

1.0 Opening Remarks of the Chairman

The Chairman welcomed all the members of the Committee (**Annexure-1**) and thereafter agenda items were 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:-

1. 13 proposals (for TOR / EIA deliberations) were invited. Out of these proposals only 11 proposals were presented before the committee. Proponent for one case was not present whereas one case was withdrawn by the PP.
2. It is decided to hold the 51st meeting on 23rd March 2010.

Deliberations:

1. 435/2009 Shri Prithvi Raj Mundra B/13, Riico Housing Colony, P.O. Bewhor, Rajasthan- 301-701 Mini Cement Plant Capacity- 100 TPD, at 31, 32, 33 Industrial Development Center Village - Lamtara, Teh- Katni Distt- Katni (M.P.) EIA Presentation TOR issued vide letter no. 854 dated- 05/09/09.

Cement plants with (1.0 million tonnes/annum production capacity are listed at S.N. 3(b) of schedule under 'B' Category of EIA Notification, 2006 and are to be appraised by SEAC. Accordingly the project has to be appraised by the SEAC.

The applicant presented the salient features of the project .Information pertaining to the above project. This is a fresh case for production of cement with capacity 100 T/day. The industry is proposed in AKVN industrial area. Distance from the nearest village Lamtara is reported to be 500 meters and distance from railway line is 200 meters. Total plot size is 1 ha out of this plantation is proposed in 3500 m². Water consumption is reported 13 KLD. Industry has proposed to put up bag-filter type dust collector in raw mill, hammer mill and cement mill. Cyclone separator and wet scrubber is proposed for VSK. Height of chimney in kiln is proposed to be 30 metres. No effluent from the process is expected. Septic tank and soak pit has been proposed for treatment of domestic waste water. After detailed deliberations, the SEAC has asked for

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submission of the following:

Distance of plot boundary from railway track is reported to be 200 meters which do not conform to the siting criteria for polluting industries.

- Exact aerial distance of plot boundary from the railway track and the nearest village to be reported.
- Elaborated criterion for selecting the stack height of the kiln.
- Micro-level features in 5Km radius around the industry site.
- All chemical analyses report from approved laboratory in original format. The chemical analyses should incorporate method of analyses, instruments used and the details of standards used. The date and time of sampling should also be mentioned in the report.
- Emission limit of particulate matter at different sources including kiln has not been submitted. The same to be furnished along with the compliance of CREP Charter issued by CPCB for Cement Industries.
- Scheme for plantation so as to achieve at least 33% of project area has to be submitted with provision of thick plantation towards railway track and village.
- Source of raw material and its transportation to be furnished.
- NOC from Gram Panchayat / Local body.
- Registration from industry department for enhanced production.

2. 299/2009 - M/s Murlidhar minerals, Malegaon, Sauser, Chhindwara (M.P)

EIA presentation - Malegaon Dolomite mine 10.00 Ha, 20000 TPA at village- Malegaon Teh- Sauser, Distt- Chhindwara (M.P)

Neither the PP nor his representative was present to help in understanding the documents etc. nor did to explain discrepancy / gap if find any during the deliberation. As no intimation was received from the PP it was decided to call the PP only after receiving willingness / continuation of PP's interest in the project.

3. 21/2008 - M/s. Jai Mata di Marbles Gathora Marble Mine, Vill. Gathora, Teh: Sehora, Distt. Jabalpur (M.P) Gathora Marble Mine, Vill. Gathora, Teh: Sehora, Distt. Jabalpur (M.P):- Area -9.10 ha, production-4000 cum/annum. EIA Presentation

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TOR issued dated 04/06/08

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.

TOR was issued vide letter dated 04/06/08. The applicant presented the salient features of the project EIA / EMP and the public hearing issues were dealt in detail. It was reported that it is a new mine. Method of mining is Open cast and mechanized and tools such as diamond wire and chain-saw will be used for cutting of marble blocks. It was reported that blasting shall be carried out as per the approved mining plan. The nearest habitat is village Gathora about 300m from the project boundary. River Hiren is 1.9 Km from the lease area. Ultimate depth of mine is 36 meters and shall intersect the GW table. Waste (OB) generation is about 17,550 m³ / Year. Water consumption is 12 KLD which shall be obtained from sump and ground water source.

