

The 430<sup>th</sup> meeting of the State Expert Appraisal Committee (SEAC) was held on 17<sup>th</sup> March, 2020 under the Chairmanship of Mohd. Kasam Khan for the projects / issues received from SEIAA. The following members attended the meeting-

1. Dr. Mohd. Akram Khan, Member.
2. Dr. A. K. Sharma, Member.
3. Dr. Jai Prakash Shukla, Member.
4. Shri R. S. Kori, Secretary.

The Chairman welcomed all the members of the Committee and thereafter agenda items were taken up for deliberations.

**1. Case No. - 5965/2019 M/s. BalaJi Developer, Partner Shree Vekash Mittal, R/O 301, Pukhraj Corporate, Navlakha Dist. Indore Prior Environment Clearance for Crusher Stone Quarry in an area of 4.50 Ha. (81,000 cum per annum) (Khasra No. 354/4, 355/1, 355/2, 356), Village - Rehli, Tehsil - Hatpipliya, Dist. Dewas (MP).**

This is case of Crusher Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 354/4, 355/1, 355/2, 356), Village - Rehli, Tehsil - Hatpipliya, Dist. Dewas (MP) 4.50 Ha. The project requires prior EC before commencement of any activity at site.

Vide Collector office (OIC, Kanij Shakha) letter no. 71 dated 14.01.2019 (referring a letter signed on dated 11.01.2019 by Asstt. Tracer) informed that there are two more lease of 3.31ha and 1.8ha area respectively and total three mines with commulative area of 9.610 ha within the the 500 meters of this mine and forms a cluster of > 5.00 ha., and shall be appraised as per recent O.M. dated 12.12.2018 for conducting EIA & Public hearing.

The case was presented by PP and their consultant. Being it's a case of cluster of more than 5.0 ha., area committee recommended to issue standard TOR prescribed by the MoEF&CC for conducting the EIA along with following additional TOR's and general conditions as per Annex. D:-

1. Detailed evacuation plan with transport route, required infrastructure and man-power is to be discussed in the EIA report.
2. Detailed study of ground vibration and fly rocks shall be done.
3. Transportation plan & traffic management plan should be discussed in the EIA report.
4. Inventory of all sensitive receptors in 2 Km & 5 Km around the mine.

5. Mine water discharge plan with details of garland drains and settling tanks should be detailed out on a map in the EIA report.
6. Compliance of consent conditions duly authenticated by concerned Regional Officer, MP Pollution Control Board.
7. Year wise details of minerals already excavated till date should be submitted with EIA report.
8. Commitment of PP that no production since 2006 shall also be attached with the EIA report.
9. Level of mechanization should be discussed in the EIA report.
10. Hydro geological study should be carried out if ground water intersection is proposed.
11. Top soil management plan should be addressed in EIA report.
12. Input data of modeling should be addressed in EIA along with this all back up calculation.
13. Onsite pictures of monitoring and survey along with date and time on photographs should be attached with the EIA report and monitoring should be conducted in consultation with the regional officer of the MP Pollution Control Board.
14. Inventory of all existing trees and if any tree is to be uprooted, then it should be clearly addressed in EIA.
15. Ground water table data should be compared with data of Central Ground Water Board authorities nearest sampling point.
16. Water quality of all the villages within 10 Km radius should be studied and result should be incorporated in final EIA report.
17. PP would follow environmental extend rules.

PP has submitted the EIA report vide letter dated 03/03/2020 which was forwarded through SEIAA vide letter no. 4849 dated 05/03/2020.

The case was presented by the PP and their consultant wherein it was observed by the committee through Google image that within lease some trees are existing PP stated that only single tree will be uprooted which is in the centre behalf of this ten times more trees will be planted. The remaining trees which are in the barrier zone will be kept intact. After presentation, PP was asked to provide response on following:

1. Revised plantation as proposal for 4110 no. with suggested species (remove species like arjun, Shahtoot, & Balam kheera).
2. Revised EMP, for development of grazing land on back filled area, on land available in the conceptual period within lease & PPEs equipments.
3. Revised CER as suggested by committee.
4. Revised details of traffic flow adding vehicles after project commencement.

