

## **1.0 Opening Remarks of the Chairman**

The Chairman welcomed all the members of the Committee (**Annexure-1**) and thereafter agenda item taken up for deliberations. The list of participants present during meeting is annexed as **Annexure-2**.

## **2.0 Consideration of the Projects**

Following issues were discussed and decided:-

- A. Next meeting of the committee i.e. the tenth meeting was confirmed for 24<sup>th</sup> September 2008, to expedite various cases received for EC.
- B. Total 32 cases for TOR were invited for deliberations out of which only 20 cases were considered for issue of TOR.
- C. It was noticed that some of the Project Proponents are not attending the SEAC meetings inspite of three or more requests. Thus it was decided that the case of such Project Proponents shall be rejected because it appears that they are no more interested to continue with the projects.

The proceedings of the meeting are as follows:

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

**3.0 Cases for TOR**

**1- Case No. 64/2008**

**Sh. Rituraj Verma, Adhartal, Jabalpur. M.P.**

*Project: Kaliwas Laterite Mine (Proposed mineral iron ore, manganese) Toposheet No. 54M/15, Khasra No. 1, Village kaliwas, Tahsil Sehora, District Jabalpur Area- 13.57 Ha.*

Applicant is absent since last 5 meetings, it appears that Project Proponent is not interested to continue with the project hence committee decided to reject the case.

**2. Case No.67/2008**

**Sh. Haji Gulam Sipten, R/o Mission Chowk, Katni.**

*Project: Padarwara Bauxite Mine of Sh. Haji Gulam Sipten. Toposheet No. 64A/5, Khasra No. xxx, Village Padarwara, Tehsil Murwara, District Katni. Mining Leases Area 20.104 Ha.*

The mining projects of <50 ha or > 5 ha of mining lease area are listed at S.N. 1(a) of schedule under 'B' Category of EIA Notification, 2006 and are to be appraised by SEAC.

The applicant, assigned by his consultant presented the salient features of the project and the draft Terms of Reference for undertaking detailed EIA study.

After detailed deliberations, the SEAC has recommended the inclusion of following TORS in the preparation of EIA/EMP:-

- Duly attested & certified Mining Plan with mine closure 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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- Detailed & factual chemical analyses of the ore should be carried out and presented in EIA
- Monitoring has to taken up as per the norms using appropriate air/water quality modeling, based on meteorological data (wind-rose) of the region.
- 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, Tendu, Kachnar & various fire-wood should be taken up
- PFR should include cost benefit analyses considering- social cost, environment cost and pre-occupational cost.
- Water requirement should be evaluated and accordingly the supply should be ascertained through a written agreement with concerned panchayat.
- Authenticated photographs of the area specially depicting green area & mining activity be enclosed with EIA.
- 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. Near by mine owners may form a society and funds for welfare of mine-workers may be created from various govt. schemes & 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.
- A leachate study of the solid waste has to be conducted.
- 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, the 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.

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- 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

**3. Case No. 58/2008**

**M/s. Kunjilal Ishwari Prasad Agarwal, Village & Post-Jaitwara, District-satna**  
Koldiha-II, Bauxite, White clay, Ochre & laterite mine of Kunjilal Ishwari Prasad  
Agarwal(25000MT/A) Mining Lease Area-45.892 Ha.

Applicant is absent since last 5 meetings, it appears that Project Proponent is not interested to continue with the project hence committee decided to reject the case.

**4. Case No. 90/2008**

**M/S Ruchi Enterprises, 373, Sarva Sampanna Nagar Indore (M.P)**

*Project: Reclaiming of Lead Ingots through Lead-Acid Battery Recycling Survey No.  
193/1 Gram: Navada Panth, Dhar Road Indore (M.P)*

Applicant is absent since last 3 meetings, it appears that Project Proponent is not interested to continue with the project hence committee decided to reject the case.

**5. Case No. 95/2008**

**Aslam Ahamad S/o Late Shri Ishak Ahamad Mission Chowk P.O Katni, Distt.  
Katni (M.P)**

*Project: Bhatgawan Sunehara Limestone & Dolomite Mine Lease Area 25.19 Ha  
Prod.: 4820 MT/Y*

The applicant requested for withdrawal of case, committee has accepted the request.

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**6. Case No. 103/2008**

**Motilal Jain , Shri Kamal Narayan Agarwal , Baniganj Chhatarpur (M.P)**

*Project: Motigarh Red Ochre & Laterite Mines Khasra: 370/1 Village: Motigarh Teh:  
Chhatarpur District : Chahatarpur Area: 13.794 Ha Prod: 7500 MT/Y.*

The applicant did not appear for the presentation hence may be considered for the next meeting.

**7. Case No. 114/2008**

**Umakant Patel Village Kakiya, tehsil: Bichchiya, Dist: Mandla (M.P)**

*Project: Kakaiya Dolomite Mines, Village kakiya, tehsil: Bichchiya, Dist: Mandla Area:  
5.11 Ha*

The applicant did not appear for the presentation hence may be considered for the next meeting.

**8. Case No. 126/2008**

**Sh. Shabbir Ahmad Siddique, PO Jaitwara, Dist. Satna. Pin-485221**

*Kathara-Kothar Laterite Mine, Village-Kathera-KOthar, Tehsil-Raghuraj nagar, Dist.  
Satna. Mining Lease Area 7.025 ha.,3500 T/A*

The applicant did not appear for the presentation hence may be considered for the next meeting.

