

# MINUTES OF 29<sup>th</sup> MEETING OF STATE EXPERT APPRAISAL COMMITTEE HELD ON 24<sup>th</sup> June, 2009

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## 1.0 Opening Remarks of the Chairman

The Chairman welcomed all the members of the Committee and thereafter agenda item taken up for deliberations. The list of participants present during meeting is annexed as **Annexure-1**.

## 2.0 Consideration of the Projects

Following issues were discussed and decided:-

- A. 15 proposals of TOR and EIA cases were invited for deliberation of which only 10 cases were presented before the Committee.
- B. Next meeting i.e. the 30<sup>th</sup> was confirmed for 25/06/09 in accordance to the decision taken in the earlier meeting.

## EIA Deliberations

### 1. Case No. 100/2008

Sri Ramawtar Agarwal, Prabhat Vihar Colony, Panna Naka, Satna (M.P) 485001

TOR issued vide letter no. 363 dated 07/08/08 -

*Project: Chachandeeh Bauxite Mine , Vill: Chachandeeh, Teh: Pushprajgarh, Distt: Anuppur (M.P), Area: 17.744 Ha, Prod: 0.1 Million T/Y.*

The proponent did not appear in the meeting hence the committee decided to call the PP in next meeting.

-Sd-

(Suresh Chandra Jain)  
Chairman SEAC

-Sd-

(V. Subramanian)  
Member SEAC

-Sd-

(K.K. Goswami)  
Member SEAC

-Sd-

(R.K. Jain)  
Secretary

## **2. Case No. 247/2008**

M/s J.P. Agarwal (Earlier M/s J.P. Marbles) HIG 1, Housing Board Colony P.O. Katni (M.P) TOR issued vide letter no. 167 dated 11/02/09 -

*Project: Marble mine 10.520 Ha. Pro. Cap.- 75,000 MT/Year at Khardra Tehsil- Bahoriband, Distt.: Katni (M.P)*

This is a case for Other Than Mechanized Mining (OTM) of Marble, TOR for carrying out EIA / EMP was issued to the PP by SEAC vide letter no. 167 dated 11/02/09. The mining shall intersect the ground water table. The EIA/EMP report along with the proceedings of Public Hearing was submitted by the PP on 05/06/2009. Proponent along with his Consultant presented the EIA report and Public Hearing proceedings along with the clarification on the complaint filed by Shri Mitthulal Jain, Katni, before the committee. After the deliberations SEAC has raised following queries, to be replied by the PP:

- 1) Ore analysis from Govt. approved laboratory has to be furnished.
- 2) Leachate analyses reports of ore and soil have to be submitted.
- 3) Fund allocation with break-up for Social Responsibility has to be submitted.
- 4) Physical & Financial plan for plantation in at least 33% of the total area within the lease period has to be submitted.
- 5) Source of water supply for the project and the permission for withdrawal of the same from concerned agency to be furnished.
- 6) Recent NOC from the forest department to be submitted.

## **3. Case No. 196/2008**

M/s. S. N. Sunderson & Company, 1, deshbandhu Gupta Road, Opp. Paharganj Police station, New Delhi- 55. TOR issued vide letter no. 687 dated 30/09/08

*Project: Badri Limestone and Dolomite Mine, Village-Badri, Taluka-Vijayraghgarh, Dist-katni. Mining Lease Area 5.04 Ha. Prod. Cap. 2,50,000 T/A*

**-Sd-  
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**-Sd-  
(V. Subramanian)  
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**-Sd-  
(R.K. Jain)  
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This is a case for Other Than Mechanized Mining (OTM) of Limestone and Dolomite, TOR for carrying out EIA / EMP was issued to the PP by SEAC vide letter no. 687 dated 30/09/08. The mine has been operational and was closed in compliance to the directions of Hon'ble High Court. The EIA/EMP report along with the proceedings of Public Hearing was submitted by the PP on 30/05/2009. Proponent along with his Consultant presented the EIA report and Public Hearing proceedings before the committee. After the deliberations SEAC has raised following queries, to be replied by the PP:

1. Clarification has to be submitted in detail along with the supporting documents on the following issues raised by the Sarpanch during the public hearing:
  - Unauthorized use of land under Khasra No. 18.
  - Use of heavy machineries in mining
  - Death of a lady at mining site.
  - Non availability of Maxine for blasting.
  - Non availability of land for plantation.
  - Depletion of ground water level in the region due to mining activities.
  - Proximity of the mining activities from the main roads of the village.
2. Compliance of the Terms, Conditions and commitments pertaining to existing mining plan has to be submitted.
3. Measures proposed for control of noise pollution expected from mining activities.

