

1. 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. Consideration of the Projects

11 Cases (for TOR / EIA deliberations) were invited. 06 proposals were presented before the committee. Proponent of case no. 612/2010 [M/s Sanghi Infrastructures M.P. Ltd. –Captive Power Plant Stage -1 (2X60MW)] originally scheduled for the 75th meeting was also allowed for the presentation on request of PP with permission of Chairman.

Deliberations:

1. Case No. 599/2010 – M/s Grasim Industries Ltd. Excel Fiber Division P.O. Birlagram Nagda Distt. Ujjain (M.P) – Expansion project of Solvent Spun Cellulosic Fiber from 3650 TPA to 10950 TPA- for TOR Env. Consultant- presented by the PP.

Manufacturing of man-made fibers other than Rayon is covered at S.N. B, 5(d) in the Schedule of EIA Notification hence such manufacturing units are required to obtain prior EC from the SEIAA and shall have to be appraised by the SEAC. The present case pertains to expansion of production capacity of existing fiber unit through proposed manufacturing of Solvent Spun Cellulosic fibers. The case was submitted for approval / issue of TOR. PP presented salient features and location facts of the project which reveals following:

The site is within in existing premises of the operational unit, lies at khasra no. 295, 317, 318, 319, 326, 340, 341 and 342, in village – Mehatwas, Birlagram, tehsil- Nagda District - Ujjain (M.P). Nearest Town & Railway station is Nagda. It was informed that the manufacturing process is Eco-friendly in-house technology for production of Cellulosic Fibres and has been patented by Birla Research Institute, Nagda. The solvent employed is N-Methyl Morpholine N-Oxide (NMMO) or Ionic Liquid (IL), which does not cause any adverse impact on Environment and Ecology. Rayon grade pulp is

(S.C. Jain)
Chairman SEAC

(K.K.Goswami)
Member SEAC

(V. Subramanian)
Member SEAC

(S.R. Shukla)
Member SEAC

(R.K. Jain)
Secretary

pretreated with a 60% aqueous solution of NMMO/ Ionic Liquid in a high speed pulper to form 7-9% slurry. The solution so formed, is passed through suitable nozzles at desired temperature based on viscosity of solution. In this process, an air gap is maintained prior to passing the same into the dilute NNMO/IL bath for regeneration of cellulose into Fibre form. Thereafter, fibres are drawn off, washed, bleached, finished, dried and baled. Finally the product is ready as a raw material for Textile/Non-woven Industry Sectors. This slurry is then introduced into a special high viscosity mixing equipment which is operated under vacuum to effect evaporation of water from the above slurry. At a certain composition of Pulp/NMMO (or Ionic Liquid)/Water, the cellulose in the pulp goes into solution in the NMMO/IL-water combination. The bath is filtered, purified, concentrated and then recycled for dissolution of pulp. The proportion of NMMO/ Ionic Liquid that can be recovered is about 99.8%. Thus the process practically becomes a “closed process”. It was also reported that no hazardous chemicals shall be used in the process and the solvent proposed to be used is eco-friendly. Water requirement shall increase by 680 m³/day, which shall be met from the Dam constructed on river Chambal. In view of the merits of the technology and the case being an expansion of existing project, PP has requested for exemption from public hearing. After deliberations committee has decided to issue TOR for conducting EIA/EMP with inclusion of following points:

- Although PP has requested for exemption from public hearing but under present circumstances PP shall have to carry out public hearing as the unit is not proposed in notified industrial area.
- Committee has asked the PP to submit recommendation / certification from concerned authorized agency in support of their claim for exemption from public hearing and only after validation of the state of affairs through field visit of the committee prior to the EIA presentation the matter could be reconsidered.
- 33% of the total plot area has to be planned for green belt development.

(S.C. Jain)
Chairman SEAC

(K.K.Goswami)
Member SEAC

(V. Subramanian)
Member SEAC

(S.R. Shukla)
Member SEAC

(R.K. Jain)
Secretary

- All environmental monitoring has to be conducted through NABL/MoEF approved laboratory.
- Only NABET accredited / enlisted environmental consultant can be engaged for carrying out EIA /EMP.
- Commitment / permission from competent authority for supply of water for the project to be submitted.
- Industry shall explore the possibility of re-cycling of treated effluent in process.
- EIA should be carried out for the whole premises considering existing as well as proposed expansion.
- Compliance report for the terms and conditions of the existing consents / clearances and authorization to be submitted with EIA.
- Nagda has been identified as severely polluted area as per the MoEF circular dated 13/01/2010, with CEPI scores of 66.7. Hence opinion from Regional Officer MPPCB, Ujjain has to be obtained as per the MoEF circular dated 25/08/2009.