**9. Case No. 143/2008**

**Sarvesh Pratap Singh, Village- Raghunathpur, Post-Janardanpur, Dist.- Satna.  
M.P.**

*Project: Sarvesh Pratap Singh, Mine at Village-Goriya, district- Satna. Mining Lease  
Area- 7.687 Ha.*

Only consultant came for presentation of the case, as the owner of the mines did not

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come the committee did not accepted the presentation and called the applicant for the next meeting.

**10. Case No. 149/2008**

**Shri Sanjay Yadav, S/o Gopal Yadav, Bypass Road, Morena. M.P.**

*Project:* Stone Gitti Mine, gram-Majara, Tehsil & District- Morene. Mining Lease Area- 13.20 Ha.

Only consultant came for presentation of the case, as the mine owner did not come the committee did not accepted the presentation and called the applicant for the next meeting. The application form was also found to be incomplete the same has to be completed and submitted.

**11. Case No. 169/2008**

**Raibahadur sriram & Co. Pvt. Ltd. Sriram bhawan, Tumsar, Maharastra**

*OC Manganese Mine, Village-Chikmara, Dist-Balaghat. Mining Lease Area-8.16 ha.  
Prod. Cap.-12500 MT/A*

. The mining projects of <50 ha or > 5 ha of mining lease area are listed at S.N. 1(a) of schedule under 'B' Category of EIA Notification, 2006 and are to be appraised by SEAC.

The applicant, assigned by his consultant presented the salient features of the project and the draft Terms of Reference for undertaking detailed EIA study.

After detailed deliberations, the SEAC has recommended the inclusion of following TORS in the preparation of EIA/EMP:-

- Duly attested & certified Mining Plan with mine closure 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.
- Detailed & factual chemical analyses of the ore should be carried out and presented in EIA

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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.
- 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, Tendu, Kachnar & various fire-wood should be taken up
- PFR should include cost benefit analyses considering- social cost, environment cost and pre-occupational cost.
- Water requirement should be evaluated and accordingly the supply should be ascertained through a written agreement with concerned panchayat.
- Authenticated photographs of the area specially depicting green area & mining activity be enclosed with EIA.
- 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. Near by mine owners may form a society and funds for welfare of mine-workers may be created from various govt. schemes & 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.
- A leachate study of the solid waste has to be conducted.
- 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, the 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.

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- The EIA should be prepared based on model TOR for appraisal of mining projects issued by MoEF, Delhi

**12. Case No. 170/2008**

**Raibahadur Sriram & Co. Pvt. Ltd. Sriram bhawan, Tumsar, Maharashtra**

*Project: OC Manganese Mine, Village-Selwa, Dist-Balaghat. Mining Lease Area-6.71 ha. Prod. Cap.-8000 MT/A*

The mining projects of <50 ha or > 5 ha of mining lease area are listed at S.N. 1(a) of schedule under 'B' Category of EIA Notification, 2006 and are to be appraised by SEAC.

The applicant, assigned by his consultant presented the salient features of the project and the draft Terms of Reference for undertaking detailed EIA study.

After detailed deliberations, the SEAC has recommended the inclusion of following TORS in the preparation of EIA/EMP:-

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- 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.
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**13. [171/2008]**

**Brijesh Soni, Near chhoti Devi Temple, Tikamgarh, M.P.**

*Project: Dargawan Quartz deposit Mine, Village-Dargawan, dist- Tikamgarh.*

*Mining Lease Area 12.0Ha. Prod. cap.-15,000 MT/A*

The mining projects of <50 ha or > 5 ha of mining lease area are listed at S.N.

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1(a) of schedule under 'B' Category of EIA Notification, 2006 and are to be appraised by SEAC.

The applicant, assigned by his consultant presented the salient features of the project and the draft Terms of Reference for undertaking detailed EIA study.

After detailed deliberations, the SEAC has recommended the inclusion of following TORS in the preparation of EIA/EMP:-

- Duly attested & certified Mining Plan with mine closure 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.
- Detailed & factual chemical analyses of the ore should be carried out and presented in EIA
- Monitoring has to taken up as per the norms using appropriate air/water quality modeling, based on meteorological data (wind-rose) of the region.
- 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, Tendu, Kachnar & various fire-wood should be taken up
- PFR should include cost benefit analyses considering- social cost, environment cost and pre-occupational cost.
- Water requirement should be evaluated and accordingly the supply should be ascertained through a written agreement with concerned panchayat.
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- Management of OB solid waste generated during mining has to be addressed through incorporation of a concrete plan for the same.
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- 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, the 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

**14. [172/2008]**

**Sh. M. Komaraiah, MD, Shalivahana Green Energy Ltd, 7<sup>th</sup>. Floor, Minerwa complex, 94-SD road, Secundarabad**

*Project: Shalivahana Green Energy Ltd, village-Bhandei, Dist-Chhindwara. 12 MW Biomass Based Power Plant.*

The renewable energy projects < 50 MW or > 5 MW (Pet coke, diesel and all other fuels) are listed at S.N. 1(d) of schedule under 'B' Category of EIA Notification, 2006 and are to be appraised by SEAC.

Applicant, aided by the consultant gave a presentation on the salient features of the project and the draft Terms of Reference for undertaking detailed EIA study.