After deliberation, committee has sought following information and details from the PP:

- Detailed OB management plan has to be submitted showing area covered and maximum height of OBs'.
- Location of OB area and the river Hiren has to be shown on map. Plan for safe blasting with commitment has to be submitted in view of Public Hearing issue.
- Plantation scheme in 33% of the lease area (within lease period) showing existing as well as proposed plantation on map has to be submitted.
- Plan for storage/ ultimate disposal of marble-slurry to be furnished.
- Commitment for not using the adjacent 'cremation ground' has to be submitted in view of public hearing issue.
- A buffer zone shall be created towards village.
- Maximum depth of pit is proposed to be more than 30 meters. Thus the closure plan should be such that no reservoir more than 30 meters is left.
- NOC from 'Gram Sabha'.
- Latest NOC from Forest Deptt issued by the Competent Authority has to be submitted as per the following directions:

1. It should be submitted either in original or as an attested copy.
2. It should clearly state the mining lease area stating name of village, Tehsil, Distt. Khasra no. and Khasra sub divisions etc.

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3. It should clearly state the distance of mining lease area from the nearest forest boundary.

4. It should also indicate the distance of mining lease area from the protected areas under Wildlife Protection Act, 1972.

➤ Use of Solar energy for utilities has to be explored and implemented.

4. 506/2010 M/s Deepmala Infrastructure Ltd. CBD Project Site, Opp. Tinshed South T.T.Nagar, Bhopal (M.P.) Development of central Business district in South T.T. Nagar, Bhopal, Residential building Shopping Mall Office Complex and Hotel, Total Area- 141449.05 Sq.mt.

Building and Construction projects with area ≥ 20000 sq.mtrs and $< 1,50,000$ sq.mtrs. of built-up area are covered under the Schedule of EIA Notification 2006 in category B,8(a). Therefore are required to be appraised by the SEAC. Examination and presentation on the project reveals following:

Location of the project	Khasra No. 1488/2 - South T.T. Nagar Oppo. Tin-shed Bhopal (Govt. Land)
Total plot area-	60234 sqm.
Total built-up area	1,41,449.05 Sqm.
Facilities	Hotel- 2 Basement + Ground+18 Upper floors +terrace Residential building – Stilt + 2 Podium + 23 floors+ terrace Office Complex- 1 Bazsement + Ground + 17 floors Shopping mall – 3 Basements + Ground + 3 floors
Fresh Water requirement	455 KLD, source- nagar Migam & GW (emergency). Hotel- 163 KLD Office Complex- 150 KLD Shopping Mall- 135 KLD Residential- 270 KLD
Re-cycled water	305 KLD
Power requirement	9385 KW
Back-up power facility	08 DG-Seta of capacity 3810 KVA
STP	04 No. Proposed separate each for hotel, office, shops & residential.

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	Plantation proposed – 14% of the total plot area
MSW-	653 Kg/Day
Sludge	83 Kg/day (used as manure)
Green area proposed	14 % of plot area
Felling of trees	339 trees have been proposed for cutting for construction.
Parking facility	Proposed for 1822 vehicles.

Committee has asked the PP to resubmit the report addressing following points:

- Catchments of the area to be shown on map with drainage of the area.
- Permission from CGWA for abstraction of ground water and Municipal Corporation for supply of requisite quantity of water.
- Justification for installation of separate STP (04 Nos) for different activities along with detailed design and capacity vis-a-vis quantity of effluent generated from various sources.
- Location of STP, MSW storage area and bore-well on lay out plan.
- Details of source of water required during construction phase.
- Land ownership documents along with the MoU with Govt of M.P.
- Permission /NOC from Air Port Authority.
- Building permission and permission for High rise buildings.
- Plantation Scheme showing 33% of total area under plantation to be submitted.
- Approved layout from TNCP.
- Agreement with authorized agency for disposal of MSW.
- Detailed Conceptual Plan.
- Compliance of ECBC Guidelines.
- The proposed site is located in the Centre of the City which is also a Corridor between Old and New Bhopal City thus parking facility has to be planned in such a way that traffic on main roads is not obstructed – accordingly submission to be made.
- Measures proposed to avoid traffic congestion in the area to be detailed out.
- Detailed Environmental Management Plan has to be submitted addressing the Impacts on Air, Water, Noise and other Socio-environmental factors of the region.
- All environmental monitoring / analyses have to be conducted through approved laboratory.