PP vide their letter dated 17/03/2020 submitted query reply which was placed before the committee which was found satisfactory and acceptable to the committee. The EIA/EMP and other submissions made by the PP earlier were found to be satisfactory and acceptable, hence committee decided to recommend the case for grant of prior EC for approval of Crusher Stone Quarry in an area of 4.50 Ha. (81,000 cum per annum) (Khasra No. 354/4, 355/1, 355/2, 356), Village - Rehli, Tehsil - Hatpipliya, Dist. Dewas (MP), subject to the following special conditions:

### **PRE-MINING PHASE**

1. The lease boundary should be clearly demarcated at site with the given co-ordinates by pillars.
2. Necessary consents for proposed activity shall be obtained from MPPCB and the air / water pollution control measures have to be installed as per the recommendation of MPPCB.
3. Authorization (if required) under Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016 should be obtained by the PP if required.
4. PP will also carry out fencing all around the lease area.
5. If any tree uprooting is proposed necessary permission from the competent authority should be obtained for the same.
6. For dust suppression, regular sprinkling of water should be undertaken.
7. Haul road and shall be compacted on regular interval and transport road will be made pucca (tar road) and shall be constructed prior to operation of mine.
8. PP will obtain other necessary clearances/NOC from respective authorities.
9. Slope stability study shall be carried out before commencing the mining activities.
10. Reject stone shall be sold only after approval of the State Government as per the prevailing rules & regulations.

### **(A) MINING OPERATIONAL PHASE**

11. No overcharging during blasting to avoid vibration.
12. Controlled and muffle blasting shall be carried out considering habitation northern side of the lease.
13. Working height of the loading machines shall be compatible with bench configuration.
14. Slurry Mixed Explosive (SME) shall be used instead of solid cartridge.
15. No explosive will be stored at the mine site.
16. No intermediate stacking is permitted at the mine site.
17. No dump shall be stacked outside the lease area.

18. Overhead sprinklers shall be provided in mine.
19. Curtaining of site shall be done through thick plantation all around the boundaries of all part of lease. The proposed plantation scheme should be carried out along with the mining and PP would maintain the plants for five years including casualty replacement. Initially, dense plantation shall be developed along the site boundary (in three rows) to provide additional protection in one year only.
20. Peripheral plantation all around the project boundary shall be carried out using tall saplings of minimum 2 meters height of species which are fast growing with thick canopy cover preferably of perennial green nature. As proposed in the landscape plan & EMP a minimum of 4510 trees shall be planted on barrier zone, backfilled area and along the transportation route.
21. Transportation of material shall be done in covered vehicles.
22. Transportation of minerals shall not be carried out through forest area.
23. The OB shall be reutilized for maintenance of road. PP shall bound to compliance the final closure plan as approved by the IBM.
24. Garland drain and bund along with settling tank will be maintained in the boundary side and around dump to prevent siltation of low lying areas and in rush of water into the mine. The size of the drain will be 1.5 mt. wide & 1.0 mtr deep. The settling tank will be three in number of size 3.0 mtr wide, 5.0 mtr long & 3.0 mtr deep with a mine sump of 50mx30mx3m.
25. All garland drains shall be connected to settling tanks through settling pits and settled water shall be used for dust suppression, green belt development and beneficiation plant. Regular de-silting of drains and pits should be carried out.
26. For dust suppression over head sprinkler shall be provided while on transport road for dust suppression tankers shall be provided.
27. The existing and proposed land use plan of the mine is as follows:

<b>S. No</b>	<b>Description</b>	<b>Area put to use at start of plan (in Ha.)</b>	<b>Area after 5 years (in Ha.)</b>	<b>End of the Mine Life (in Ha.)</b>
1.	Mining	0.0000	3.79	3.79
2.	O.B. and waste dump	0.0000	0.71*	0.71*
3.	Infrastructure	0.0000	0.00	-
4.	Road	0.0000	0.00	-