**4. Case No. 151/2008**

M/s Sangeeta Sharma, C/o, Shri Rakesh Sharma, Plot No. 601-B, Byranji town, Sadar, Nagpur. 440013 TOR issued vide letter no. 563 dated 02/09/08 -

*Project: Manganese ore deposit, village-plaspani, Tehsil-sausar, dist.-chhindwara. Mining lease Area-7.114 Ha. Cap. 1500 T/A*

This is a case for Manual Mining (MM) of Manganese, TOR for carrying out EIA / EMP was issued to the PP by SEAC vide letter no. 563 dated 02/09/08. The mine has been operational and was closed in compliance to the directions of Hon'ble High Court. The EIA/EMP report along with the proceedings of Public Hearing was submitted by the PP on 15/06/2009. Proponent along with his Consultant presented the EIA report and Public Hearing proceedings before the committee. After the deliberations SEAC has raised following queries, to be replied by the PP:

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(Suresh Chandra Jain)  
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-Sd-  
(V. Subramanian)  
Member SEAC

-Sd-  
(K.K. Goswami)  
Member SEAC

-Sd-  
(R.K. Jain)  
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- 1) The analyses report has to be reviewed with respect to the units of the values.
- 2) Ore analysis from Govt. approved laboratory has to be furnished.
- 3) Leachate analyses reports of ore and soil have to be submitted.
- 4) Fund allocation with break-up for Social Responsibility has to be submitted.
- 5) Physical & Financial plan for plantation in at least 33% of the total area within the lease period has to be submitted.
- 6) Source of water supply for the project and the permission for withdrawal of the same from concerned agency to be furnished.
- 7) Recent NOC from the forest department to be submitted.
- 7) Measures proposed to protect river Kanhan from the possible run-off of over burden.
- 8) Clarification on the issue of Court Case has to be submitted in detail along with supporting documents in context to the complaint filed by Shri Sheikh Navi.

**5. Case No. 157/2008**

**M/s. Shri Rakesh Sharma, Plot No. 345-B, Byranji town, Sadar, Nagpur. 440013**

**TOR issued vide letter no. 555 dated 02/09/08 -**

*Project: Dolomite deposit, Village-malegaon, Tehsil-sausar, dist.- Chhindwara. Mining Lease area 5.639 ha. Prod. 2000 TPA.*

Project proponent or his suitable authorized person was not present in the meeting hence committee decided to defer case till next meeting.

**6. Case No. 150/2008**

**M/s Sangeeta Sharma, C/o, Shri Rakesh Sharma, Plot No. 601-B, Byranji town, Sadar, Nagpur. 440013 TOR issued vide letter no. 561 dated 02/09/08**

*Project: Sitapur manganese Ore Deposit, Village-sitapur, Tehsil-sausar, Dist-chhindwara. Mining Lease Area 8.052 ha.*

Project proponent or his suitable authorized person was not present in the meeting hence committee decided to defer case till next meeting.

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**(R.K. Jain)  
Secretary**

**Cases for TOR approval.**

**7. Case No. 281/2009**

**Techno Electric & Engineering Co. Ltd 2F & 3F Park Plaza 71 Park Street, Kolkata (WB)**

*Project: Techno Electric & Engineering Co. Ltd for Rajgarh Bio-Power Ltd. at village - Pilukhedi Tehsil- Narsinghpur, Distt- Rajgarh (M.P)*

Proponent did not appear for the meeting despite of three continuous opportunities. Thus it was assumed that PP is not interested to continue with the project so Committee decided to return the case to SEIAA.

**8. Case No. 320/2009**

**M/s Sanghi Energy Ltd. 208-209, Pragati Tower Rajendra Place, New Delhi - 110008**

*Project: Bhadanpur Thermal Power Project Stage-1, (3x135 MW) Near Village- Bhadanpur, Tehsil- Maihar District- Satna (M.P) Case for TOR approval.*

< 500 MW (coal/lignite/naphtha & gas) based Thermal Power Plants are listed at S.N. 1(d) B of the Schedule of EIA Notification 2006. Hence these are to be appraised by the SEAC.

The applicant presented the salient features of the project and the proposed TOR. Information pertaining to the above project was examined by the committee. After discussion on the project committee has recommended to issue standard TOR with inclusion of following for preparation of EIA and EMP:

1. Land ownership document has to be furnished for the proposed location presented in the meeting.
2. Letter of assurance from Ministry of Coal for uninterrupted supply of coal has to be furnished with EIA.

