoEF during environmental appraisal of proposed projects and S&T projects on environmental related issues.
15. Dissemination of environmental related information and guidelines to the Area / Project authorities for effective implementation of environmental protection measures.
16. To interact with APPCB and MoEF in case of any complaints from pollution angle and to furnish necessary information / clarifications.
17. Coordinate with Forestry, Estates, Civil, Exploration, E&M, Medical departments on environmental related activities and other developmental works in SCCL.
18. To associate with APPCB and MoEF officials during inspection of mines and allied activities for studying the compliance of Consent / MoEF clearance conditions. To associate during the inspection of MoEF officials for approval of FL diversion proposals and to study the implementation of forest clearance conditions.
19. To participate in Expert Committee meeting of MoEF for seeking Environmental Clearances and FAC meetings for obtaining forestry clearance.
20. Furnishing information on the issues raised in Parliament and Assembly sessions regarding Environmental protection measures.
21. Co-ordination with areas for preparation of Annual Capital and Revenue budgets for environmental protection and accounting of environmental expenditure.
22. Preparation of fortnightly, quarterly reports on Environmental clearance for coal mining projects.
23. Conducting various Environmental awareness programmes in the organization including seminars, workshops, ENVAV and Environmental Exhibitions etc.
24. SCCL has been accredited as an EIA consultant organization by NABET to prepare in house EIA/EMP reports for mining projects as per the latest MoEF guidelines. The

functional area experts identified in various fields will prepare relevant portions of the EIA/EMP reports for mining projects for seeking Environmental clearance from MoEF.

25. The following officers working in corporate Environment department have been identified as FAEs in relevant functional areas.

Sl. No.	Area of Expertise	Name of the FAE
1	EIA Coordinator and FAE for Solid Waste Management, Air Quality Modelling	P. Sharath Kumar
2	Risk Hazards	N.V.R. Prahlad
3	Air Pollution Control	K.Raghu Kumar
4	Noise & Vibrations	M.Ram Gopal Reddy
5	Water Pollution Control	B.Venkateswara Rao

26. The corporate environment department will coordinate with other departmental officers who are identified as FAEs in relevant fields. The following officers working in other departments have been identified as FAEs in respective functional areas.

Sl. No.	Area of Expertise	Name of the FAE
1	Hydro Geology	N.Srinvasa Rao Dy GM(Hydro) S .Srinu Supdt.Hydrogeologist ,
2	Geology	D. Satya Prasad Dy.GM
3	Socio Economics	VSVSRKS.Prasad Dy.GM(Estates)
4	Soil	R.V Ramana Reddy,Sr.Forestry Officer
5	Ecology and Biodiversity	Dr.V.Venkata Ramana, HOD Botany Department , SCWDC

27. The corporate environment department will coordinate with corporate IT Department in developing and regular updating of Environment Department webpage in company website.
28. Corporate Environment Department has ISO-9001-2008 certification and will maintain the all the records and reports as per the procedures laid down in quality manual.

FUNCTIONS OF ENVIRONMENTAL OFFICERS AT AREA LEVEL

1. To associate during the site inspections of MoEF officials for sanction/renewal of mining lease proposals and diversion of forest land. To coordinate and associate during the visits of MoEF/APPCB officials to the areas and preparation of replies to the queries raised by MoEF/APPCB officials.
2. To coordinate with internal departments like Estates, Forestry, Survey, Civil, Electrical & Mechanical and Medical departments on a regular basis, on environmental related works.
3. Preparation and submission of Half-Yearly Compliance Reports in respect of MoEF cleared projects to MoEF, Regional Office, Bangalore.
4. To organize Environmental Management Committee (EMC) meetings at Project/Mine level. To follow up implementation of environmental clearance conditions and consent conditions stipulated by MoEF / APPCB.
5. Preparation and submission of Statutory Air & Water consent application to APPCB for obtaining Area-wise/Mine wise consents under Air & Water acts.
6. Preparation of environmental statements for submission to Member Secretary, A P Pollution Control Board (APPCB) in compliance of consent orders conditions.
7. Inspection of Air & Water quality monitoring work being carried out by external agencies and to prepare and submit assessment report on monitoring works carried out by external agencies.
8. To attend District Environmental Committee meetings as also meetings conducted by APPCB to review the pollution problems in the District/Region.
9. To conduct "Environmental Awareness Week" (ENVAW) and "World Environment Day" every year and work for bringing environmental awareness in the industry.
10. To organize Govt. of A.P's "Clean & Green" programmes and "Vanamahotsavam". Strive for environmental awareness by organizing presentations, display of posters and slogans.
11. To inspect the areas under active subsidence and interact with the Manager concerned regarding the subsidence management.
12. To identify vacant areas in & around mine premises and colonies and to coordinate with Dept. of Forestry in preparation of annual plantation proposals for each area.

13. To oversee implementation of approved EMPs of all MoEF cleared projects in the region.
14. To take a comprehensive approach towards Environmental Protection in the region considering all the mines and allied activities in the region and development of database on various environmental issues.
15. Preparation of information on projects where there is deviation in the calendar programme of Coal and Overburden removal, land use and reclamation as envisaged in the approved EMP for obtaining fresh environmental clearance.
16. Establishment of monitoring network for Environment baseline data generation and post project monitoring works.
17. Associate and oversee scientific studies being carried out in respective regions/areas.
18. To oversee day today reclamation works in Opencast Mines with the equipments identified
19. To assist Project Officer in taking suitable measures to control pollution in and around the mine and to maintain a status report on implementation of approved EMP.
20. To oversee the construction and maintenance of garland drains around quarry and overburden dumps and spreading of top soil over overburden dumps during plantation season.
21. To maintain a database on Air quality, Water quality, noise and vibrations and water balance statement etc in respect of each of the MoEF cleared projects/respective areas.
22. To obtain consents authorization from APPCB for handling and disposal of Hazardous wastes, individually for Workshops and Stores identified under Hazardous category.
23. To obtain authorization from APPCB for Area Hospitals for handling and disposal of bio-medical wastes.
24. To submit Half-Yearly returns in prescribed proforma, giving details of consumption and disposal of Lead Acid Batteries to APPCB for the stores identified in each area under hazardous category.
25. To furnish required information on environmental aspects of new as well as ongoing mines to corporate department facilitating preparation of EIA/EMP reports for seeking Environmental Clearance from MoEF.
