

# MINUTES OF 25<sup>th</sup> MEETING OF STATE EXPERT APPRAISAL COMMITTEE HELD ON 27<sup>th</sup> May, 2009

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## 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. Meeting started with the condolence-pray for peace of the soul of deceased Member Late Prof. K.C. Mathur.
- B. 18 proposals were invited for TOR / EIA deliberations. Out of these proposals only 15 proposals were presented before the committee.
- C. Twenty-sixth Meeting was confirmed for 28th May 2009 as per the decision.

## EIA Deliberations:

### 1. 100/2008

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

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

The Project Proponent was absent, committee decided call the PP in next meeting.

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Chairman SEAC

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Member SEAC

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(K.K. Goswami)  
Member SEAC

-Sd-  
(Prof. Gurdeep Singh)  
Invitee Member

-Sd-  
(R.K. Jain)  
Secretary SEAC

## **2. 275/2009**

**M/s Tricon Projects India (P) Ltd. S-2, IInd Floor Mahatta Towers, Star City Mall Mayur Vihar, Delhi**

*Construction of 'Tricon City Plotted development Project at Village - Datoda, Khandwa Road, Distt. - Indore (M.P)* **EIA Presentation**

Townships and Area Development projects covering an area  $\geq 50$  ha and or built up area  $\geq 1,50,000$  sq .mtrs shall be appraised under the B1 [8(b) ] Category of the Schedule of EIA Notification-2006. The present project is a proposal for area development (Plotted Development) with total area of 60.78 Ha at Village - Datoda, Khandwa Road, Distt. - Indore. Hence the project was appraised by the SEAC. Salient features of the project are as follows:

- Total water requirement: 3458 KLD [fresh water- 1646 KLD & Recycled water- 1819]. KLD. The water requirement as reported shall met through the existing tube wells in the proposed site. Application to CGWA for use of ground water has been filed by the PP.
- It was reported that the project pertains only to the area development with construction activities less than 20,000 Sqm. which consists construction of amenities (club, health center, school etc.) Approved development plan from Town & Country Planning Deptt., Land Diversion from Competent Authority, Land Ownership papers and NOC from Forest deptt. have been submitted by the PP.

After detailed deliberations on the project the PP was asked to present reply on following queries which were raised by the committee:

1. In view of ground water use geo-hydrological studies have to be submitted with resistivity survey for locations of vertical aquifers in the region.
2. Permission from Central Ground Water Authority for abstraction of Ground Water.
3. Quantity and source of water during construction and operational phases have to be reported separately.

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4. A lay-out of the site showing proposed green area & locations of tube-wells have to be furnished with area calculation for green belt. 33% of total area should be ensured for green area in the proposal.

**3. 148/2008**

**M/s Lupin Ltd., 198-202, New Industrial Area No.-2, Mandideep, Raisen.**

*Proposed capacity enhancement and additional new Products at M/s Lupin Ltd., 198-202, New Industrial Area No.-2, Mandideep, Raisen. EIA Presentation*

The Bulk Drug Manufacturing projects located in a notified industrial area/ estate are listed at S.N. 5(f) of schedule under 'B' Category of EIA Notification, 2006 and are to be appraised by SEAC.

The project proponent has earlier submitted the form1 and was issued TOR to prepare EIA/EMP vide letter dated 02/09/2008. Proponent assigned with his consultant presented the salient features of the EIA/EMP.

The industry is presently manufacturing Cephalexin, Cefaclor, Lisinopril, and Cefdinir to tune of 697 TPA. The application has been submitted for enhancement in the manufacturing capacities of these products from 697 to 1244 TPA. In addition to the above enhancement in capacity industry has also proposed the manufacturing of new products viz. Cefipime, Perindopril, Trandopril, Quinapril, Ramipril and recovered solvent, to the tune of 7060 TPA. Thus the total production shall be 1244+7060 i.e. **8304 TPA**. After detailed deliberation on the EIA report committee has raised following queries:

1. The cost proposed for environment related issues is Rs 470 Lac; detailed break-up of the same has to be furnished.
2. Solvent scrubbing system to be provided before inlet of ETP. All the vents in the process should be connected to the scrubbing system, to reduce ambient solvent emissions.
3. Measures taken by the industry to control the odour nuisance to be submitted.

