

## MINUTES

### TWELFTH MEETING OF STATE LEVEL EXPERT APPRAISAL COMMITTEE (SEAC), TAMILNADU, CHENNAI-32 held on 29<sup>th</sup> and 30<sup>th</sup> JUNE 2009.

#### **PRESENT:**

#### **Expert Committee**

- |                                      |                                       |
|--------------------------------------|---------------------------------------|
| 1. Dr. Muthiah Mariappan<br>Chairman | 2. Shri. R. Ramachandran<br>Secretary |
| 3. Dr. K. Thanasekaran<br>Member     | 4. Shri. P.M. Natarajan<br>Member     |
| 5. Prof. T. Swaminathan<br>Member    | 6. Dr. K. Srinivas<br>Member          |
| 7. Dr. A.G. Murugesan<br>Member      | 8. Dr. V. Sunderaraj<br>Member        |
| 9. Dr. S. Sivanesan<br>Member        | 10. Shri V.Ramdoss<br>Member          |
| 11. Dr. H.Mohamad Kasim<br>Member    | 12. Prof.K.Muthuchelian<br>Member     |

#### **Representatives of the Projects**

Representatives of M/s. Auro Mira Biopower India Pvt.Ltd, Tirunelveli. Representatives of M/s. Trans Asia Steels Pvt.Ltd, Vellore.

Representatives of M/s. Aurobindo Pharma Limited, Cuddalore.

Representatives of M/s. Krishna Mines, Trinelveli-627 001.

Representatives of M/s. Thidam Steels (P) Ltd, Tuticorin.

Representatives of M/s. Trichy Sumathi Steel Rolling Mills (P) Ltd, Coimbatore.

Representatives of M/s. Alpa International Private Limited, Kancheepuram Dist.

Representatives of M/s. Shreyans Builders, Kancheepuram District.

Representatives of M/s. K G Foundations Pvt.Limited, Thiruvallur District.

Representatives of M/s. VIT University, Vellore – 632 064.

Representatives of M/s. SRM Institute of Science & Technology, Trichy.

Representatives of M/s. K G Foundations Pvt.Ltd, Thiruvallur District.

Representatives of M/s. ACS Medical College & Hospital, Thiruvallur District.

Representatives of M/s. Sreevatsa Real Estates (P) Ltd, Coimbatore.

Representatives of M/s. Shriprop Structures Pvt.Ltd, Kancheepuram District.

Representatives of M/s. MARG, Kancheepuram District

Representatives of M/s. Nagapattinam Energy Limited, Nagapattinam District.

Representatives of M/s. ESIC Hospital, Chennai Dist.

#### **Day-1**

**12-00-00**

#### **GENERAL INTRODUCTION BY THE CHAIRMAN AND SECRETARY OF THE COMMITTEE**

The Chairman and Secretary welcomed the Members of the SEAC for the 12<sup>th</sup> meeting. The projects for which applications along with Form I were received were taken for appraisal.

**12-01-01**

**M/s. Auro Mira Biopower India Pvt.Ltd, Maruthappapuram Village, Alagulam Block, Veerakeralam Pudur Taluk, Tirunelveli District - 1(d) Thermal Power Plant - Environmental Clearance - Regarding.**

The committee decided to recommend the project.

Additional particulars have been called for from the Project Proponent.

1. The Proponent shall furnish the detailed proposal for implementing Zero waste discharge.
2. Collection and disposal of fly ash shall be explained
3. The project proponent shall adopt appropriate techniques for collection and reuse of rain water within the project site.
4. Taping of ground water shall be dispensed
5. Strategies for scientific monitoring of impact of disposal of RO reject and treated waste water.
6. Energy plantation should be established.

12-01-02

**M/s.Trans Asia Steels Pvt.Ltd, L3, SIPCOT Industrial Complex, Ranipet, Vellore District - 3 (a) Metallurgical Industries (Ferrous & Non Ferrous) - Environmental Clearance - Regarding.**

The committee decided to recommend the project.