After submission as above PP shall be required to make a presentation before the

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5. 508/2010 M/s Shri Govind Reality Pvt.Ltd. P.B.-5,Block 'C',Mansarovar Complex,Bhopal(M.P.) Shopping mall with Multiplex at Bawadia Kalan,Teh.-Huzur,Distt.- Bhopal(M.P.), Total Plot Area – 15637 Sq.mt. built up area 52605 Sq.mt.

For Building Construction

Building and Construction projects with area ≥ 20000 sq.mtrs and $< 1,50,000$ sq.mtrs. of built-up area are covered under the Schedule of EIA Notification 2006 in category B,8(a). Therefore are required to be appraised by the SEAC. Examination and presentation on the project reveals following:

Cost of Project	Rs 94 Crore
Location of the project	Bawadia Kalan,Teh.-Huzur,Distt.- Bhopal(M.P.),
Total plot area-	15637sqm.
Total built-up area	52605 Sqm. (Including the existing – 18160 m2)
Height of building	30 meters (highest)
Facilities	Multiplex and commercial building
Fresh Water requirement	585 KLD (264 KLD treated water + 221 KLD fresh water).
Sewage generation	308 KLD
Power requirement	450 KVA
Back-up power facility	3 X 1500 KVA
STP	One no. with capacity 325 KLD
MSW	3.5 T/Day
Green area proposed	Not submitted.
Parking facility	Proposed for 496 vehicles.

After deliberation Committee has sought reply response on following queries:

- Catchments of the area to be shown on map with drainage of the area.
- Permission from CGWA for abstraction of ground water and Municipal Corporation for supply of requisite quantity of water.

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- Detailed design and capacity vis-a-vis quantity of effluent generated from various sources.
- Location of STP, MSW storage area and bore-well on lay out plan.
- Details of source of water required during construction phase.
- Land ownership documents along with the MoU with Govt of M.P and others.
- Plantation Scheme showing 33% of total plot area under plantation to be submitted.
- Agreement with authorized agency for disposal of MSW.
- Detailed Conceptual Plan.
- The quantity of domestic effluent for built-up area 18160 m² is mentioned as 442 m³ / day in the consent of MPPCB; after expansion the quantity has been quoted as 308 m³ / day, reason for this anomaly to be submitted.
- Compliance of ECBC Guidelines.
- Measures proposed to avoid traffic congestion in the area to be detailed out.
- Detailed Environmental Management Plan has to be submitted addressing the Impacts on Air, Water, Noise and other Socio-environmental factors of the region.
- All environmental monitoring / analyses have to be conducted through approved laboratory.
- Letter of intent from MPSEB for power supply.

6. 502/2010 M/s Jakodia Minerals Prop.Jaikishan Jakodia, 184,Samta Colony, Raipur (C.G.) - Benifcation Plant- 90,000 Ton per annum at Village-Dhamki,Teh-Sihora,Distt-Jabalpur(M.P.) For ToR

Mineral beneficiation plants with capacity < 0.1million ton/annum mineral throughput are listed at S.N 2(b) of the Schedule of EIA Notification 2006 hence are required to be appraised by SEAC. The case pertains to beneficiation of iron ore at village Dhamki Tehsil – Sihora Distt. Jabalpur (M.P). The plant is proposed in the existing mining area; EC has been granted to carry out mining at this site, now PP has applied for EC to carry out beneficiation of iron ore. Cost of the project is Rs 92 Lac. Power requirement is 330 KVA, water requirement is 2.4 m³ / hour. Rain water accumulated in the pits shall be used for the process. Total lease area is 6.88 Ha out of which 6.19 Ha. is minable. It has been reported that a crusher is also proposed in the lease area. Area required for the

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proposed plant is 4000 m². nearest village is Dhamki about 1.8 Km from the site. The site surrounded by other mines. After deliberations committee has decided to issue TOR to the PP for preparation of EIA /EMP after submission of following:

- Total lease area is 6.88 Ha out of which 6.19 Ha. is minable. Crusher, OB and Beneficiation plants are proposed in the left out (0.7 Ha) land – Justification with exact location of each activity has to be furnished on a lay out map.
- Revised application form to be submitted.