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- *Information in Application Form:* The inform one is incomplete with respect to point no. 1.14,1.28,4.2,4.3,4.6,4.7,4.11,5.1,7.1 and 8.3. Project Proponent was asked to submit detailed information on above points.
- *Raw material:* Source & availability (quantification of demand vis-à-vis collection) of bio-mass with supportive documentation (lease, agreements etc.) to be produced. In case separate land is hired or acquired for bio-mass cultivation documents pertaining to the same have to be produced. Quality of coal has to be certified by the supplier.
- *Ash management:* Plan for disposal of ash has to be submitted with supportive documenation.
- *Water:* Continuous water supply has to be ensured. Sources of water to be incorporated with details of ground water potential, quality and use in the region duly certified from State / Central Ground Water Board. Approval and commitments from the concerned departments have to be furnished with EIA. Evaluation of ground-water withdrawal vis-à-vis recharge to be provided along with a concrete plan of GW-recharging.
- *Permission from the concerned authority for laying of pipeline should be obtained and submitted with EIA.*
- Permission for drawal of water from river be obtained from concerned authority and enclosed with EIA.
- Clear land title document be submitted with EIA as so far only land agreement is done.
- Economics of RDF should be worked out and submitted with EIA.
- Cost economics of pipe line from river to plant should be worked out and submitted with EIA.
- *Social Corporate Responsibility:* Details of welfare activities planned for the workers to be provided.
- *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)
- Satellite Image of the location should be submitted.
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**15. [173/2008]**

**Shri I Rajababu, MD, Minarwa power Corp. Ltd., 7<sup>th</sup>. Floor, Minerwa complex, 94-SD road, Secundarabad**

*Project: Minarwa power Corp. Ltd., Village-Barouli, Dist-Umaria 10 MW Biomass Based Power Plant*

The renewable energy projects < 50 MW or > 5 MW (Pet coke, diesel and all other fuels) are listed at S.N. 1(d) of schedule under 'B' Category of EIA Notification, 2006 and are to be appraised by SEAC.

Applicant, aided by the consultant gave a presentation on the salient features of the project and the draft Terms of Reference for undertaking detailed EIA study.

After detailed deliberations, the SEAC has recommended the inclusion of following TORS in the preparation of EIA/EMP:-

- *Information in Application Form:* The inform one is incomplete with respect to point no. 1.14,1.28,4.2,4.3,4.6,4.7,4.11,5.1,7.1 and 8.3. Project Proponent was asked to submit detailed information on above points.
- *Raw material:* Source & availability (quantification of demand vis-à-vis collection) of bio-mass with supportive documentation (lease, agreements etc.) to be produced. In case separate land is hired or acquired for bio-mass cultivation documents pertaining to the same have to be produced. Quality of coal has to be certified by the supplier.
- *Ash management:* Plan for disposal of ash has to be submitted with supportive documenation.
- *Water:* Continuous water supply has to be ensured. Sources of water to be incorporated with details of ground water potential, quality and use in the region duly certified from State / Central Ground Water Board. Approval and commitments from the concerned departments have to be furnished with EIA.

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Evaluation of ground-water withdrawal vis-à-vis recharge to be provided along with a concrete plan of GW-recharging.

- *Permission from the concerned authority for laying of pipeline should be obtained and submitted with EIA.*
- Permission for drawal of water from river be obtained from concerned authority and enclosed with EIA.
- Clear land title document be submitted with EIA as so far only land agreement is done.
- Economics of RDF should be worked out and submitted with EIA.
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- Satellite Image of the location should be submitted.
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**16. [175/2008]**

**M/s Raghuvir Ferro Alloys (P) Ltd., Plots No. 103-113, 130-13, Sector-C,  
Industrial Area Urla, Raipur.**

*Project: Jagantola Manganese Ore Mine, village-Jagantola, Tehsil- Baihar, Dist-  
Balaghat. Mining Area 8.11 Ha, Prod. Cap. 1000 T/A.*

The mining projects of <50 ha or > 5 ha of mining lease area are listed at S.N. 1(a) of schedule under 'B' Category of EIA Notification, 2006 and are to be appraised by SEAC.

The applicant, assigned by his consultant presented the salient features of the

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- Water requirement should be evaluated and accordingly the supply should be ascertained through a written agreement with concerned panchayat.
- Authenticated photographs of the area specially depicting green area & mining activity be enclosed with EIA.
- 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. Near by mine owners may form a society and funds for welfare of mine-workers may be created from various govt. schemes & 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.
- A leachate study of the solid waste has to be conducted.
- 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, the details regarding the agricultural crops pattern around the mining area should also be added.

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

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

**(S.R. Shukla)**  
**Member SEAC**

**(Prof. K.C. Mathur)**  
**Member SEAC**

**(K.K. Goswami)**  
**Member SEAC**

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

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- 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

**17. [176/2008]**

**Sh. Vinod Kumar Jain, #-Arjun Complex, JDA, Near Bhawartal Garden, Jabalpur, M.P.**

*Project: Kokamukur Laterite, iron ore, manganese ore, Quartz and Clay Mine, Village –Kokamukur, Tehsil-Sihora, Dist- Jabalpur. Mining Lease Area-17.008 Ha. Prod. Cap.-61,000 T/A*

The mining projects of <50 ha or > 5 ha of mining lease area are listed at S.N. 1(a) of schedule under 'B' Category of EIA Notification, 2006 and are to be appraised by SEAC.