Additional particulars have been called for from the Project Proponent.

1. The Proponent has agreed to use producer gas in place of coal as recommended by the Committee.
2. The projects proponents should develop adequate green-belt with suitable species of trees and plants to save the inhabitants by environmental pollution hazards arising out of the production process.
3. The proponent of the project shall commit to manage the slag by selling the same to cement unit.
4. Appropriate personal protective equipments shall be supplied to the workers engaged to grinding of the slag within the premises.
5. Multistage ESPs are recommended in lieu of bag filters for arresting the particulate emission.

12-01-03

**M/s.Aurobindo Pharma Limited, B2, SIPCOT Industrial Complex, Cuddalore District - 5(f) Synthetic Organic Chemical (Bulk Drug)- Environmental Clearance - Regarding.**

The committee decided to recommend the project.

Additional particulars have been called for from the Project Proponent.

The Proponent shall submit a report of analysis of influent and effluent.

12-01-04

**M/s. Krishna Mines, 23, Sripuram, Trinelveli District -1(a) Mining of minerals - Environmental Clearance - Regarding.**

The committee decided to recommend the project.

Additional particulars have been called for from the Project Proponent.

The following additional particulars are called for from the Proponent.

1. Details of the Environmental Quality for the existing setting and the proposed EMP for the future.
2. Proposals for reclamation of the open cost mines and other developmental activities.

12-01-05

**M/s.Thidam Steels (P) Ltd, 14C/1, Mani Nagar, Tuticorin District- 3  
(a) Metallurgical Industries (Ferrous & Non Ferrous) -  
Environmental Clearance - Regarding.**

The committee decided to recommend the project.

The committee decided to issue TOR to the Proponent.

1. Current land use pattern should be prepared based on the satellite imagery.
2. Location of national parks/wildlife sanctuary/reserve forests within 10 km. radius should be indicated.
3. Details of industries located within 10 km radius should be furnished.
4. Site-specific micro-meteorological data including temperature, relative humidity, wind speed and direction and rainfall should be provided.
5. List of raw materials required for production and capacity utilization.
6. Manufacturing process details should be included.
7. Total capital cost and recurring cost/annum earmarked for environment pollution control measures.
8. Ambient air quality observed at 8 locations within 10k m radius of the study area. Pictorial and tabular presentation of meteorological data shall be presented.
9. The suspended particulate matter present in the ambient air must be monitored, chemical composition of RSPM should be done and data incorporated.
10. Air quality modeling for Steel Plant for specific pollutants should to be applied. APCS for the control of emissions from the induction furnace should also be included.
11. Impact on the environment by transport, handling of raw materials and end products should be assessed and furnished.
12. An action plan to control and monitor secondary and fugitive emissions as per CPCB guidelines should be included.
13. Gaseous emissions one season shall be observed for other than monsoon season.
14. Permission for the drawl of ground water from the SGWB/CGWA and water balance data including quantity of effluent generated, recycled and reused and discharged should be provided. Methods adopted/to be adopted for the water conservation should be provided.
15. **Monitoring of ground water for assessing the eight level of pollutants identifiable with process and products.**
16. Action plan for solid/hazardous waste generation, storage, utilization and disposal should also be included.
17. Risk assessment and damage control should be addressed and included.
18. Occupational health of the workers should be provided.
19. Green belt development plan in 33 % area and a scheme for

rainwater harvesting have to be put in place.

20. Socio-economic development activities need should be provided.
21. The pollution control measures proposed for the pollution load should be clearly detailed.
22. Back up generator facility for meeting 60% of the energy required for the post expansion facility. The necessary environmental protection measures for the generators also should be provided as per the norms.
23. Determination of atmospheric inversion level at the project site and assessment of ground level concentration of pollutants from the stack emission based on site specific meteorological features should be done and data provided.
24. Surface water quality of nearby water bodies (rivers and drains) at 60m upstream and downstream of the project area.
25. Points raised during the public hearing and commitment of the project proponent on issues raised by the public shall be recorded. An action plan to address the issues raised during public hearing and the necessary allocation of funds for the same should be provided.