2. Case No. 604/2010 M/s Khatri Minerals & Mining Co. 365, South Motinalla, Hanumantal, Jabalpur (M.P.)-482003 Iron Ore Benefication Plant at Khasra No. 225/1, 227/3, Vill.-Siluajhansi, Teh.- Sihora, Distt.-Jabalpur (M.P.) Capa.- 70000 TPA For ToR Env. Consultant: Pollution & Ecology Control Services Nagpur (SN 133)

Neither the PP nor his representative was present during the deliberation to help in understanding the documents, & discrepancies etc. hence committee decided to call the PP in next meeting.

3. Case No. 605/2010 M/s Ramchandra Badriprasad Gour "Gaur Bhavan" Hanumanganj, Distt. -Katni (M.P.)- 482003 Ametha Limestone mine at Khasra No. 311, 336, 350, 327, 339, 341, 344, 351, 326, 338, 337, 328, 340, 343, 345 Vill.- Vijayraghgarh, Distt.- Katni (M.P.) Area- 12.93 Ha. Capa.- 164763 TPA_Env. Consultant: Creative

(S.C. Jain)
Chairman SEAC

(K.K.Goswami)
Member SEAC

(V. Subramanian)
Member SEAC

(S.R. Shukla)
Member SEAC

(R.K. Jain)
Secretary

Enviro Service, Bhopal. (SN-29) 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. This is a case of a new mine yet to open. The case has been submitted for TOR approval. The salient features of the project were presented by the PP and his consultant before the committee which reveals following: Nearest Highway is Jhukehi-Kaymore State Highway – 1.0 km, nearest railway line is about 1.0 Km and nearest Village is Amehta Shramdam. Nearest habitat was reported to be at 300 meters from the site. It was also reported that the - Surma Reserve Forest is in East at 4.0 km and Banjari RF is 6km from the site. Tones River in NW is 4.6km from the site. Ultimate depth of mining shall be 28 meters bgl and shall intersect the ground water table. In view of proximity to a residential colony committee has decided to visit the site before issuing TOR.

4. Case No. 320/2019 - M/s Sanghi Energy Ltd 208-20 2nd Floor Pragati Tower 26, Rajendra place, New Delhi 3 x 135 M.W. Thermal Power project Stage-I at Village Bhadanpur Teh-Maihar, Distt-Satna-M.P. *Env. Consultant- Vogue Construction & Consultancy Services (P) Ltd. N. Delhi. TOR Issued letter No. 670 Dt. 03/07/09* For EIA Presentation

Thermal Power Plants with production capacity of < 500 MW (coal/lignite/naphtha & gas based) are covered at SN B,1(d) of the schedule of EIA Notification hence are required to be appraised by SEAC. The case was submitted to SEIAA for prior EC, TOR was issued vide letter dated 03/07/2009. EIA was submitted by the PP for appraisal. Public Hearing was conducted on dated 20/10/2010, no major issues were raised in the public hearing. PP and his consultant presented the salient features of the EIA /EMP. Thermal Power Project of 405 MW namely Bhadanpur Thermal Power Project, Stage-I, (3x135 MW) is proposed near

(S.C. Jain)
Chairman SEAC

(K.K.Goswami)
Member SEAC

(V. Subramanian)
Member SEAC

(S.R. Shukla)
Member SEAC

(R.K. Jain)
Secretary

village Bhadanpur and Kakara villages, Maihar Tehsil of Satna District. Village Kakra is nearest habitat about 2 km from the site. Water requirement shall be 1985 m³ /hr. Source of water is reported to be Bansagar dam / Mahanad River. Revised land requirement was reported to be 133.981 Ha. Daily maximum coal requirement shall be about 6075 ton, with ash content of 34% (Max) and sulphur 0.5% , it was reported that the coal source will be SECL mines Umaria located at about 55 Km from the site. Air pollution control devices include- high efficiency ESP with emission limit of 50 mg/Nm³, tri-flue stack of height – 130 meters is proposed. Fly-ash shall be generated to the tune of 2066 ton/day which is proposed to be dry-collected & used in the cement units. Sewage treatment plant is proposed. Bottom ash is proposed to be collected in the ash-dyke. After deliberation committee has sought following information from the PP:

- During TOR presentation land requirement for the project was reported to be 470.76 Ha which seems to be appropriate, however in the EIA/EMP presentation it was reported to be just 133.981 ha, justification for this anomaly with land ownership documents to be submitted.
- Coal linkage- documents have not been submitted by the PP in accordance to the MoEF Circular dated 01/11/2010.
- Water supply- Firm commitment and clear permissions from the concerned authorities for supply of requisite quantity of water to be submitted.
- Exact distance of the plant boundary and the stack from the highway to be reported.
- Height of the proposed common stack to be revised and submitted.
- Agreement with cement industries for ash utilization to be submitted.
- Lay out plan showing details of the plant including the locations of ash-dyke, stack, coal handling area and area under plantation (at-least 33% of total plot area) etc. to be submitted.