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**-Sd-**

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3. Details of the source, quantity and quality of coal have to be furnished.
4. Mode of transportation of coal with the route to be furnished.
5. Measures proposed to avoid fugitive emissions from transportation of coal have to be addressed appropriately.
6. Plan for plantation in at least 33% of the total area has to be furnished.
7. Concrete plan for disposal of ash has to be submitted.
8. Measures proposed for control of emissions from stacks have to be reviewed so as to limit the emissions below 100 mg/Nm<sup>3</sup>. Detail calculation and the basis of proposed stack height have to be furnished.

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**(R.K. Jain)**  
**Secretary**

## **9. Case No. 410/2009**

**M/s Mittal Corp. Ltd. Abhay Prashal Race Course Road Indore (M.P)**

*Project: Expansion in capacity from 36000 TPA to 1,00,000 TPA for manufacturing M.S.S.S. Ingots Billet at Industrial Area Pithampur (M.P).*

Secondary metallurgical processing industry with production <200TPD are listed at S.N. 3(a), B of the schedule of EIA Notification 2006. Hence these are required to be appraised by the SEAC.

The applicant along with his consultant presented the salient features of the project and the proposed TOR. Information pertaining to the above project was examined by the committee. After discussion on the project committee has recommended to issue standard TOR with inclusion of following for preparation of EIA and EMP:

1. Registration from Industries department along with land allotment orders to be furnished with EIA.
2. Details of additional pollution control measures proposed in view of enhanced production.
3. Revised lay out with inclusion provisions for the storage area for waste, product and the raw material.
4. Written assurance from the concerned agency for supply of additional water required in view of enhanced production.
5. Concrete plan for plantation in at least 33% of the total area has to be submitted.
6. Plan for safe transportation of raw material and product has be furnished showing route.
7. Analyses of slag and the raw material from approved laboratory to be furnished.
8. Point-wise compliance of the terms and conditions laid down in the existing Air / Water Consent, Hazardous Waste (Management & Handling) Rules Authorization and the EC have to submitted.

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9. Measures proposed for handling of additional waste-water and solid wastes has to be detailed out.
10. All environmental monitoring has to carried out in accordance to the standard methods through Govt. approved laboratory.

**10. Case No. 413/2009**

**M/s Jain Carbides & Chemicals Ltd. Plot No. 557, 563, 564 Urla Industrial Area Raipur (CG)**

*Project: Manganese Ore mining: 6.264 Ha at Village- Jagantola, Tehsil- Baihar, Distt.- Balaghat (M.P)*

This being a mining project with lease area between 5ha to 50ha is listed at S.N. 1(a) of schedule under 'B' Category of EIA Notification, 2006 and is to be appraised by SEAC.

The applicant, presented the salient features of the project .Information pertaining to the above project was examined by the committee. After discussion on the project it was revealed that:

This is an open cast Operating mine with EC from MoEF and is proposed for transformation of mode of mining from OC to underground mining (UG) for which EC is requisite from SEAC. The ML area (6.264 Ha), product (*Manganese Ore*) production capacity (10,000 T/Y) is not proposed for any change. Committee has recommended following TOR for preparation of EIA and EMP:

- First part of EIA should elaborate the point-wise compliance of the terms and conditions laid down by MoEF in the existing EC.
- Ore and soil analyses have be carried out through Govt. approved laboratory including the concentration of other heavy metals.
- Detailed analysis of the water quality of pit-water has to be reported.
- Duly attested & certified Mining Plan approved by IBM has to be submitted along with the copy of current lease deed and lease letter issued by the State Mining Corporation.

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- Monitoring has to taken up as per the norms using appropriate air/water quality modeling, based on meteorological data (wind-rose) of the region.
- Plantation in at least 33% of the total area has to be ensured; accordingly plan has to be submitted with EIA. [Plantation Scheme].
- Total area for which afforestation has been proposed – plan stating how much plantation shall be taken up yearly, has to be submitted. Plantation of local species along with Sheesham, Neem, Amaltas, Tendu, Kachnar & various fire-wood trees should be taken up suitable to area.
- PFR should include cost benefit analyses considering- social cost, environment cost and pre-occupational cost.
- For welfare of the mine-workers various activities such as regular health checkups, first-aid, shelter for rest and meals, drinking water etc. has to be taken up. Nearby mine owners may form a society and funds for welfare of mine-workers may be created from various govt. schemes and other sources. This aspect has to be covered in the EMP.
- Management of OB solid waste generated during mining has to be addressed through incorporation of a concrete plan for the same.
- Water-shed management plan to be submitted, in view of the damages caused in the catchment-area of rivers falling in the prescribed study area of mining region & to support the ground-water recharging.
- In land use map, details regarding the agricultural crops pattern around the mining area should also be added.
- Map depictions: coloured maps depicting land use of the region showing sensitive / fragile features and detailed lay-out of the site clearly showing green-belt (existing & planned)
- Species proposed in the green belt development should be notified.
- Satellite Image of the location of mine should be submitted with demarcation of other proposed/in operation mines in nearby area.
- Location is also to be shown in Tehsil map procured from revenue department.
- The EIA should be prepared based on model TOR for appraisal of mining projects issued by MoEF, Delhi
- NOC / Recommendation from the concerned DFO to be submitted.