**12-01-06 M/s.Trichy Sumathi Steel Rolling Mills (P) Ltd, 49, DPF Street, Pappanaickenpalayam, Coimbatore District - 3 (a) Metallurgical Industries (Ferrous & Non Ferrous) - Environmental Clearance-Regarding.**

The committee decided to recommend the project.

Additional particulars have been called for from the Project Proponent.

1. Location of slag grinding unit and APC measures for the same
2. Commitment letter from the cement industries to receive the slag
3. **The revised EIA should cover all the points issued in the TOR as the EIA furnished is not as per the TOR issued by the MoEF.**

**12-01-07 M/s.Alpa International Private Limited, SIPCOT Industrial Complex,Pondur Village, Sriperumbudhur Taluk, Kancheepuram District - 5(f) Synthetic Organic Chemical - Environmental Clearance - Regarding.**

The committee decided to recommend the project.

The committee decided to issue TOR to the Proponent.

**Project Description**

- Executive summary of the project
- Compliance status to the conditions stipulated while according environmental clearance to the existing project
- Promoters and their back ground
- Project cost
- Regulatory framework
- Project location and Plant layout.
- Existing infrastructure facilities including power sources.
- Existing environmental scenario.

- Total cost of the project along with cost for environment protection measures.
- Water source and utilization including existing and proposed water balance.
- Product spectrum (Existing and proposed products along with production Capacity) and processes
- List of hazardous chemicals with their toxicity levels.
- Storage and Transportation of raw materials and products.
- Detailed scheme for waste water treatment along with characteristics of inlet and outlet waste water. The treatment scheme to meet discharge norms of TNPCB at the outlet of ETP.

#### **B. Description of the Environment and Baseline Data Collection**

- Demarcation of Impact boundary (5 km from the project site)
- Micrometeorological data for wind speed, direction, temperature, humidity and rainfall in 5 km area.
- Topography, drainage and soil characteristics. Local area hydrology, storm water drainage etc.
- Existing environmental status including air, water, noise and soil in 5 km area from the project site. The parameters of air quality shall include for SPM, RSPM, SO<sub>2</sub>, NO<sub>x</sub>, CO, HCl, HC and VOC.

#### **C. Risk Assessment**

- Objectives, Philosophy and methodology of risk assessment
- Details of manufacturing process of proposed products
- Details on storage facilities
- Process safety, transportation, fire fighting systems, safety features and emergency capabilities to be adopted.
- Identification of hazards
- Compatibility studies and special hazards
- Safety precautions for the storage of Chemicals and vapour condensation.

#### **D. Occupational Health and Safety Program for the Project.**

#### **E. Information on Rain Water Harvesting**

#### **F. Green Belt Development plan**

**12-01-08 M/s.Shreyans Builders,Perungudi Village,Tambaram Taluk, Kancheepuram District-8 (a) Building & Construction Projects- Environmental Clearance-Regarding.**

The committee decided to defer the project.

**12-01-09 M/s.K G Foundations Pvt.Limited, B-Palanchur Village & Mavalurkuppam, Poonamallee Taluk, Thiruvallur District - 8 (a) Building & Construction Projects - Environmental Clearance - Regarding.**

The committee decided to recommend the project.

Additional particulars have been called for from the Project Proponent.

1. Water balance should be properly worked out as the existing proposal states that 38 KLD of water would be let out into a pond of 50 cu.m. capacity which is not correct.
2. Management of odour and mitigation measures shall be furnished.

3. The roads within the area should be sufficient enough to facilitate movement of fire headers as per the norms.
4. The project should be of zero discharge and should not let out any treated sewage water into surface drain.