The applicant, assigned by his consultant presented the salient features of the project and the draft Terms of Reference for undertaking detailed EIA study.

After detailed deliberations, the SEAC has recommended the inclusion of following TORS in the preparation of EIA/EMP:-

- Duly attested & certified Mining Plan with mine closure 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.
- Detailed & factual chemical analyses of the ore should be carried out and presented in EIA

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

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

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**Member SEAC**

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**MINUTES OF 10<sup>th</sup> MEETING OF STATE EXPERT APPRAISAL  
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- Copy of the EC earlier issued by MoEF to be submitted along with the compliance statement with EIA.
- Prospecting of Mn-Ore be done [as Mn% is only about 25 %] during EIA.
- Monitoring has to taken up as per the norms using appropriate air/water quality modeling, based on meteorological data (wind-rose) of the region.
- 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, Tendu, Kachnar & various fire-wood should be taken up
- PFR should include cost benefit analyses considering- social cost, environment cost and pre-occupational cost.
- Water requirement should be evaluated and accordingly the supply should be ascertained through a written agreement with concerned panchayat.
- Authenticated photographs of the area specially depicting green area & mining activity be enclosed with EIA.
- 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. Near by mine owners may form a society and funds for welfare of mine-workers may be created from various govt. schemes & 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.
- A leachate study of the solid waste has to be conducted.
- 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, the 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.

**(Suresh Chandra Jain)**  
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**Member SEAC**

**(K.K. Goswami)**  
**Member SEAC**

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

- 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

**18. [177/2008]**

**M/s Sawaliya Minerals Grinding Industries, 110, Chardrashekhar Azad marg, PO-Alirajpur, Dist-Jhabua(M.P.)**

*Project: Kharkhari Dolomite Mine, Village-Kharkhari, Tehsil-Alirajpur, Dist-Jhabua. Mining Lease Area-5.0 Ha. Prod. Cap.8500T/A.*

The mining projects of <50 ha or > 5 ha of mining lease area are listed at S.N. 1(a) of schedule under 'B' Category of EIA Notification, 2006 and are to be appraised by SEAC.

The applicant, assigned by his consultant presented the salient features of the project and the draft Terms of Reference for undertaking detailed EIA study.

After detailed deliberations, the SEAC has recommended the inclusion of following TORS in the preparation of EIA/EMP:-

- Duly attested & certified Mining Plan with mine closure 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.
- Detailed & factual chemical analyses of the ore should be carried out and presented in EIA
- Monitoring has to taken up as per the norms using appropriate air/water quality modeling, based on meteorological data (wind-rose) of the region.
- 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, Tendu, Kachnar & various fire-wood should be taken up

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

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

**MINUTES OF 10<sup>th</sup> MEETING OF STATE EXPERT APPRAISAL  
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- PFR should include cost benefit analyses considering- social cost, environment cost and pre-occupational cost.
- Water requirement should be evaluated and accordingly the supply should be ascertained through a written agreement with concerned panchayat.
- Authenticated photographs of the area specially depicting green area & mining activity be enclosed with EIA.
- 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. Near by mine owners may form a society and funds for welfare of mine-workers may be created from various govt. schemes & 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.
- A leachate study of the solid waste has to be conducted.
- 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, the 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

**19. [179/2008]**

**Sh. Brij Kishore Bhargav, Bhargav House, Nai basti, PO Katni. M.P.**

**(Suresh Chandra Jain)**  
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**Secretary SEAC**

**MINUTES OF 10<sup>th</sup> MEETING OF STATE EXPERT APPRAISAL  
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*Project: Bhaiswahi Laterite and Clay Mine, Village-Bhaiswahi, Taluka-Murwara,  
District-katni. Mining Lease Area 30.394 Ha. Prod. Cap. 60,000 T/A*

The mining projects of <50 ha or > 5 ha of mining lease area are listed at S.N. 1(a) of schedule under 'B' Category of EIA Notification, 2006 and are to be appraised by SEAC.

The applicant, assigned by his consultant presented the salient features of the project and the draft Terms of Reference for undertaking detailed EIA study.

After detailed deliberations, the SEAC has recommended the inclusion of following TORS in the preparation of EIA/EMP:-

- Duly attested & certified Mining Plan with mine closure 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.
- Detailed & factual chemical analyses of the ore should be carried out and presented in EIA
- Monitoring has to taken up as per the norms using appropriate air/water quality modeling, based on meteorological data (wind-rose) of the region.
- 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, Tendu, Kachnar & various fire-wood should be taken up
- PFR should include cost benefit analyses considering- social cost, environment cost and pre-occupational cost.
- Water requirement should be evaluated and accordingly the supply should be ascertained through a written agreement with concerned panchayat.
- Authenticated photographs of the area specially depicting green area & mining activity be enclosed with EIA.
- 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. Near by mine owners may form a society and funds for welfare of mine-workers may be created from various govt. schemes & other sources. This aspect has to be covered in the EMP.