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**Member SEAC**

**-Sd-**

**(R.K. Jain)**  
**Secretary**

**11. Case No. 295/2009**

**Shri Rajendra S/o Shri Punam Chand Chouhan, Bakwadi, Distt- Badwani (M.P) Sand mine  
8.215 Ha at Bhulgaon Teh- Vijayraghogarh, Distt- Katni (M.P)**

*Project: Sand mine 8.215 Ha at Bhulgaon Teh- Vijayraghogarh, Distt- Katni (M.P)*

The proponent did not appear in the meeting hence the committee decided to call the PP in next meeting.

**12. Case No. 404/2009**

**Shri Yogesh Ratilal Shah, Rajpur, Burhanpur, Distt- Burhanpur (M.P)**

*Project: Sand mine 33.73 Ha at village Fatehpur Teh.- Burhanpur, Distt. Burhanpur (M.P)*

This being a mining project with lease area between 5ha to 50ha is listed at S.N. 1(a) of schedule under 'B' Category of EIA Notification, 2006 and is to be appraised by SEAC.

The applicant, presented the salient features of the project .Information pertaining to the above project was examined by the committee. After discussion on the project committee has recommended following TOR for preparation of REIA and EMP:

1. Incorporate the list of aquatic animals (fauna) found in the water body where the sand mining is proposed.
2. Incorporate the list of aquatic animals (fauna) found to visit the water bodies located within 2 Km around the mining site.
3. EMP should address the steps planned to avoid any disturbance in the routine activities of aquatic animal which may be caused due to mining.
4. Mining should be planned at least 50-100 meters away from the main stream of the water body. Accordingly, drawing of demarked mining area should be furnished.
5. Measures planned or taken to check the soil erosion due to transportation have to be detailed out.
6. Sand-loading station should be at least 100 meters away from the main stream of

**-Sd-**

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Member SEAC**

**-Sd-**

**(R.K. Jain)  
Secretary**

- the water body, location to be shown on a map.
7. Sand should be transported in covered vehicles to avoid dispersion of particles in atmosphere.
  8. Mining or loading/ unloading should be avoided at junctions or turning points of the water body (river).
  9. Safe distances from Railway and Road bridges should be maintained, these distances have to be reported in the report.
  10. Safe distance from monuments of Local or Archeological importance and the fragile areas such as National Parks, Wild Life Sanctuaries, Protected Forests etc. should be maintained in accordance to the rules and guidelines laid down by the concerned departments.
  11. Permissions and NOCs' from various departments such as Forest, Gram Panchayat and Local Bodies etc. have to be furnished with report.

### **13. Case No. 405/2009**

**Shri Yogesh Ratilal Shah, Rajpur, Burhanpur, Distt- Burhanpur (M.P)**

*Project: Sand mine 49.47 Ha at village Jainabad Distt. Burhanpur (M.P)*

This being a mining project with lease area between 5ha to 50ha is listed at S.N. 1(a) of schedule under 'B' Category of EIA Notification, 2006 and is to be appraised by SEAC.

The applicant, presented the salient features of the project .Information pertaining to the above project was examined by the committee. After discussion on the project committee has recommended following TOR for preparation of REIA and EMP:

- 1) Incorporate the list of aquatic animals (fauna) found in the water body where the sand mining is proposed.
- 2) Incorporate the list of aquatic animals (fauna) found to visit the water bodies located within 2 Km around the mining site.
- 3) EMP should address the steps planned to avoid any disturbance in the routine activities of aquatic animal which may be caused due to mining.
- 4) Mining should be planned at least 50-100 meters away from the main stream of the water body. Accordingly, drawing of demarked mining area should be

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**Member SEAC**

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**(R.K. Jain)**  
**Secretary**

furnished.