5.	Green belt	0.0000	0.71	0.71
6.	Mineral stack	0.0000	0.00	-
7.	Mineral Reject	0.0000	0.00	-
8.	Water reservoir*	0.0000	-	3.79*
9.	Used area	0.0000	4.50	4.50
10.	Unused area	4.50	0.00	0.00
	Total lease area	4.50	4.50	4.50

28. Appropriate and submitted activities shall be taken up for social up-liftment of the Region. Funds reserved towards the same shall be utilized through Gram Panchayat. Further any need base and appropriate activity may be taken up in coordination with local panchayat.
29. PP will take adequate precautions so as not to cause any damage to the flora and fauna during mining operations.
30. The commitments made in the public hearing are to be fulfilled by the PP.
31. Fund should be exclusively earmarked for the implementation of EMP through a separate bank account.
32. PPE's such as helmet, ear muffs etc should be provide to the workers during mining operations.

**(B) ENTIRE LIFE OF THE PROJECT**

33. In the proposed EMP, capital cost is Rs. 03.80 Lakh is proposed and Rs. 07.74 Lakh /year as recurring expenses.
34. Under CSR activity, Rs. 05.0 Lakh is proposed as capital and recurring expenses respectively in different activities and should be implemented through respective committees.
35. The environment policy of the company should be framed as per MoEF&CC guidelines and same should be implemented through monitoring cell. In case the allocated EMP budget for mitigative measures to control the pollution is not utilized fully, the reason of under utilization of budgetary provisions for EMP should be addressed in annual return.

36. A separate bank account should be maintained for all the expenses made in the EMP activities by PP for financial accountability and these details should be provided in Annual Environmental Statement.
37. PP shall be responsible for discrepancy (if any) in the submissions made by the PP to SEAC & SEIAA.
38. PP will comply with all the commitments made vide letter dated 17.03.2020.
39. The validity of the EC shall be as per the provisions of EIA Notification subject to the following: Expansion or modernization in the project, entailing capacity/ built-up area/ project area, addition with change in process and or technology and any change in product - mix in proposed mining unit shall require a fresh Environment Clearance.

**2. Case No. - 5748/2018 M/s. S.L.K.Organics, Near Mahadev Press, Ward No. 20, Old Ram Mandir Road, Balaghat, MP – 481001 Prior Environment Clearance for Grain Based Distillery for Production of 10 KLPD of total spirit /fuel ethanol, 0.8 MW Co-generation power plant & 9 TPD of CO<sub>2</sub> generation as by product, at Khasra no.-289/4/2, 289/5/2, 291/19, Village- Kawda (Chatera Road), Tehsil - Lalburra, Dist. Balaghat (MP).Category: 5(g) Distillery Project. Env. Con. – Env. Consultant. – Creative Enviro Services, Bhopal (M.P.). (Revised TOR).**

This is a case of grain based distillery comprising production of RS and ENA including Co-generation of power generation of 0.8 MW Co-generation Power Plant, with proposed production capacity of 10 KLPD of Total Sprit/Fuel Ethanol. The unit is proposed Khasra No. – 289/4/2, 289/5/2, 291/19, at Village- Lawada (Chatera Road), Tehsil - Lalburra, Dist. - Balaghat (M.P.).

**Salient features of the project:**

The proposed project is green field project for production of Fuel Ethanol using grain as feed stock.