(S.C. Jain)
Chairman SEAC

(K.K.Goswami)
Member SEAC

(V. Subramanian)
Member SEAC

(S.R. Shukla)
Member SEAC

(R.K. Jain)
Secretary

- Company is expected to transport huge quantity of coal from railway siding up to the plant; transportation route for the same to be submitted.

5. Case no.607/2010 M/s IVRCL Infrastructure & Project Ltd, Office Camp, village-gyanpura, Jhabua Raod Dhar(M.P) 476001 Mining Unit Khasra no.62/1/1 at village- Rangwasa Teh; Dapalpur & Distt.- Indore (M.P) Proposed Capa.- 12 Lac Cubic Meter/Annum. Produced-Basalt Rock, Total land area – 41.1 ha. Lease area – 37.5 ha. **For Tor** *Env. Consultant- Not disclosed*

Neither the PP nor his representative was present during the deliberation to help in understanding the documents, & discrepancies etc. hence committee decided to call the PP in next meeting.

6. Case no.608/2010 Shri Jasjit singh Walia Partner, M/S Karan Minerals 188, Rizwan Bagh, Lalghati, Bhopal (M.P) Karmai Soapstone and Marble Mine Khasra No. 815/1& 815/2 at village-karmai Teh: Majholi Distt. Sidhi (M.P) Area-15.61 ha, Capa: Marble Block -4000 cum/Annum, Soap Stone-250 TPA **For Tor** *Env. Consultant- Not disclosed*

Neither the PP nor his representative was present during the deliberation to help in understanding the documents, & discrepancies etc. hence committee decided to call the PP in next meeting.

7. Case no. 613/2010 - Sh. K.P.Singh,DGM(Mines) M/s Grasim Industries Limited (White Cement Division) D-7,Shastri Nagar, Jodhpur (Raj.) – 342003 Chhapparwah Dolomite mine at Village- Chhapparwah Teh. - Badwara, Distt. - Katni (M.P.) Area- 19.71 ha. Capa.- 5.0 Lacs TPA *Env. Consultant: Créative Enviro Service, Bhopal. (SN-29)* **For Tor**

(S.C. Jain)
Chairman SEAC

(K.K.Goswami)
Member SEAC

(V. Subramanian)
Member SEAC

(S.R. Shukla)
Member SEAC

(R.K. Jain)
Secretary

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 case has been submitted for issue / approval of TOR for carrying out EIA studies. PP and his consultant presented the salient features of the project before the committee. Following are the features revealed from the submission of the PP:

This is existing mine presently operating. The mine lease has been transferred from M/s Alcon Laboratories to M/s Grasim Industries. Open cast semi-mechanized mining is proposed. Nearest Highway is Sihora – Chandia PWD Road at 3.5 km, Nearest Village is Chhapparwah at 540 meters from the site. Nearest Forest is Kudra Reserve Forest at 1.0, No Ecological Sensitive Zone and Historical Place has been reported in 10km radius.

After deliberations committee has approved the TOR with inclusion of following:

- Duly attested & certified Mining Plan approved by competent authority has to be submitted along with the copy of current lease deed and lease letter.
- 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.
- All monitoring has to be conducted as per the notification dated 16/11/2009.
- 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 with map depictions 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.

(S.C. Jain)
Chairman SEAC

(K.K.Goswami)
Member SEAC

(V. Subramanian)
Member SEAC

(S.R. Shukla)
Member SEAC

(R.K. Jain)
Secretary

- Management of OB solid waste generated during mining has to be addressed through incorporation of a concrete plan for the same. The OB area should be as away as possible from the water bodies in vicinity of the site.
- 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. Exact distances of nearby features have to be reported using advanced technique.
- Location is also to be shown in Tehsil map procured from revenue department.
- Compliance of EC and air/water consents to be incorporated.
- The EIA should be prepared based on model TOR for appraisal of mining projects issued by MoEF, Delhi
- NOC from Gram Sabha for mining as well for supply of water from the village sources.
- NOC from forest department mentioning the distances of lease area from reserve forest, wild life sanctuaries, national parks etc.
- All distances have to be reported along with GPS co-ordinates.
- EMP should address the measures planned to protect the water bodies in vicinity of the project site.
- EIA has to be conducted by NABET approved consultant only.
- 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.