**(Suresh Chandra Jain)**  
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**Member SEAC**

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

- Management of OB solid waste generated during mining has to be addressed through incorporation of a concrete plan for the same.
- A leachate study of the solid waste has to be conducted.
- 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, the 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.
- Economic of water requirement from tanks be worked out and suitably the cost benefit analysis be recalculated in EIA.
- Distance certificate from DFO for nearest forest to be furnished.
- The EIA should be prepared based on model TOR for appraisal of mining projects issued by MoEF, Delhi

**20. [Case No. 180/2008]**

**M/s Hiralal Rameshwar Prasad, PO Jaitwara, dist- Satna. M.P. 485221**

*Project: Naugawan Ochre Fire Clay Bauxite and laterite Mine, Village- Naugawan, Dist-Satna. Mining Lease Area-13.44 Ha. Prod. Cap. 60,000 T/A*

The mining projects of <50 ha or > 5 ha of mining lease area are listed at S.N. 1(a) of schedule under 'B' Category of EIA Notification, 2006 and are to be appraised by SEAC.

The applicant, assigned by his consultant presented the salient features of the project and the draft Terms of Reference for undertaking detailed EIA study.

**(Suresh Chandra Jain)**  
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**Member SEAC**

**(K.K. Goswami)**  
**Member SEAC**

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

After detailed deliberations, the SEAC has recommended the inclusion of following TORS in the preparation of EIA/EMP:-

- Duly attested & certified Mining Plan with mine closure 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.
- Detailed & factual chemical analyses of the ore should be carried out and presented in EIA
- Monitoring has to taken up as per the norms using appropriate air/water quality modeling, based on meteorological data (wind-rose) of the region.
- 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, Tendu, Kachnar & various fire-wood should be taken up
- PFR should include cost benefit analyses considering- social cost, environment cost and pre-occupational cost.
- Water requirement should be evaluated and accordingly the supply should be ascertained through a written agreement with concerned panchayat.
- Authenticated photographs of the area specially depicting green area & mining activity be enclosed with EIA.
- 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. Near by mine owners may form a society and funds for welfare of mine-workers may be created from various govt. schemes & other sources. This aspect has to be covered in the EMP.
- Economic of water requirement from tanks be worked out and suitably the cost benefit analysis be recalculated in EIA.
- Management of OB solid waste generated during mining has to be addressed through incorporation of a concrete plan for the same.
- A leachate study of the solid waste has to be conducted.
- 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.

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**Member SEAC**

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

- In land use, the 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

**21. [Case No. 181/2008]**

**M/s Sangeeta minerals, 72 First floor, Adity Avanu Building, Zone II, M.P. Nagar, Bhopal (M.P.)**

*Project: Rosra bauxite, Laterite and Clay Mine, Village-Rosra, Dist- Jabalpur. Mining Lease Area 5.22 ha. Prod. Cap. 50,000 T/A*

The mining projects of <50 ha or > 5 ha of mining lease area are listed at S.N. 1(a) of schedule under 'B' Category of EIA Notification, 2006 and are to be appraised by SEAC.

The applicant, assigned by his consultant presented the salient features of the project and the draft Terms of Reference for undertaking detailed EIA study.

After detailed deliberations, the SEAC has recommended the inclusion of following TORS in the preparation of EIA/EMP:-

- Duly attested & certified Mining Plan with mine closure 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.
- Detailed & factual chemical analyses of the ore should be carried out and presented in EIA

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**MINUTES OF 10<sup>th</sup> MEETING OF STATE EXPERT APPRAISAL  
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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.
- 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, Tendu, Kachnar & various fire-wood should be taken up
- PFR should include cost benefit analyses considering- social cost, environment cost and pre-occupational cost.
- Water requirement should be evaluated and accordingly the supply should be ascertained through a written agreement with concerned panchayat.
- Authenticated photographs of the area specially depicting green area & mining activity be enclosed with EIA.
- 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. Near by mine owners may form a society and funds for welfare of mine-workers may be created from various govt. schemes & 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.
- A leachate study of the solid waste has to be conducted.
- 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.
- Economic of water requirement from tanks be worked out and suitably the cost benefit analysis be recalculated in EIA.
- In land use, the 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.

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**MINUTES OF 10<sup>th</sup> MEETING OF STATE EXPERT APPRAISAL  
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- 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

**22. [Case No. 182/2008]**

**R. K. Mineral Corp. Prop. Rakesh Kumar Jain, Sawarkar Ward, Nai Basti, Katni**

*Project: Kandari Lime stone and Clay Mine, Village-Kandari, Dist-sagar.*

*Mining Lease Area-40.00Ha. Prod. Cap. 1500 MT/A*

The mining projects of <50 ha or > 5 ha of mining lease area are listed at S.N. 1(a) of schedule under 'B' Category of EIA Notification, 2006 and are to be appraised by SEAC.

The application was found to be incomplete and PFR, TOR were not enclosed. The mining plan was also not enclosed. Committee has directed for complete submission of the documents only than the case can be considered for hearing.

**22. [Case No. 183/2008]**

**R. K. Mineral Corp. Prop. Rakesh Kumar Jain, Sawarkar Ward, Nai Basti, Katni**

*Project: Kandari Lime stone and Clay Mine, Village-Kandari, Dist-sagar.*

*Mining Lease Area-15.04Ha. Prod. Cap. 1200 MT/A*

The application was found to be incomplete and PFR, TOR were not enclosed. The mining plan was also not enclosed. Committee has directed for complete submission of the documents only than the case can be considered for hearing.