Site Address	Khasra - 289/4/2, 289/5/2, 291/19 , Village - Lawda , Chatera Road , Tehsil - Lalburra, and Distt - Balaghat (MP)
Production Capacity	Grain base distillery unit for fuel ethanol of 10 KLPD along with 800 Power Plant
Cost of Project	10 Crore
Grain Requirement	25 TPD
Boiler capacity at MCR (100% Load)	25 TPH
Steam Requirement	45kg/cm <sup>2</sup>
Fuel	34 TPD as Rice Husk
Net fresh Water Requirement	108 KLD
Power Requirement	600 KW

Capital Cost for Environmental measures ( proposed )	Rs 50 Lacs
Recurring cost for environmental monitoring etc ( Proposed )	Recurring charges is envisaged towards monitoring for Continuous Stack Emission Monitoring System (CSEMS) and Effluent Quality Monitoring System (EQMS) for 24x7 online systems for stack as well as effluent Treatment worked out in EIA study)
Proposed area for plantation	5000 sq mt
Alternative Source of Power	DG set of 625 KVA
Land acquired	1.22 hact ( 12200 sq mtrs)
Land required for plant and building	2796.46 sqmt

**Environmental Setting of Project:**

S. No.	Particulars	Details
1	Co-ordinate	21° 51' 23.58" N - 80° 7' 16.87" E 21° 51' 23.29" N - 80° 7' 18.90" E 21° 51' 28.78" N - 80° 7' 18.82" E 21° 51' 30.13" N - 80° 7' 20.64" E 21° 51' 26.90" N - 80° 7' 21.64" E
2	Height above mean sea level	315-309m MSL
3	Nearest Town	Balaghat – 5.75km – SE
4	Nearest Railway Station/Town	Dhapewara – 7.25km - ENE
5	Nearest Airport	Nagpur – 140km
6	Nearest Highway/Road	Lalburra –Balaghat SH- 36 - 1.25km
7	Hills/Valley	None in 10 km radius
8	Ecological Sensitive Zone	None in 10 km radius
9	Reserve Forest	PF – 400m – SE PF – 3.25km – WSW Najul RF – 5.75km - SE
10	Nearest Village	Lawada – 0.80km – WSW
11	Nearest River/ Nalla	Bargur Nalla – 0.40 km – N Seasonal Nalla – 0.30 km - E Wainganga River – 4.50 km – E Wainganga Main Canal – 2.50km – SW Sarathi Nadi – 5.00 km - NNE Pond – 0.50km – SE Atri Nalla – 9.7 5km - NNW
12	Surrounding Features	N- Agricultural land E- Agricultural land followed by Nalla S- Agricultural land followed by forest W- Waste land

Earlier this case was scheduled in 329<sup>th</sup> SEAC meeting dated 23/10/2018 wherein salient features of the project PFR and the proposed TOR were presented before the committee by the PP and his consultant. After deliberations committee has issued following TORs' in addition to the standard TORs' prescribed by the MoEF & CC annexed in annexure-D:

- Expected Odor nuisance in the nearby Villages to be addressed.
- The solid waste generated in the process is claimed to be used as cattle feed; details regarding its quality, use and overall management to be furnished.
- Zero liquid discharge shall be maintained for which necessary details shall be furnished.

PP vide letter dated 09/03/19 has applied for revised ToR, which was forwarded by the SEIAA vide letter no. 354 dated 25/04/19.

The case was presented by the PP and their consultant wherein PP submitted that the proposal is for increase in grain based distillery for fuel ethanol from 10 KLD to 30 KLD along with 500 KW power co- generations and 16 TPD of CO<sub>2</sub> generations as by product. PP submitted that due to viability of project above changes are essential. Committee after deliberations recommended the case for revised TOR with standard TORs' prescribed by the MoEF & CC & TOR recommended in 329<sup>th</sup> SEAC meeting dated 23/10/2018.

PP has submitted the EIA report vide letter dated 19/02/2020 which was forwarded through SEIAA vide letter no. 4527 dated 22/02/2020.