7. 503/2010 M/s Bansal & Co. P.O.-Jaitwara, Distt.-Satna(M.P.) *Paldev white clay mine 16.18 ha. At Village Paldev, The- Raghuraj Nagar, Satna* **For ToR**

PP has submitted an application for withdrawal of the case, as the proposed project is located within 10 Km from the interstate boundary and doesn't not fall in purview of SEIAA. Committee has decided to send back the case to SEIAA for delisting.

8. 504/2010 M/s Greenwood Agro Forestry Pvt.Ltd., 43-A, General Market, Dawa Bazar, Gandhibag, Nagpur(Maharashtra) *Gwari-Wadona Manganese Ore Depposite Mine Area- 11.732 ha capacity- 3000 T/ Year, at village - Gwari-Wadona, Teh.-Sausar, Distt.-Chindwara (M.P.)* **For ToR**

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. Information pertaining to the above project was examined by the committee. This is a case of a new mine. Open-cast other than mechanized mining has been proposed, mining shall not intersect the GW table. Nearest village is Gowari- Wadona which is about 1.2 Km from the lease boundary. It was also reported that the nearest river (about 8 Km) is R. Jam. It was reported that the lease area is more than 10 Km from the interstate boundary. After

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detailed deliberations, the SEAC has recommended the inclusion of following TORS in the preparation of EIA/EMP after submission of revised application:-

- 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.
- All chemical analyses report from approved laboratory in original format. The chemical analyses should incorporate method of analyses, instruments used and the details of standards used. The date and time of sampling should also be mentioned in the report.
- Leachate study has to be conducted.
- 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, Tendu, Kachnar & various fire-wood trees should be taken up. Map showing green belt to be submitted.
- Plantation in at least 33% of the total area has to be ensured with the lease period; accordingly plan has to be submitted with EIA.
- 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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- 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 from Gram Panchyat.
- Latest NOC from Forest Deptt issued by the Competent Authority has to be submitted as per the following directions:
 - a) It should be submitted either in original or as an attested copy.
 - b) It should clearly state the mining lease area stating name of village, Tehsil, Distt. Khasra no. and Khasra sub divisions etc.
 - c) It should clearly state the distance of mining lease area from the nearest forest boundary.
 - d) It should also indicate the distance of mining lease area from the protected areas under Wildlife Protection Act, 1972.
- Notifications, Rules and Guidelines issued by MoEF and CPCB from time to time have to be followed strictly while executing the project. Accordingly, provisions have to be made in the EIA/EMP.

9. 505/2010 M/s Pluton Cement Pvt. Ltd. S/o Jankinagar extension, Distt-Indore(M.P.) *Expansion of cement production capacity from 6600 TPA to 19800 TPA at 52-54 A, Sector-3, Pithampur, Distt.-Dhar(M.P.)* **For ToR**

It is a mini Cement Plant based on VSK technology, with proposed Capacity- 100 TPD at 31, 32, 33 Industrial Development Center Village - Lamtara, Teh- Katni Distt- Katni (M.P.). The industry is proposed in the AKVN Industrial Area hence public hearing is not required.

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Cement plants with <1.0 million tonnes/annum production capacity, are enlisted at S.N. B, 3(b) in the Schedule of EIA Notification 2006, thus are required to be appraised by SEAC for prior environmental clearance. The case was presented before the SEAC by the PP and his consultant.

The site was visited by the sub committee and Official from State Pollution Control Board in accordance to the OM of MoEF dated 25/08/2009 in view of fact that CEPI of Pithampur is reported to be 65.09. Report submitted by the sub committee was discussed in the meeting but report from the Regional Officer MPPCB Dhar (Board Representative) is still awaited hence committee decided to issue TOR only after obtaining MPPCB's opinion in the matter and revised application from the PP.