**24. [Case No. 184/2008]**

**Sh. Ghanshyam Das Mahawar, Vishram baba, Housing Board Colony, MIG-A,23,  
Opposite R.S. Memorial School, Katni.**

*Project: Pindrai Fireclay, Laterite and Silica Sand Mine, The.- Dhimarkhera, Dist-Katni.*

**(Suresh Chandra Jain)**  
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**MINUTES OF 10<sup>th</sup> MEETING OF STATE EXPERT APPRAISAL  
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*Mining Lease Area-8.0 Ha. Prod. Cap. 2400 T/A*

The mining projects of <50 ha or > 5 ha of mining lease area are listed at S.N. 1(a) of schedule under 'B' Category of EIA Notification, 2006 and are to be appraised by SEAC.

The applicant, assigned by his consultant presented the salient features of the project and the draft Terms of Reference for undertaking detailed EIA study.

After detailed deliberations, the SEAC has recommended the inclusion of following TORS in the preparation of EIA/EMP:-

- Duly attested & certified Mining Plan with mine closure 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.
- Detailed & factual chemical analyses of the ore should be carried out and presented in EIA
- Monitoring has to be taken up as per the norms using appropriate air/water quality modeling, based on meteorological data (wind-rose) of the region.
- 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, Tendu, Kachnar & various fire-wood should be taken up
- PFR should include cost benefit analyses considering- social cost, environment cost and pre-occupational cost.
- Water requirement should be evaluated and accordingly the supply should be ascertained through a written agreement with concerned panchayat.
- Authenticated photographs of the area specially depicting green area & mining activity be enclosed with EIA.
- 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. Near by mine owners may form a society and funds for welfare of mine-workers may be created from various govt. schemes & other sources. This aspect has to be covered in the EMP.

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**Member SEAC**

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

- Economic of water requirement from tanks be worked out and suitably the cost benefit analysis be recalculated in EIA.
- Management of OB solid waste generated during mining has to be addressed through incorporation of a concrete plan for the same.
- A leachate study of the solid waste has to be conducted.
- 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, the 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

**24. [Case No. 184/2008]**

**Sh. Ghanshyam Das Mahawar, Vishram baba, Housing Board Colony, MIG-A,23,  
Opposite R.S. Memorial School, Katni.**

*Project: Pindrai Fireclay, Laterite and Silica Sand Mine, The.- Dhimarkhera, Dist-Katni.  
Mining Lease Area-8.0 Ha. Prod. Cap. 2400 T/A*

The mining projects of <50 ha or > 5 ha of mining lease area are listed at S.N. 1(a) of schedule under 'B' Category of EIA Notification, 2006 and are to be appraised by SEAC.

The applicant, assigned by his consultant presented the salient features of the project and the draft Terms of Reference for undertaking detailed EIA study.

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

After detailed deliberations, the SEAC has recommended the inclusion of following TORS in the preparation of EIA/EMP:-

- Duly attested & certified Mining Plan with mine closure 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.
- Detailed & factual chemical analyses of the ore should be carried out and presented in EIA
- Monitoring has to taken up as per the norms using appropriate air/water quality modeling, based on meteorological data (wind-rose) of the region.
- 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, Tendu, Kachnar & various fire-wood should be taken up
- PFR should include cost benefit analyses considering- social cost, environment cost and pre-occupational cost.
- Water requirement should be evaluated and accordingly the supply should be ascertained through a written agreement with concerned panchayat.
- Authenticated photographs of the area specially depicting green area & mining activity be enclosed with EIA.
- 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. Near by mine owners may form a society and funds for welfare of mine-workers may be created from various govt. schemes & other sources. This aspect has to be covered in the EMP.
- Economic of water requirement from tanks be worked out and suitably the cost benefit analysis be recalculated in EIA.
- Management of OB solid waste generated during mining has to be addressed through incorporation of a concrete plan for the same.
- A leachate study of the solid waste has to be conducted.
- 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.

**(Suresh Chandra Jain)**  
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**Secretary SEAC**

- In land use, the 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

**25. [Case No. 185/2008]**

**Smt. Saroj Naik, 10 sawarkar ward, Katni (M.P)**

*Project: Sejha Limestone, Dolomite & Barytes Mine, Teh.-Sejha, Dist.-Katni.*

*Mining Lease Area 10.21 ha. Prod. Cap. 5000 T/A*

The mining projects of <50 ha or > 5 ha of mining lease area are listed at S.N. 1(a) of schedule under 'B' Category of EIA Notification, 2006 and are to be appraised by SEAC.

The applicant, assigned by his consultant presented the salient features of the project and the draft Terms of Reference for undertaking detailed EIA study.

After detailed deliberations, the SEAC has recommended the inclusion of following TORS in the preparation of EIA/EMP:-

- Duly attested & certified Mining Plan with mine closure 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.
- Detailed & factual chemical analyses of the ore should be carried out and presented in EIA

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**MINUTES OF 10<sup>th</sup> MEETING OF STATE EXPERT APPRAISAL  
COMMITTEE HELD ON 5<sup>th</sup> September, 2008**

30

- Monitoring has to taken up as per the norms using appropriate air/water quality modeling, based on meteorological data (wind-rose) of the region.
- 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, Tendu, Kachnar & various fire-wood should be taken up
- PFR should include cost benefit analyses considering- social cost, environment cost and pre-occupational cost.
- Water requirement should be evaluated and accordingly the supply should be ascertained through a written agreement with concerned panchayat.
- Authenticated photographs of the area specially depicting green area & mining activity be enclosed with EIA.
- 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. Near by mine owners may form a society and funds for welfare of mine-workers may be created from various govt. schemes & other sources. This aspect has to be covered in the EMP.
- Economic of water requirement from tanks be worked out and suitably the cost benefit analysis be recalculated in EIA.
- Management of OB solid waste generated during mining has to be addressed through incorporation of a concrete plan for the same.
- A leachate study of the solid waste has to be conducted.
- 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, the 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.