8. Case no. 611/2010- Sh Sudarshan Jhawar, 103 Ground floor, Parswanath Bhawan, Jhawar Estate, Gandhi Road, Gwalior (M.P.) Mantri City- Integrated Township (Area Development cum construction) at

(S.C. Jain)
Chairman SEAC

(K.K.Goswami)
Member SEAC

(V. Subramanian)
Member SEAC

(S.R. Shukla)
Member SEAC

(R.K. Jain)
Secretary

Kh.N0.01,03,10,11,12,13,204,1295,1296,1297,1300,1301,1302,1304,1305,1306,1307,1308,1309,1310,1311,1322,1348,1349,1353,1354,1357,1358,1359,1363,1364,1365,1366,1367,1368,1371,1369,1370,1373,1374,1375,1376,1377,1378,1379,1380,1381,1083,1061,1062,1063,1064,1065,1066,1067.Village-Sujana& kulaith The. & Distt. - Gwalior (M.P) with total area 332438.9m2 & built-up area 113685.85 m2 and land development area- 84483.46 m2 **For Building Construction & Area development**
Env. Consultant Env. Consultant: Insitu Enviro care, Bhopal (S.N. 100)

The building construction projects with area development are listed at SN 8(a), hence are required to be appraised by SEAC. This is a proposed area development & building construction project located at Village- Sujana & Kulaith Tehsil & Distt. - Gwalior (M.P). The nearest railway station is Gwalior at a distance of approx. 12 km. Deliberations revealed following details on the salient features of the project:

SN	PARTICULARS	DESCRIPTION
1.	Plot Area	332438.9 m2
2.	Area under Road	12024 m2
3.	Area for development	84483.46 m2
4.	Proposed Built up area	113685.85 m2
5.	Green Area	51224.25 m2
6.	Project Cost	Rs 38.45 Crore
7.	Water Requirement	1500 KLD
8.	Source of water	Shall be supplied by the Special Area Development Authority Gwalior
9.	Electricity Requirement and Source	1 MW from MPSEB
10.	Power back-up	Not reported

Documents submitted by the PP: Land allotment orders from SADA (Counter magnet) Gwalior, Water supply and solid waste management commitment from SADA (Counter magnet) Gwalior. After deliberation committee has asked the PP for submission of reply to the following queries:

1. Development Plan duly approved by the Town & Country Planning

(S.C. Jain)
Chairman SEAC

(K.K.Goswami)
Member SEAC

(V. Subramanian)
Member SEAC

(S.R. Shukla)
Member SEAC

(R.K. Jain)
Secretary

- Department.
2. Building permission from competent authority.
 3. Design of STP has to be reviewed and detailed drawing & design has to be submitted.
 4. Conceptual Plan showing the locations of STP, water harvesting system, green areas and other features has to be submitted.
 5. Quantification of MSW to be submitted.
 6. Details of power conservation through use of solar energy and other efforts.
 7. Commitment for adopting green building concept.
 8. Details of the amenities planned in the proposed commercial complex.
 9. Scheme for plantation in at least 33% of total plot area.
 10. Area's catchments showing drainage pattern of the area.
 11. Total habitants proposed to be accommodated in the township.

9. Case No. 617/2010 – Sh. Anil Chondsonia , Chief Engineer (BOT) M.P. Road Development Corporation, 16-A, Area Hills Bhopal (M.P.) 462011 Bhopal-Berasia-Sironj Road SH-23 (2 Lane with paved shoulders) Construction of Guna (existing length- 106.90Km, proposed length 106.32 Km) For ToR Env. Consultant Env. Consultant:Sai Consulting Engineers Pvt.Ltd. Ahmedabad (Gujrat)

Neither the PP nor his representative was present during the deliberation to help in understanding the documents, & discrepancies etc. Request from PP was received for considering their case in the meeting scheduled for 7th January 11; committee accepted the request subject to availability of time on the said date.