**Day -2**

**12-02-10 M/s.VIT University, Vellore District - 8 (a) Building & Construction Projects - Environmental Clearance - Regarding.**

**Deferred**

**12-02-11 The committee decided to call for the Re-presentation.  
M/s.SRM Institute of Science & Technology, Manachanalur Taluk, Trichy District - 8 (a) Building & Construction Projects - Environmental Clearance - Regarding.**

The committee decided to recommend the project.  
Additional particulars have been called for from the Project Proponent.

1. **Commitment letter for water supply to the project from competent authority.**
2. **Revised water balance flow sheet shall be furnished.**
3. **Action plan for management of rain water harvesting shall be furnished.**
4. **Segregation of waste water, its quantity, characteristics and treatment for the same shall be furnished.**
5. **Quantity of biomedical waste/solid waste, its characteristics and scheme for treatment and disposal shall be furnished.**

**12-02-12 M/s.K G Foundations Pvt.Ltd, Adayalampattu Village, Ambattur Taluk, Thiruvallur District - 8 (a) Building & Construction Projects - Environmental Clearance - Regarding.**

**Recommended**

**12-02-13 M/s.ACS Medical College & Hospital, Numbal Village, Ambattur Taluk, Thiruvallur District - 8 (a) Building & Construction Projects - Environmental Clearance - Regarding.**

**Deferred**

**12-02-14 The committee decided to call for the Re-presentation.  
M/s.Sreevatsa Real Estates (P) Ltd, Mettupalayam Road, Coimbatore District - 8 (a) Building & Construction Projects - Environmental Clearance - Regarding.**

**Recommended.**

**12-02-15 M/s.Shriprop Structures Pvt.Ltd, Perumattunallur Village, Chengalpattu Taluk, Kancheepuram District - 8 (a) Building & Construction Projects - Environmental Clearance - Regarding.**

**Recommended**

**Impact of the proposed project on water available for other beneficiaries including farmers of the adjacent villages.**

**12-02-16 M/s MARG, River Side Infrastructure (I) Pvt.Ltd, Marg Axiz, Karapakkam Village, Tambaram Taluk, Kancheepuram District - 8 (a) Building & Construction Projects - Environmental Clearance - Regarding.**

**12-02-17 The proponent did not turn up for the presentation.  
M/s Nagapattinam Energy Limited, Karappidagai Village, Kilvellur Taluk, Nagapattinam District - 1(d) - Thermal Power plant - Environmental Clearance - Regarding.**

The committee decided to issue the following TOR

- i) The plant site including as ash pond sheet and other features shall be mapped.
- (ii) Aerial map of the project site indicating water bodies, forests, monuments etc within 10 km radius.
- (iii) Land use pattern project area shall be given.
- (iv) Land requirement for the project to be optimized. Item wise break up of land requirement and its availability to be furnished.
- (v) Details of RO plant and disposal of RO rejects, boiler blow down, softner rejects shall be furnished.
- (vi) Topography of the area should be given clearly indicating whether the site requires any filling. If so, details of filling, quantity of fill material required, its source, transportation etc. should be given.
- (vii) Impact on drainage of the area and the surroundings.
- (viii) Information regarding surface hydrology and water regime and impact of the same, if any due to the project.
- (ix) One complete season AAQ data (except monsoon) to be given along with the dates of monitoring. The parameters to be covered shall include SPM, RSPM, SO<sub>2</sub> NO<sub>x</sub> and Ozone (ground level). The location of the monitoring stations should be so decided so as to take into consideration the pre-dominant downwind direction, population zone and sensitive receptors including reserved forests
- (x) Impact of the project on the AAQ of the area. Details of the model used and the input data used for modeling should also be provided. The air quality contours may be plotted on a location map showing the location of project site, habitation nearby, sensitive receptors, if any. The wind roses should also

be shown on this map.