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**Member SEAC**

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- 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

**26. [Case No. 186/2008]**

**M/s Shrijee Minerals Prop. Deepak Gupta, Jhanda Bazar, Sihora, Jabalpur**  
*Project: Dundi laterite, ochre and white clay mine, Village-Dundi, Dist-Jabalpur.*  
*Mining Lease area-18.66 ha. Prod. Cap. 25173 T/A*

The mining projects of <50 ha or > 5 ha of mining lease area are listed at S.N. 1(a) of schedule under 'B' Category of EIA Notification, 2006 and are to be appraised by SEAC.

The applicant, assigned by his consultant presented the salient features of the project and the draft Terms of Reference for undertaking detailed EIA study.

After detailed deliberations, the SEAC has recommended the inclusion of following TORS in the preparation of EIA/EMP:-

- Duly attested & certified Mining Plan with mine closure 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.
- Detailed & factual chemical analyses of the ore should be carried out and presented in EIA
- Monitoring has to taken up as per the norms using appropriate air/water quality modeling, based on meteorological data (wind-rose) of the region.
- 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, Tendu, Kachnar & various fire-wood should be taken up
- PFR should include cost benefit analyses considering- social cost, environment cost and pre-occupational cost.

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- Water requirement should be evaluated and accordingly the supply should be ascertained through a written agreement with concerned panchayat.
- Authenticated photographs of the area specially depicting green area & mining activity be enclosed with EIA.
- 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. Near by mine owners may form a society and funds for welfare of mine-workers may be created from various govt. schemes & other sources. This aspect has to be covered in the EMP.
- Economic of water requirement from tanks be worked out and suitably the cost benefit analysis be recalculated in EIA.
- Management of OB solid waste generated during mining has to be addressed through incorporation of a concrete plan for the same.
- A leachate study of the solid waste has to be conducted.
- 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, the 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

**27. [Case No. 188/2008]**

**Manganese Ore India Ltd, 3 Mount Road extension, Moil Bhawan, A-1, katol**

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**Road, chhaoni, Nagpur**

*Project: Kanki Mining Lease for sand, taluka-waraseoni, dist- Balaghat. Mining Lease area 10.156 ha. Prod Cap. 70,000 Metre cube/Anum*

The mining projects of <50 ha or > 5 ha of mining lease area are listed at S.N. 1(a) of schedule under 'B' Category of EIA Notification, 2006 and are to be appraised by SEAC.

The applicant, assigned by his consultant presented the salient features of the project and the draft Terms of Reference for undertaking detailed EIA study.

After detailed deliberations, the SEAC has recommended the inclusion of following TORS in the preparation of EIA/EMP:-

- Duly attested & certified Mining Plan with mine closure 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.
- Detailed & factual chemical analyses of the ore should be carried out and presented in EIA.
- The flood plane sediment should be analyzed for sand/silt/clay ratio and Carbon/Nitrogen/Phosphorous ratio.
- Monitoring has to taken up as per the norms using appropriate air/water quality modeling, based on meteorological data (wind-rose) of the region.
- 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, Tendu, Kachnar & various fire-wood should be taken up
- PFR should include cost benefit analyses considering- social cost, environment cost and pre-occupational cost.
- Water requirement should be evaluated and accordingly the supply should be ascertained through a written agreement with concerned panchayat.
- Authenticated photographs of the area specially depicting green area & mining activity be enclosed with EIA.

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- 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. Near by mine owners may form a society and funds for welfare of mine-workers may be created from various govt. schemes & other sources. This aspect has to be covered in the EMP.
- Economic of water requirement from tanks be worked out and suitably the cost benefit analysis be recalculated in EIA.
- Management of OB solid waste generated during mining has to be addressed through incorporation of a concrete plan for the same.
- A leachate study of the solid waste has to be conducted.
- 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, the 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

**28. [Case No. 189/2008]**

**Manganese Ore India Ltd, 3 Mount Road extension, Moil Bhawan, A-1, katol Road, chhaoni, Nagpur**

*Project: Kanki Mining Lease for sand, taluka-waraseoni, dist- Balaghat. Mining*

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*Lease area 5.50 ha. Prod Cap. 70,000 Metre cube/Anum*

The mining projects of <50 ha or > 5 ha of mining lease area are listed at S.N. 1(a) of schedule under 'B' Category of EIA Notification, 2006 and are to be appraised by SEAC.

The applicant, assigned by his consultant presented the salient features of the project and the draft Terms of Reference for undertaking detailed EIA study.