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4. Water requirement has been shown to be increased 200 cubic meters per day. Source of additional water has not been spelt out. In context to the fulfillment of water requirement following have to be furnished:
  - Commitment from AKVN for fulfillment of future requirement.
  - Written commitment from PP for not using the Ground Water for production or permission from CGWA for abstraction of additional ground water from the existing tube wells.
  - Water balance with respect to Withdrawal vis-à-vis Recharge of ground water.
5. Details of organic solvents and the safety measures to control the emissions (VOC) from these.
6. Details of HW management and strategy for their disposal w.r.t the enhanced quantity of hazardous wastes to submitted with supporting documents (such as Membership of CTSDf, Quantity of HW disposed etc.)
7. Treatment of RO rejects (waste water) have to be furnished.
8. Statement of the expenditures made towards Corporate Social Responsibility in Madhya Pradesh during last three years.

**4. 283/2009**

**M/s Shanti Realty (P) Ltd. 3, Janki Nagar, Annex. A.B. Road, Indore (M.P)**

*High rise Multistoried Residential Project at village Nipaniya Indore (M.P) Khasra No. 45/1, 45/2, 45/3 and 47/1* **EIA Presentation**

Building and Construction projects with  $\geq 20000$  sq.mtrs and  $< 1,50,000$  sq.mtrs. of built-up area shall be appraised under the B1 [8(a)] Category of the Schedule of EIA Notification-2006. The present project is a proposal for High rise Multistoried Residential Project at village Nipaniya Indore (M.P) Khasra No. 45/1, 45/2, 45/3 and 47/1. Hence the project was appraised by the SEAC. Salient features of the project are as follows:

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- Total plot area is 12,700 Sqmt. and total built-up area is 36741.2 Sqmt. Total height of buildings shall be about 40 meters.
- Water requirement is shown to be 260 m<sup>3</sup> / day and waste water generation shall be about 200 m<sup>3</sup> / day, which will be met through Municipal Water supply in the region.
- STP of capacity of 220 KLD shall be installed.
- About 800 Kg of MSW will be generated during operation phase which is proposed to be managed as per the MSW Rules 2000 and disposed through Municipal Corporation.
- Energy requirement is reported to be 1470 KVA and four DG-Sets (Cap- 3x125 + 1x 320 KVA) will be installed for back-up power.

After detailed deliberation on the project following queries were raised by the committee:

1. Area statement in the report does not match with the approved map clarification for the same to be submitted.
2. Building Permission from competent authority has to be furnished.
3. Commitment / permission from Municipal Corporation for water supply to be furnished.
4. Quantification and disposal of Municipal Solid Waste.
5. Commitment to be furnished for compliance of ECBC Guidelines for energy conservation has to be submitted.
6. Green Area proposed in the plan has to be enhanced (at least 33%).

**5. 136/2008**

**M/s LaxmiNarayan mining Company, 241, Pratapganj Marg, PO- Alirajpur, Dist- Jhabua**  
*Panwani Dolomite Mines, Village –Panwani, tehsil – Alirajpur, Dist- Jhabua. Mining Lease Area-8.09 Ha. Production: 4000T/A* **EIA Presentation**

The mining projects of <50 ha or > 5 ha of mining lease area are listed at S.N. 1(a) of

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schedule under 'B' Category of EIA Notification, 2006 and are to be appraised by SEAC. TOR for preparation of EIA / EMP was issued to the PP vide letter dated 02/09/2008. Salient features of the EIA were presented before the committee. Public hearing issues were also discussed in length. After the detailed deliberations following queries were raised by the committee:

1. In view of manual mining of dolomite whereby fine particles are generated, the workers should be provided with appropriate safety measures and periodic health check-up of the mine workers has to be ensured, thus a detail proposal in this context has to be submitted.
2. The surface and ground water analyses reports were found to be anomalous, the same has to be re-examined and reported.
3. Prediction of impacts should be properly evaluated and reported.
4. Top-soil preservation is not appropriate, the same has to be reexamined and reported.
5. Detailed CSR plan with fund allocation to be submitted.

**6. 115/2008**

**ASN Industries (P), 313, HMT Hills, Opp. JNTU, Kukatpally Hyderabad**

*7.5 MW Biomass based Power Plant at Katni (M.P)* **EIA Presentation**

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. TOR for carrying out the EIA / EMP was issued to the PP vide letter dated 07/08/08.