The case was presented by PP and their consultant wherein PP has submitted the salient features of this project:

**Salient features of the project:**

- The proposal was for green field project for production of Fuel Ethanol of 10 KLD along with cogen power generation & CO<sub>2</sub> generation was submitted and considered by SEAC in its 329<sup>th</sup> meeting dated 23.10.2018.
- The ToR for the project was issued vide number 364 dated 07.12.2018 for above configuration
- Considering the cost economic of project and Govt. policies for fuel ethanol plants, configuration is revised and it is proposed to install grain Base Distillery for production of 30 KLPD of fuel ethanol, 500 KW Co- generation power plant & 16 TPD of CO<sub>2</sub> Generation instead of 10 KLD plant.
- The revised ToR was issued vide no. 319/PS-MS/MPPCB/SEAC/TOR (367)/2019 dated 03.06.2019 and accordingly EIA study has been carried.



The PP stated that this is a grain based fuel ethanol plant which shall be ZLD based and zero waste producer, Out of total water used 70 % water will be recycled. During presentation as per the Google image based on coordinates provided by PP it was observed that some trees do exist within the project boundary for which PP submitted that no tree felling is proposed and the plant is designed in such a way that existing trees will be safe. PP further submitted that excess steam will be used for power generation; CO<sub>2</sub> shall be used for scrubbed and collected in closed vessels and will be sold out. The generated ash will be sent to bricks manufacturers. During discussion it was observed that lots of concerns were raised during public hearing for which PP submitted that being remote area public is worried about release of CO<sub>2</sub> gas and thus raised lots of issues. PP further submitted that initially they have moved the proposal for this project and cattle feed in the Panchayat and they can provide the copy of the same. After detailed discussions on issues raised in the public hearing, Committee was of the opinion that all the issues of public hearing are not properly addressed and compiled with the detailed technical support such as it's a grain base distillery for fuel ethanol of 40 KLPD, generated solid waste will be used as cattle feed, Zero liquid discharge shall be maintained and generated CO<sub>2</sub> will be scrubbed and disposed off for beneficial use and will not be discharged in the environment. Hence, after presentation the committee asked PP to submit following details:

1. Point wise technical reply (with all drawing & designs of proposed systems) of all the issues raised in public hearing (as technology, process, maintenance of CO<sub>2</sub> generated during process etc.) on 11.09.2019 should be compiled and addressed in the holistic manner.
  2. Revised plantation scheme shall be comprise fragrance plant species and these plants shall be planted at three meters intervals at the project boundary to prevent bad odor as suggested by committee.
  3. Copy of application made before the Panchayat.
3. **Case No 6924/2020 Shri Ajay Fuleriya S/o Shri Jagdeesh Fuleriya, R/o Bherwakhedi, Tehsil - Tonkkhurd, Dist. Dewas, MP – 455001 Prior Environment Clearance for Stone Quarry in an area of 1.0 ha. (5000 cum per annum) (Khasra No. 124/1), Village - Updi, Tehsil - Tonkkhurd, Dist. Dewas (MP)**

This is case of Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 124/1), Village - Updi, Tehsil - Tonkkhurd, Dist. Dewas (MP) 1.0 Ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, DSR report, information in the lease's within 500 meters radius around the site and other requisite information in the prescribed format duly verified in the Collector Office letter no. 203 dated: 19/02/2020 has reported that there are no more mines operating or proposed within 500 meters around the said mine.

During presentation as per Google image based on coordinates provided by PP, within 500 meters following sensitive features were observed:

<b>Sensitive Features</b>	<b>Approximate aerial distance from the lease area in meters</b>	<b>Direction</b>	<b>Remarks</b>
Kachcha Road	>100	SW-SE	Controlled blasting with arrangements of sand bags and three rows of Plantation towards road side.

After presentation the committee asked to submit following details:

- Revised EMP, by replacing capital cost mentioned under over-head water sprinkling system through tanker and budget for 3 meters MS sheets as crusher is proposed in the lease area.
- Revised CER with addition to proposal for development of charnoi land designated in the village and traffic awareness camp in the first year of the commencing of the mining.