10. 509/2010 M/s RMG Super Conductors Pvt.Ltd., 33,Jagran Bhawan, Press Complex, M.P. Nagar, Bhopal (M.P.)-462011 Madwajhar Bauxite, laterite and clay mine, Area-11.768 ha.(Cap.-5000 TPA)at Village- Madwajhar, Teh.-Rampur, Baghelan, Distt.-Satna (M.P.) **For ToR**

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 .Information pertaining to the above project was examined by the committee. This is a case of a new mine. Open-cast manual mining has been proposed, mining shall not intersect the GW table. The mine is located in forest land in Naru hills, hence forest clearance is required. Nearest village is Madwajhar which is about 2.5 Km from the lease boundary. It was also reported that the nearest water reservoir is at about 2 Km. Water requirement is 10 KL / day. 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 approved by IBM has to be submitted along with the copy of current lease deed and lease letter issued by the State Mining Corporation.
- Forest Clearance from MoEF to be obtained and submitted with 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.
- All chemical analyses report from approved laboratory in original format. The chemical analyses should incorporate method of analyses, instruments used and the details of standards used. The date and time of sampling should also be mentioned in the report.
- Leachate study has to be conducted.
- 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, Tendu, Kachnar & various fire-wood trees should be taken up. Map showing green belt to be submitted.
- Plantation in at least 33% of the total area has to be ensured with the lease period; accordingly plan has to be submitted with EIA.
- 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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- 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 from Local Gram Sabha.
- Latest NOC from Forest Deptt issued by the Competent Authority has to be submitted as per the following directions:
 1. It should be submitted either in original or as an attested copy.
 2. It should clearly state the mining lease area stating name of village, Tehsil, Distt. Khasra no. and Khasra sub divisions etc.
 3. It should clearly state the distance of mining lease area from the nearest forest boundary.
 4. It should also indicate the distance of mining lease area from the protected areas under Wildlife Protection Act, 1972.
- Notifications, Rules and Guidelines issued by MoEF and CPCB from time to time have to be followed strictly while executing the project. Accordingly, provisions have to be made in the EIA/EMP.

11. 510/2010 Sh. Pradumna Trivedi, Partner M/s J.K. Minerals Main Road-Balaghat, Distt.-Balaghat(M.P.) G.F. Sonewari Range Block-1& Block-2 Manganese Ore mine area- 33.0 ha., capa.- 50000 TPA, at village-Sonewari Range, Teh.-Waraseoni, Distt.-Balaghat (M.P.) For ToR

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above project was examined by the committee. This is a case pertains to expansion of an existing mine with respect to area as well as production capacity. The existing area is 18 Ha and capacity is 16715 MT/Year after expansion the area shall be 33 Ha and capacity shall be 50,000 MT/Year. Underground & mechanized mining has been proposed, mining shall intersect the GW table. The mine is located in forest land in Sonawani RF, hence forest clearance is required. Nearest village is Penditola which is about 1.5 Km from the lease boundary. The nearest highway is 8 Km. It was also reported that the inter-state boundary is more than 10 Km from the lease area. The nearest water tank (Katanghari) is at about 1.25 Km. 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.
- Forest Clearance from MoEF to be obtained and submitted with 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.
- All chemical analyses report from approved laboratory in original format. The chemical analyses should incorporate method of analyses, instruments used and the details of standards used. The date and time of sampling should also be mentioned in the report.
- Leachate study has to be conducted.
- Plan for disposal of mine water likely to generate from de-watering to be submitted in detail with EIA.
- Details of the safety measures proposed for underground mining along with the details of the occupational health measures.
- 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, Tendu, Kachnar & various fire-wood trees should be taken up. Map showing green belt to be submitted.

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- Plantation in at least 33% of the total area has to be ensured with the lease period; accordingly plan has to be submitted with EIA.
- PFR should include cost benefit analyses considering- social cost, environment cost and pre-occupational cost.
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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 map, details regarding the agricultural crops pattern around the mining area should also be added.
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- 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 from Local Gram Sabha.
- Latest NOC from Forest Deptt issued by the Competent Authority has to be submitted as per the following directions:
 1. It should be submitted either in original or as an attested copy.
 2. It should clearly state the mining lease area stating name of village, Tehsil, Distt. Khasra no. and Khasra sub divisions etc.
 3. It should clearly state the distance of mining lease area from the nearest forest

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Secretary SEAC

boundary.