- (xi) Fuel analysis to be provided (sulphur, ash content and mercury). Details of auxiliary fuel, if any including its quantity, quality, storage etc should also be given.
- (xii) Quantity of fuel required its source and transportation. A confirmed fuel linkage should be provided.
- (xiii) Source of water and its availability. Commitment regarding availability of requisite quantity of water from the competent authority. Necessary approval letter should be obtained from the competent authority for drawl of ground water if any.
- (xiv) Details of rainwater harvesting and how it will be used in the plant.
- (xv) Examine the feasibility of zero discharge. In case of any proposed discharge, its quantity, quality and point of discharge, users downstream etc. should be provided.
- (xvi) Optimization of COC for water conservation. Other water conservation measures proposed in the project should also be given.
- (xvii) Details of water balance taking into account reuse and re-circulation of effluents.
- (xviii) Details of greenbelt i.e. land with not less than 1500 trees per ha giving details of species, width of plantation, planning schedule etc.
- (xix) Detailed plan of ash utilization / management.
- (xx) Details of evacuation of ash.
- (xxi) Details regarding ash pond impermeability and whether it would be lined, if so details of the lining etc.
- (xxii) Detailed R&R plan/compensation package for the project affected people shall be prepared taking into account the socio economic status of the area, homestead oustees, land oustees, landless laboureres.
- (xxiii) Details of flora and fauna at the project site and at the point of outfall discharging the treated waste water duly authenticated should be provided. In case of any scheduled fauna conservation plan should be provided.
- (xxiv) Details regarding infrastructure facilities such as sanitation, fuel, restroom etc. to be provided to the labour force during construction as well as to the casual workers including truck drivers during operation phase.
- (xxv) The points raised and commitment of the project proponent during public hearing should be recorded. An action plan to address the issues raised during public hearing and the necessary allocation of funds for the same should be provided.
- (xxvi) Measures of socio economic influence to the local community proposed to be provided by project proponent. As far as possible, quantitative dimension to be given.
- (xxvii) Impact of the project on local infrastructure of the area such as road network and whether any additional infrastructure would need to be constructed and the agency responsible for the same with time frame.

- (xxviii) EMP to mitigate the adverse impacts due to the project along with item wise cost of its implementation.
- (xxix) Risk assessment to be undertaken. Based on the same, proposed safeguard measures should be provided. Measures to guard against fire hazards should also be provided.
- (xxx) Any litigation pending against the project and /or any direction / order passed by any Court of Law against the project, if so, details thereof.
- (xxxi) The unit shall furnish the clearance from the Coastal Zone regulation Authority for the project activity in CRZ area.

**12-02-18a M/s. ESIC Hospital, Medical College and Hospital, K.K.Nagar, Chennai District - 8 (a) Building & Construction Projects -Environmental Clearance - Regarding.  
Recommended**

**12-02-18b M/s. ESIC Hospital, New Students Hostel, K.K.Nagar, Chennai District - 8 (a) Building & Construction Projects -Environmental Clearance - Regarding.  
Recommended**

**12-02-19 Table Agenda for XII SEAC meeting held on 29<sup>th</sup> – 30<sup>th</sup> JUNE 2009.**

**To consider further Appraisal of the projects with the response of the Proponents to the clarifications/undertakings called for by the SEAC in the previous meetings.**

**01. M/s. Premier Pigments, Chinnavedampatti Village, Coimbatore (North) Taluk, Coimbatore District.**

**Recommended.**

The subject of issue of EC to M/s.Premier Pigments , Chinnavedampatti Village, Coimbatore (North) Taluk, Coimbatore District for expansion activity was placed before 2<sup>nd</sup> SEAC Meeting held on 12<sup>th</sup> – 13<sup>th</sup> June 2008 and subsequently placed before the 6<sup>th</sup> SEAC Meeting held on 10<sup>th</sup> – 11<sup>th</sup> October, 2008 and the committee decided to recommend for grant of EC subject to the submission of the following details and also inspection of the site by the members of the sub committee is to be arranged by the proponent.