PP has submitted the response of above quarries same date vide letter dated 17.03.2020, which was placed before the committee and the same found satisfactory. The EMP and other submissions made by the PP were found to be satisfactory and acceptable, hence committee decided to recommend the case for grant of prior EC subject to the following special conditions in addition to the standard conditions at annexure 'B':

1. Production shall be as per mine plan with quantity not exceeding for Stone 5,000 cum per annum.
2. A budgetary provision for Environmental management Plan of Rs. 7.43 Lakh as capital and Rs 3.38 Lakh/year and under CSR Rs. 0.60 Lakh.

**4. Case No 6879/2020 Shri Pappan Yadav, R/o Village & Post - Jonsil, Tehsil - Sabalgarh, Dist. Morena, MP Prior Environment Clearance for Soil Quarry in an area of 1.0 ha. (1500 cum per annum) (Khasra No. 36/Min-1 Pvt. Land), Village - Jonsil, Tehsil - Sabalgarh, Dist. Morena (MP)**

This is case of Soil Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 36/Min-1 Pvt. Land), Village - Jonsil, Tehsil - Sabalgarh, Dist. Morena (MP) 1.0 Ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, DSR report, information in the lease's within 500 meters radius around the site and other requisite information in the prescribed format duly verified in the Tehsildar Office letter no. dated: 17.01.2020 has reported that there are no more mines operating or proposed within 500 meters around the said mine.

The case was presented by the PP and their consultant. During presentation as per Google image based on coordinates provided by PP. The PP stated that it is soil quarry where no drilling and blasting is proposed in this context not any significant sensitive features were observed within 500 meters of the lease area. After presentation the committee asked to submit following details:

- Commitment for depth restriction of 01 meters.
- Legible copy of MO certificate.
- Revised EMP, by replacing capital cost mentioned under over-head water sprinkling system through tanker.

Vide letter dated 17.03.2020, PP has submitted the desired information, which was placed before the committee. After deliberations, the EMP and other submissions made by the PP were found to be satisfactory and acceptable, hence committee decided to recommend the case for grant of prior EC subject to the following special conditions in addition to the standard conditions at annexure 'A':

1. Production shall be as per mine plan with quantity not exceeding for Soil 1,500 cum/annum.
2. A budgetary provision for Environmental management Plan of Rs. 7.47 Lakh as capital and Rs. 2.0 Lakh/year. Under CER Rs. 0.45 Lakh/years has proposed.

**5. Case No 6844/2020 Shri Vinod Patidar S/o Shri Dhartilal Patidar, Manawar, Tehsil - Manawar, Dist. Dhar, MP – 454446 Prior Environment Clearance for Stone Quarry in an area of 4.00 ha. (28,500 cum per annum) (Khasra No. 01), Village - Nigrani, Tehsil - Manawar, Dist. Dhar (MP).**

This is case of Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 01), Village - Nigrani, Tehsil - Manawar, Dist. Dhar (MP) 4.00 Ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, DSR report, information in the lease's within 500 meters radius around the site and other requisite information in the prescribed format duly verified in the Collector Office letter No. 378 dated: 27/02/2018 has reported that there is 01 more mines operating or proposed within 500 meters around the said mine total area of 5.00 ha., including this mine.

The case was scheduled for the presentation in 428<sup>th</sup> SEAC meeting dated 29/02/2020 but neither the Project Proponent (PP) nor his representative was present to explain the query which might be raised or to make any commitment which may be desired by the committee during the deliberation. Committee decided to call the PP in subsequent meetings.

The case was scheduled for the presentation but neither the Project Proponent (PP) nor his representative was present to explain the query which might be raised or to make any commitment which may be desired by the committee during the deliberation. Committee decided to call the PP in subsequent meetings.

**6. Case No 6854/2020 Shri Ayushman Singh S/o Shri Ravendra Singh, R/o Pahrui, Tehsil & Dist. Katni, MP Prior Environment Clearance for Flag Stone Quarry in an area of 1.01 ha. (3500 cum per annum) (Khasra No. 38/2), Village - Sigda, Tehsil - Pawai, Dist. Panna (MP)**

This is case of Flag Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 38/2), Village - Sigda, Tehsil - Pawai, Dist. Panna (MP) 1.01 Ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, DSR report, information in the lease's within 500 meters radius around the site and other requisite information in the prescribed format duly verified in the Collector Office letter no. 232 dated: 06/02/2020 has reported that there are 01 more mines operating or proposed within 500 meters around the said mine total area of 2.13 ha., including this mine.