4. It should also indicate the distance of mining lease area from the protected areas under Wildlife Protection Act, 1972.

- Notifications, Rules and Guidelines issued by MoEF and CPCB from time to time have to be followed strictly while executing the project. Accordingly, provisions have to be made in the EIA/EMP.

12. 511/2010 M/s Trimula Industries Ltd. H.N.45, Ward no.-5, Main Road, Singrauli, Distt.-Sidhi(M.P.)-486889 38.5 MW Captive Power Plant (AFBC-1x20 MW & WHRB- 1x18.5 MW) and expansion (under construction- 1x 350 TPD Trimula Industries Ltd. at Village- Godwali & Bastal Biren, Tehsil -Devassar & Chitrang, Distt-Singrauli(M.P.) **For ToR**

This being a Thermal Power Plant with production capacity of < 500 MW (based on coal) is listed at S.N. 1(d) of schedule under 'B' Category of EIA Notification, 2006 and is to be appraised by SEAC.

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

This is a case of production of power to the tune of 38.5 MW at existing Sponge Iron Plant of capacity 350 T/Day. Industry has planned to generate power for captive use from waste heat recovery (18.5 MW) and 20 MW from char and coal. The site is located in Singrauli District at village Godwali & Bastali Biran. It is noteworthy that the part of Singrauli district is declared as critically polluted area vide MoEF's OM dated 13/01/2010. However the proposed site does not fall in the category of critically polluted area according to the clarification of MoEF vide its letter dated 15/03/10. It was decided that sub committee shall visit the site before issuing TOR along with the Regional Officer

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MPPCB Rewa (Board representative).

13. 470/2009 M/s Madhya Pradesh State Mining Corporation Ltd. (A Govt. of M.P. Undertaking) Paryavas Bhawan, Block No.1(A),Second Floor, Jail Road,AreraHills,Bhopal (M.P.)-11 Rock Phosphate for existing mine at Mine at Village-Mardeora,Tehsil-Bijawar, Distt.-Chhatarpur,(M.P.) Area-48.758 Ha.,Capa..- 26300 MT/Y. **For TOR**

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 .Information pertaining to the above project was examined by the committee. This is a case of an existing mine presently not operating. Open-cast semi-mechanized mining has been proposed. A crusher is also proposed at site. Ultimate depth of mine shall be 25 meters. Mining shall intersect the GW table. Nearest village is Basai which is about 600 meters from the lease boundary. National Highway -86 is 1 Km from the site. It was also reported that the Chandaiya Main Canal is 1 km and Tigoda RF is 1 Km from the site. 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.
- All chemical analyses report from approved laboratory in original format. The chemical analyses should incorporate method of analyses, instruments used and the details of standards used. The date and time of sampling should also be mentioned in the report.
- Leachate study has to be conducted.
- Waste water from de-watering has to be analyzed with special reference to the fluoride contents.

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- Measures proposed to cover the occupational health of workers.
- Disposal and treatment plan for the mine water has to be submitted.
- 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, Tendu, Kachnar & various fire-wood trees should be taken up. Map showing green belt to be submitted.
- Plantation in at least 33% of the total area has to be ensured with the lease period; accordingly plan has to be submitted with EIA.
- Hydro-geological study has to be carried out.
- 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 from Gram Sabha.

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- Latest NOC from Forest Deptt issued by the Competent Authority has to be submitted as per the following directions:
 1. It should be submitted either in original or as an attested copy.
 2. It should clearly state the mining lease area stating name of village, Tehsil, Distt. Khasra no. and Khasra sub divisions etc.
 3. It should clearly state the distance of mining lease area from the nearest forest boundary.
 4. It should also indicate the distance of mining lease area from the protected areas under Wildlife Protection Act, 1972.
- Notifications, Rules and Guidelines issued by MoEF and CPCB from time to time have to be followed strictly while executing the project. Accordingly, provisions have to be made in the EIA/EMP.

Meeting ended with thanks to the chair.

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