- 5) Measures planned or taken to check the soil erosion due to transportation have to be detailed out.
- 6) Sand-loading station should be at least 100 meters away from the main stream of the water body, location to be shown on a map.
- 7) Sand should be transported in covered vehicles to avoid dispersion of particles in atmosphere.
- 8) Mining or loading/ unloading should be avoided at junctions or turning points of the water body (river).
- 9) Safe distances from Railway and Road bridges should be maintained, these distances have to be reported in the report.
- 10) Safe distance from monuments of Local or Archeological importance and the fragile areas such as National Parks, Wild Life Sanctuaries, Protected Forests etc. should be maintained in accordance to the rules and guidelines laid down by the concerned departments.
- 11) Permissions and NOCs' from various departments such as Forest, Gram Panchayat and Local Bodies etc. have to be furnished with report.

#### **14. Case No. 406/2009**

**Shri Yogesh Ratilal Shah, Rajpur, Burhanpur, Distt- Burhanpur (M.P)**

*Project: Sand mine 49.47 Ha at village- Emmagird, Tehsil- Burhanpur Distt.- Burhanpur (M.P)*

This being a mining project with lease area between 5ha to 50ha is listed at S.N. 1(a) of schedule under 'B' Category of EIA Notification, 2006 and is to be appraised by SEAC.

The applicant, presented the salient features of the project .Information pertaining to the above project was examined by the committee. After discussion on the project committee has recommended following TOR for preparation of REIA and EMP:

- 1) Incorporate the list of aquatic animals (fauna) found in the water body where the sand mining is proposed.
- 2) Incorporate the list of aquatic animals (fauna) found to visit the water bodies located within 2 Km around the mining site.

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**Member SEAC**

**-Sd-**

**(R.K. Jain)**  
**Secretary**

- 3) EMP should address the steps planned to avoid any disturbance in the routine activities of aquatic animal which may be caused due to mining.
- 4) Mining should be planned at least 50-100 meters away from the main stream of the water body. Accordingly, drawing of demarked mining area should be furnished.
- 5) Measures planned or taken to check the soil erosion due to transportation have to be detailed out.
- 6) Sand-loading station should be at least 100 meters away from the main stream of the water body, location to be shown on a map.
- 7) Sand should be transported in covered vehicles to avoid dispersion of particles in atmosphere.
- 8) Mining or loading/ unloading should be avoided at junctions or turning points of the water body (river).
- 9) Safe distances from Railway and Road bridges should be maintained, these distances have to be reported in the report.
- 10) Safe distance from monuments of Local or Archeological importance and the fragile areas such as National Parks, Wild Life Sanctuaries, Protected Forests etc. should be maintained in accordance to the rules and guidelines laid down by the concerned departments.
- 11) Permissions and NOCs' from various departments such as Forest, Gram Panchayat and Local Bodies etc. have to be furnished with report.

### **15. Case No. 407/2009**

**Shri Omkar Bade, Budhwara, Burhanpur, Distt- Burhanpur (M.P)**

*Project: Sand mine 7.54 Ha at village- Borekund, Tehsil- Burhanpur Distt.- Burhanpur (M.P)*

This being a mining project with lease area between 5ha to 50ha is listed at S.N. 1(a) of schedule under 'B' Category of EIA Notification, 2006 and is to be appraised by SEAC.

The applicant, presented the salient features of the project .Information pertaining to the above project was examined by the committee. After discussion on the project committee has recommended following TOR for preparation of REIA and EMP:

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(R.K. Jain)  
Secretary**

- 1) Incorporate the list of aquatic animals (fauna) found in the water body where the sand mining is proposed.
- 2) Incorporate the list of aquatic animals (fauna) found to visit the water bodies located within 2 Km around the mining site.
- 3) EMP should address the steps planned to avoid any disturbance in the routine activities of aquatic animal which may be caused due to mining.
- 4) Mining should be planned at least 50-100 meters away from the main stream of the water body. Accordingly, drawing of demarked mining area should be furnished.
- 5) Measures planned or taken to check the soil erosion due to transportation have to be detailed out.
- 6) Sand-loading station should be at least 100 meters away from the main stream of the water body, location to be shown on a map.
- 7) Sand should be transported in covered vehicles to avoid dispersion of particles in atmosphere.
- 8) Mining or loading/ unloading should be avoided at junctions or turning points of the water body (river).
- 9) Safe distances from Railway and Road bridges should be maintained, these distances have to be reported in the report.
- 10) Safe distance from monuments of Local or Archeological importance and the fragile areas such as National Parks, Wild Life Sanctuaries, Protected Forests etc. should be maintained in accordance to the rules and guidelines laid down by the concerned departments.
- 11) Permissions and NOCs' from various departments such as Forest, Gram Panchayat and Local Bodies etc. have to be furnished with report.

Meeting ended with thanks to the Chair.

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**-Sd-**  
**(Suresh Chandra Jain)**  
**Chairman SEAC**

**-Sd-**  
**(V. Subramanian)**  
**Member SEAC**

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