Applicant, aided by the consultant gave a presentation on the salient features of the project and the EIA / EMP report. After detailed deliberation the committee has raised following queries, to be replied by the PP:

1. Permission for lifting water from River Mahanadi and laying of pipe-line has to be obtained from competent authority and submitted.

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2. Scrubbers to capture Sulphur-di-oxide have to be provided.
3. Prediction of impacts should be properly evaluated and reported. Using standard models.
4. Disposal of fly-ash was reported to be through supply to brick makers / cement industries; agreement documents pertaining to the above has to be submitted.
5. Corporate Social Responsibility Plan has to be submitted along with fund allocation.

**7. 123/2008**

**Shri Harinarayan Lalchand Somani, 241, Pratapganj Marg, PO Alirajpur, dist Jhabua.** *Panwani Dolomite Mine, village-panwani, tehsil-alirajpur, dist-jhabua. Mining lease area 8.093 ha., 15000 T/Y.* **EIA Presentation.**

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. TOR for preparation of EIA / EMP was issued to the PP vide letter dated 02/09/2008. Salient features of the EIA were presented before the committee. Public hearing issues were also discussed in length. After the detailed deliberations following queries were raised by the committee:

1. In view of manual mining of dolomite whereby fine particles are generated, the workers should be provided with appropriate safety measures and periodic health check-up of the mine workers has to be ensured, thus a detail proposal in this context has to be submitted.
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3. Prediction of impacts should be properly evaluated and reported.
4. Top-soil preservation is not appropriate, the same has to be reexamined and reported.
5. Detailed CSR plan with fund allocation to be submitted.

**TOR Deliberations:**

**1. 269/2009**

**Smt. Rekha Sharma 192, Second Floor Rachna Nagar Bhopal, (M.P)**

*Laterite Red Ochre & Clay Mine 6.83 Ha at Village - Salebhar, Tehsil- Bahoriband, Distt. Katni  
(M.P) TOR approval*

The Project proponent could not attend the meeting continuously for the second time hence committee decided to give a *last chance* & call the proponent in the next meeting.

**2. 281/2009**

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

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

The Project proponent could not attend the meeting hence committee decided to call the

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proponent in the next meeting.

**3. 282/2009**

**Rakesh Yadav S/o Shri Ram Yadav, 60-M, Khotiwala Tank Indore (M.P)**

Sand mine - 17 Ha at Nandgaon Talakoat Distt. Badwani (M.P) **TOR approval**

This being a mining project with lease area between 50 ha to 5 ha 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. Applicant submitted following during the meeting:

1. A very short period (2 years) lease has been accorded for sand mining out of which actual dry season for digging out sand is about 6 to 8 months, the preparation of EIA itself requires at least six months.
2. It was also submitted that preparation of genuine EIA is costly affair and thus is going to add to the financial burden on the petty miners.
3. In view of above submission he proponent has requested the committee to consider his case for exemption from EIA.

After detailed discussion the committee decided to call the proponent on 29<sup>th</sup> May 2009 (twenty-seventh meeting) whereby similar cases of M.P. Mining Corporation have been scheduled for discussion in compliance to the directions of Hon'able High Court.

**4. 284/2009**

**Shri Rupendra Rathod C/o Shri Nirbhay Singh Rathod Teh- Saragpur, Rajgarh (M.P)**

Sand Mining from the River Newaj Survey No. 1 at Village - Mangola, Tehsil- Saragpur, Rajgarh (M.P) **TOR approval** .

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This being a mining project with lease area between 50 ha to 5 ha 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. Applicant submitted following during the meeting:

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3. In view of above submission he proponent has requested the committee to consider his case for exemption from EIA.

After detailed discussion the committee decided to call the proponent on 29<sup>th</sup> May 2009 (twenty-seventh meeting) whereby similar cases of M.P. Mining Corporation have been scheduled for discussion in compliance to the directions of Hon'able High Court.