Accordingly a sub- committee comprising members

1. Professor : K. Muthuchelian
2. Dr.A.G.Murugesan and
3. Dr.Dhulasi Birndha Varadharajan

was constituted to visit the proposed project site and the proponent was requested to make suitable arrangement to the sub committee to visit the site. The proponent vide letter dated 17.12.2008 has requested to inform the schedule of visit of the sub-committee.

Sl.No	Queries	Reply
1.	Treatment and disposal of the Lead bearing waste from the scrubber to be furnished	The lead bearing waste from the scrubber will be recycled through rotary furnace, There is no disposal
2.	Screening of the health of the workers for the presence of the lead in the body once in two years	We will analyze the presence of the lead in the body once in two years.
3.	Mechanical sorting of the raw materials to be adopted.	EOT Crane and electric Hoist
4.	Air Pollution Control devices should be appropriately modified to control the emission after the expansion of the existing activity.	Necessary air pollution control measures such as bag filter, wet scrubber, will be provide to meet the standards prescribed by the Board.
5.	PPE should be provided to the workers operating within the ball mill area and other noise generating areas.	We have provided the personal protective equipments to the workers, Boots, Helmets, Hand Gloves, Safety Marks, Goggles, Masks, Aprons Ear Plugs and Ear Muffs etc., working in the ball mill area and other noise generation area
6.	V tube cooler to reduce the temperature of the gaseous emission	We propose to provide V tube cooler to reduce the temperature of the gaseous emission.
7.	The storage of slag and other hazardous materials within the site should be provided with adequate area and conform to the stipulation of the pollution control Board.	We have provided adequate area for storage of lead slag and other solid wastes inside the factory premises. The area of solid waste storage earmarked enclosed layout plan. The design details of solid waste storage area is enclosed in Annexure.(Lay out plan not enclosed as stated)
8.	The practice of the disposal of the slag and other hazardous materials over the last 10 years	The total slag accumulated during the last 10 years – 20 Tons approximately. Existing slag generation rate is 3.5 T/month and hence accumulation quantity for 10 years should be 420T.

**02. M/s. Sri Mahalakshmi Alloys, SIDCO Industrial Estate, Nanjikottai Village, Thanjavur District.**

The subject of issue of Environmental Clearance to the said unit was placed before the 6<sup>th</sup> State Expert Appraisal Committee (SEAC) meeting held on 10<sup>th</sup> & 11<sup>th</sup> October 2008 and the committee decided that the site for the proposed activity does not appear to be favourable for locating this hazardous industry.

The decision of the State Expert Appraisal Committee (SEAC)

was communicated to the State Environment Impact Assessment Authority (SEIAA) and the State Environment Impact Assessment Authority (SEIAA) in its meeting held on 10.11.08 has decided to defer the said subject as the recommendation is not specific and referred back to State Expert Appraisal Committee (SEAC) it has also requested to communicate to it the recommendation of the State Expert Appraisal Committee (SEAC).

The subject is now placed before the State Expert Appraisal Committee (SEAC).

**The committee decided to issue a letter to the Proponent to explore the feasibility at siting the activity at an environmentally and ecologically compatible place. The EMP of the proposed activity has to have sharp pins to protect the agricultural land and drinking water resources. The reply or response should be make available to SEAC within 10 days from the date of receipt of the letter.**

**M/s. The India Cements Ltd, Thalayuthu Village, Tirunelveli Taluk & District 1 (a) Mining of Minerals -Environmental Clearance-Reg.**