After detailed deliberations, the SEAC has recommended the inclusion of following TORS in the preparation of EIA/EMP:-

- Duly attested & certified Mining Plan with mine closure 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.
- Detailed & factual chemical analyses of the ore should be carried out and presented in EIA.
- The flood plane sediment should be analyzed for sand/silt/clay ratio and Carbon/Nitrogen/Phosphorous ratio.
- Monitoring has to taken up as per the norms using appropriate air/water quality modeling, based on meteorological data (wind-rose) of the region.
- 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, Tendu, Kachnar & various fire-wood should be taken up
- PFR should include cost benefit analyses considering- social cost, environment cost and pre-occupational cost.
- Water requirement should be evaluated and accordingly the supply should be ascertained through a written agreement with concerned panchayat.
- Authenticated photographs of the area specially depicting green area & mining activity be enclosed with EIA.
- 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. Near by mine owners may form a society and funds for welfare of mine-

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workers may be created from various govt. schemes & other sources. This aspect has to be covered in the EMP.

- Economic of water requirement from tanks be worked out and suitably the cost benefit analysis be recalculated in EIA.
- Management of OB solid waste generated during mining has to be addressed through incorporation of a concrete plan for the same.
- A leachate study of the solid waste has to be conducted.
- 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, the 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

**29. [Case No. 190/2008]**

**Sharda Prasad Jaiswal, kawasji Ward, vivekanand Chowk, Katni.**

*Project: Mohla Bauxite, laterite and Fireclay Mine, village-mohla, Dist-Jabalpur. Mining Lease area- 5.901 Ha. Prod. Cap. 10,000 T/A*

The mining projects of <50 ha or > 5 ha of mining lease area are listed at S.N. 1(a) of schedule under 'B' Category of EIA Notification, 2006 and are to be appraised by SEAC.

The applicant, assigned by his consultant presented the salient features of the project and the draft Terms of Reference for undertaking detailed EIA study.

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After detailed deliberations, the SEAC has recommended the inclusion of following TORS in the preparation of EIA/EMP:-

- Duly attested & certified Mining Plan with mine closure 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.
- Detailed & factual chemical analyses of the ore should be carried out and presented in EIA
- Monitoring has to taken up as per the norms using appropriate air/water quality modeling, based on meteorological data (wind-rose) of the region.
- 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, Tendu, Kachnar & various fire-wood should be taken up
- PFR should include cost benefit analyses considering- social cost, environment cost and pre-occupational cost.
- Water requirement should be evaluated and accordingly the supply should be ascertained through a written agreement with concerned panchayat.
- Authenticated photographs of the area specially depicting green area & mining activity be enclosed with EIA.
- 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. Near by mine owners may form a society and funds for welfare of mine-workers may be created from various govt. schemes & other sources. This aspect has to be covered in the EMP.
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- In land use, the 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

**30. [Case No. 191/2008]**

**Shri. K. K. Kothari, 189, Mahatma Gandhi Marg, PO –Alirajpur, dist-Alirajpur, M.P.**

*Project: Bhordu Dolomite Mine, Village-Bhordu, Dist.-Alirajpur. Mining Lease Area 6.970 Ha. Prod. Cap. 2025 T/A*

The mining projects of <50 ha or > 5 ha of mining lease area are listed at S.N. 1(a) of schedule under ‘B’ Category of EIA Notification, 2006 and are to be appraised by SEAC.

The applicant did not appear for the presentation hence may be called for the next meeting.

**31. [Case No. 192/2008]**

**Nilesh Upadhaya, 30, Collage road, Dist- Jhabua**

*Project: Kosdana Lime stone Mine, Village-Kosdana, Dist-Dhar Mining Lease Area 7.5 Ha. Prod. Cap. 5000 T/A*

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The mining projects of <50 ha or > 5 ha of mining lease area are listed at S.N. 1(a) of schedule under 'B' Category of EIA Notification, 2006 and are to be appraised by SEAC.

The applicant, assigned by his consultant presented the salient features of the project and the draft Terms of Reference for undertaking detailed EIA study.

After detailed deliberations, the SEAC has recommended the inclusion of following TORS in the preparation of EIA/EMP:-

- Duly attested & certified Mining Plan with mine closure 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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- PFR should include cost benefit analyses considering- social cost, environment cost and pre-occupational cost.
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- 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. Near by mine owners may form a society and funds for welfare of mine-workers may be created from various govt. schemes & other sources. This aspect has to be covered in the EMP.
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- Management of OB solid waste generated during mining has to be addressed through incorporation of a concrete plan for the same.
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**32. [Case No. 193/2008]**

**Shankar Lal Vishwakarma, Gautam Lane, Katni 483501**

*Project: Laterite, bauxite and Fireclay Mine of Shankar Lal Vishwakarma. Village-padwar, Dist-Katni. Mining Lease Area 8.0 ha. Prod. Cap. 10,000 MT/A*

The mining projects of <50 ha or > 5 ha of mining lease area are listed at S.N. 1(a) of schedule under 'B' Category of EIA Notification, 2006 and are to be appraised by SEAC.

The applicant, assigned by his consultant presented the salient features of the project and the draft Terms of Reference for undertaking detailed EIA study.

After detailed deliberations, the SEAC has recommended the inclusion of following TORS in the preparation of EIA/EMP:-

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- Duly attested & certified Mining Plan with mine closure 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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**MINUTES OF 10<sup>th</sup> MEETING OF STATE EXPERT APPRAISAL COMMITTEE HELD ON 5<sup>th</sup> September, 2008** 42

- 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

The meeting concluded with decision to conduct the tenth meeting on 5th September 2008.

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