10. Case No. 618/2010 – Sh. Anil Chondsonia , Chief Engineer (BOT) M.P. Road Development Corporation, 16-A, Area Hills Bhopal (M.P.) Construction of Guna Ashok-Nagar-Ishagarh Road SH-20 (existing length- 75.20Km, proposed length 76.150 Km) For ToR Env. Consultant Env. Consultant:Sai Consulting Engineers Pvt.Ltd. Ahmedabad (Gujrat)

Neither the PP nor his representative was present during the deliberation to help in understanding the documents, & discrepancies etc. Request from PP was

(S.C. Jain)
Chairman SEAC

(K.K.Goswami)
Member SEAC

(V. Subramanian)
Member SEAC

(S.R. Shukla)
Member SEAC

(R.K. Jain)
Secretary

received for considering their case in the meeting scheduled for 7th January 11; committee accepted the request subject to availability of time on the said date.

11. Case no. 569/2010 M/s Ashoka Hi-Tech Builders Pvt.Ltd. 501,Corporate house, 6th Floor 169,RNT,Marg-Indore (M.P.). Highrise residential complex at village- Pipaliya Kumar The.-& Distt.-Indore(M.P.) Total area- 46100.00 Sqm Built up area- 110764.70 sqm **Query Presentation For Building Construction** *Env. Consultant – Not Disclosed*

The building construction projects with area development are listed at SN 8(a), hence are required to be appraised by SEAC. The case was discussed in the 64th meeting dated 31/08/2010, whereby PP failed to submit ownership documents in name of M/s Ashoka Hi-tech Builders. The case was re-submitted with land ownership documents.

This is a proposed High rise building project at village- Pipaliya Kumar Tehsil & Distt.-Indore(M.P.). It was reported that the proposed project does not fall in the Municipal Corporation Indore limit and does not attract CEPI index declared by MoEF. The nearest railway station is Indore. Water shall used from Municipal supply as well as from ground water. Domestic waste water shall be treated in STP and treated water shall be used in flushing and gardening. Deliberations revealed following details on the salient features of the project:

SN	PARTICULARS	DESCRIPTION
1.	Plot Area	46100.00 Sqm
2.	Height of buildings	51 meters
3.	No. of residential quarters	1250
4.	Proposed Built up area	110764.70 sqm
5.	Green Area	12677.20 m ²
6.	Project Cost	Rs 200 Crore
7.	Water Requirement	1398 KLD
8.	MSW generation	2.89 MT/Day
9.	Electricity Requirement and Source	6963 KVA from MPSEB

(S.C. Jain)
Chairman SEAC

(K.K.Goswami)
Member SEAC

(V. Subramanian)
Member SEAC

(S.R. Shukla)
Member SEAC

(R.K. Jain)
Secretary

10.	Power back-up	12X125 KVA
-----	---------------	------------

Documents submitted by the PP: Land ownership documents in favour of M/s Ashoka Hitech, Approval from Town & Country Planning, Building Permission from Gram Panchayat Nipania, High-rise building permission from Town & Country Planning Department. After deliberation committee has asked the PP for submission of reply to the following queries:

- 1) Design of STP has to be reviewed and detailed drawing & design has to be submitted.
- 2) Conceptual Plan showing the locations of STP, water harvesting system, green areas and other features has to be submitted.
- 3) Quantification of MSW to be submitted.
- 4) Details of power conservation through use of solar energy and other efforts.
- 5) Commitment for adopting green building concept.
- 6) Details of the amenities planned in the proposed commercial complex.
- 7) Scheme for plantation in at least 33% of total plot area.
- 8) Permission from competent authorities for water supply.

12. Case No.612/2010 M/S Sanghi infrastructure M.P Ltd 625, Ansal Chamber-11,6, Bhakaji cama place, New Delhi, 110066- Captive Power Plant,Stage-1(2x60MW) at Khasra No. 455/1, Vill. Karitali, Tehsil: Vijayrahavgarh Distt. Katni(M.P) For TOR

Env. Consultant- Vogue Construction & Consultancy Services (P) Ltd. N. Delhi.

Thermal Power Plants with production capacity of < 500 MW (coal/lignite/naphtha & gas based) are covered at SN B,1(d) of the schedule of EIA Notification hence are required to be appraised by SEAC. It was reported the industry has applied for EC for Cement Unit in MoEF, which is under consideration over there. PP has failed to submit firm coal linkage. After discussion on the matter committee has decided to ask MoEF for opinion with respect to the circular of MoEF dated 24/12/2010 regarding EIA/EMP of integrated projects. Meanwhile PP was asked to obtain firm coal linkage as per the MoEF circular dated 01/11/2010. The case will reconsider only after the firm coal linkage is available with PP. Case was deferred till submission of above response.

Meeting ended with thanks to the chair.

(S.C. Jain)
Chairman SEAC

(K.K.Goswami)
Member SEAC

(V. Subramanian)
Member SEAC

(S.R. Shukla)
Member SEAC

(R.K. Jain)
Secretary