**Recommended**

Sl. No.	Details called for	Response by the Proponent
01	The proponent has to conduct a detailed scientific study to estimate the impact of the proposed mining on the ground water table in the vicinity of the project area. The proponent has to propose mitigative measures if the impact on the ground water table is adverse.	Furnished appropriately the relevant data
02	The dust generated and its impact on the ambient air quality to be detailed.	
03	The nature of the dust and its health impacts on the workers to be detailed.	
01	<b>Clarification sought by Expert Member Mines</b> Clarification regarding the correctness of the sequence of blasting indicated in the hook up plan . (Para No.1.1 of your letter cited)	Furnished
02	The time interval between delays per metre of burden has been stated as 8 minutes. Is it correct? (Para No.1.4 of your letter cited)	Furnished
03	It is stated that the flyrock, air blast and ground vibrations can be totally controlled by using sequential blasting machine? Clarifications may please be furnished as how it is possible (Para No.1.4 of your letter cited)	Furnished
04	It is stated that the dump slopes are maintained at 40 to 45°. Is it correct? (Para No.2.2 of your letter cited)	Furnished
05	The number of trees planted to control air born dust (SPM) & noise, number of trees surviving (in terms of numbers or percentage) and the area and length of the periphery of the mine covered by the trees is required to be indicated. (Para No.3.0© of your letter cited).	Furnished

**The committee decided to recommend the project.**

**M/s.Sathyam Computer Services Ltd, Kunnam Village,  
Kancheepuram District-IT Park-Construction Project – 8(B)  
Building & Construction Projects-Environmental Clearance-  
Reg.**

**Recommended**

<b>Sl. No</b>	<b>Details called for</b>	<b>Response by the Proponent</b>
01	Source of water for use by the Proponent may be furnished.	The source of water would be from the ELCOT mains. The documentary evidence for the same has been enclosed.
02	The management practice of the STP built in stages should be furnished.	Furnished
03	Management of the storm water should be mentioned with due consideration for the prevention of possible inundation during monsoon.	Furnished
04	Management of the solid waste should be highlighted.	Furnished
05	Depth of filling of the low lying land with acquired soil/locally available soil, if acquired, indicate the source.	Furnished
06	The documentary evidence for the drainage carrier proposed by the ELCOT.	Furnished

**M/s. M.M.Lead Smelters, S.F.No.259/1F, Kunnathur Village,  
Avinashi Taluk, Combatore District-3(a) Metallurgical  
Industries (Ferrous & Non-ferrous) -Environmental  
Clearance-Reg.**

**Deferred**

Sl.No.	Details called for	Response by the Proponent
01	Treatment and disposal of the lead bearing waste from the scrubber to be furnished.	There is no disposal. The lead bearing waste from the scrubber will be recycled through rotary furnace.
02	Screening of the health of the workers for the presence of the lead in the body once in two years.	They will analyze the presence of the lead in the body once in two years.
03	Mechanical sorting of the raw materials to be adopted.	EOT Crane and Hoist
04	PPE should be provided to the workers operating within the ball mill area and other noise generating areas.	They will provide the personal protective equipments to the workers Boots, Helmets, Hand Gloves, Safety marks, Goggles, Masks, Aprons Ear Plugs and Ear Muffs etc. working in the ball mill area and other noise generation area.
05	Monitor the heavy metals As, Sb, Ag, Cr & Pb on the plants, animals, soil and surface & ground water.	They have monitored heavy metals like (As, Sb, Ag, Cr & Pb) in the soil and water (ground & surface) and analysis report is enclosed in Annexure-I.
06	The storage of slag and other hazardous materials within the site should be provided with adequate area and conform to the stipulation of the Pollution Control Board.	They have provided adequate area for storage of lead slag and other solid waste inside the factory premises. The area of solid waste storage earmarked enclosed layout plan.
07	The level of abundance of the existing flora & fauna and impacts of the lead concentration should be assessed by competent biologist.	They have enclosed the level of lead in flora and we will take necessary action & suitable control measures to prevent the impact from lead concentration in the existing flora & fauna.
08	Detailed layout plan indicating the site for various activities within the site.	The various activities are indicated in the site-plan which is enclosed. <b>Not enclosed as stated</b>
09	HAZOP study to cover safety & health risk to workers, risks to public health and risks to ecosystem to be completed by adopting standard	The revised risk analysis and HAZOP study is enclosed. <b>Not enclosed as stated</b>