## **5. 285/2009**

**M/s Fortunes Stone Ltd. Opp. Agriculture Office 1st Floor, Vishwanath Road, Chhatarpur (M.P)** Katahara Granite Quarry 6.0 Ha (7000 Cu.M/Year) at village - Katahara, Tehsil- Laundi Distt,- Chhatarpur (M.P) **TOR approval**

This being a mining project with lease area between 50 ha to 5 ha 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, assigned by his consultant presented the salient features of the

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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 approved by IBM has to be submitted along with the copy of current lease deed and lease letter issued by the State Mining Corporation.
- 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)

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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.
- Location is also to be shown in Tehsil map procured from revenue department.
- Leachate study to be conducted and incorporated in the EIA report.
- 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.

**6. 286/2009**

**M/s Fortunes Stone Ltd. Opp. Agriculture Office 1st Floor, Vishwanath Road, Chhatarpur (M.P)**

*Katahara Granite Quarry 21.736 Ha (10000 Cu.M/Year) at village - Katahara, Tehsil- Laundi Distt,- Chhatarpur (M.P) TOR approval*

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

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- 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.
- 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.

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- 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.

**7. 287/2009**

**M/s Rowell Mining Corporation Rawal Building Plot No. - 18, 190, Ramdaspath Nagpur (M-H)**

*Ranpeth Damani Manganese Ore Mines 5.859 Ha, 600 T/Year at Village- Ranpeth Damani, Tehsil- Sausar, Chhindwara (M.P)* **TOR approval**

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

**MINUTES OF 25<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.
- 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.

**8. 288/2009**

**M/s Ghai Enterprises Station Road Satna (M.P)**

*Limestone mine 12.595 Ha at Village- Kharaundi, Taluka Maihar Distt. Satna (M.P)* **TOR approval**

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

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

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

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

**-Sd-  
(Prof. Gurdeep Singh)  
Invitee Member**

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

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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 approved by IBM has to be submitted along with the copy of current lease deed and lease letter issued by the State Mining Corporation.
- 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.

**-Sd-  
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Chairman SEAC**

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(V. Subramanian)  
Member SEAC**

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(K.K. Goswami)  
Member SEAC**

**-Sd-  
(Prof. Gurdeep Singh)  
Invitee Member**

**-Sd-  
(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
- NOC / Recommendation from the concerned DFO to be submitted.

**9. 289/2009**

**Shri Shravan Kumar Pathak Chayanakyapuri, Satna (M.P)**

Limestone Mine 32.374 Ha at village - Ramasthan, Taluka - Raguraj Nagar, Satna (M.P) **TOR approval**

This being a mining project with lease area between 50 ha to 5 ha 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, 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 approved by IBM has to be submitted along with the copy of current lease deed and lease letter issued by the State Mining Corporation.
- 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].

**-Sd-**

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

**-Sd-**

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

**-Sd-**

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

**-Sd-**

**(Prof. Gurdeep Singh)**  
**Invitee Member**

**-Sd-**

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

- 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.
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- 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.

## **10. 290/2009**

**National Highway Authority of India 128, 1st Floor, Brijeshwari Extension Near  
Pipliyahana Square, Indore (M.P)**

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

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

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

**-Sd-  
(Prof. Gurdeep Singh)  
Invitee Member**

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

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*4/6 Laning of Gujarat - M.P Border to Indore section of NH-59* **TOR approval**

Proponent did not attend the meeting hence committee decided to call the PP in next meeting.

**11. 291/2009**

**Shri Marutaye Balaji Steels (P) Ltd., 5, Bentinck Street Kolkata West Bengal**

*Limestone mine 18.935 Ha with prod. cap.- 1,00,000 TPA at village Hadbadpur, Taluka-  
Raghuraj Nagar, Distt.- Satna (M.P)* **TOR approval** .

This being a mining project with lease area between 50 ha to 5 ha 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, 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 approved by IBM has to be submitted along with the copy of current lease deed and lease letter issued by the State Mining Corporation.
- 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.
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-Sd-

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-Sd-

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

-Sd-

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

-Sd-

**(Prof. Gurdeep Singh)**  
**Invitee Member**

-Sd-

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

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

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- NOC / Recommendation from the concerned DFO to be submitted.

Meeting ended with vote of thanks to the Chair.

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**-Sd-**

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

**-Sd-**

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

**-Sd-**

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

**-Sd-**

**(Prof. Gurdeep Singh)**  
**Invitee Member**

**-Sd-**

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