The case was presented by PP and their consultant, wherein PP submits that since it is a Flagstone Quarry no blasting is proposed. Mining shall be through Opencast Semi Mechanized Method. In the the DFO letter dated 13/03/2018 forest area is at a distance of approx. 60.0 meters from the lease boundary, for which PP has obtained approval from Divisional Commissioner Level Forest Committee, the meeting held on 03.03.2018.

During presentation as per Google image based on coordinates provided by PP, within 500 meters following sensitive features were observed:

<b>Sensitive Features</b>	<b>Approximate aerial distance from the lease area in meters</b>	<b>Direction</b>	<b>Remarks</b>
Some Trees	Lease boundary	North -East	Commitment that no tree falling is proposed.

After presentation the committee asked to submit following details:

- Revised plantation of proposal of 1100 nos.
- Revised CER with addition to proposal for development of charnoi land designated in the village and traffic awareness camp in the first year of the mining.

PP has submitted the response of above quarries same date vide letter dated 17.03.2020, which was placed before the committee and the same found satisfactory. The EMP and other submissions made by the PP were found to be satisfactory and acceptable, hence committee decided to recommend the case for grant of prior EC subject to the following special conditions in addition to the standard conditions at annexure 'A':

1. Production shall be as per mine plan with quantity not exceeding for Flagstone 3500 cum/annum.
2. A budgetary provision for Environmental management Plan of Rs. 7.27 Lakh as capital and Rs. 2.18 Lakh/year. Under CER Rs. 0.30 Lakh/ year has proposed.

**7. Case No 6861/2020 Shri Rajendra Kumar Rai S/o Shri Nathuram Rai, R/o HIG 05, Sun City Colony, Dist. Chhatarpur, MP - 471318, Prior Environment Clearance for Metal Stone Quarry in an area of 2.10 ha. (200003 cum per annum) (Khasra No. 103), Village - Banpura, Tehsil - Buxwaha, Dist. Chhatarpur (MP)**

This is case of Metal Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 103), Village - Banpura, Tehsil - Buxwaha, Dist.

Chhatarpur (MP) 2.10 Ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, DSR report, information in the lease's within 500 meters radius around the site and other requisite information in the prescribed format duly verified in the Assistant Mining Officer (Collector Office Chhatarpur) letter no. 1022 dated: 14/02/2019 has reported that there are no more mines operating or proposed within 500 meters around the said mine.

During presentation as per Google image based on coordinates provided by PP, within 500 meters following sensitive features were observed:

<b>Sensitive Features</b>	<b>Approximate aerial distance from the lease area in meters</b>	<b>Direction</b>	<b>Remarks</b>
Some Trees	Within Lease boundary	-	Commitment that no tree falling is proposed.
Natural Drain	>60	South West to South-East	Provision of Garland drain & settling tanks.
Kachha Road	>100	NE	Controlled blasting with arrangements of sand bags and three rows of Plantation towards road side.
State Highway	>220	North	Controlled blasting with arrangements of sand bags and three rows of Plantation towards road side.
Settlement	>220	North- West	Controlled blasting with arrangements of sand bags and three rows of Plantation towards road side.

After presentation the committee asked to submit following details:

- Commitment that no tree falling is proposed with tree inventory.
- Evacuation and transportation plan.
- Revised water demand for plantation.
- Revised plantation of proposal of 2100 nos.
- Revised EMP with proposal of two water sprinkling system as production is too high.
- Revised CER with addition to proposal for development of charnoi land designated in the village and traffic awareness camp in the first year of the mining.

PP has submitted the response of above quarries same date vide letter dated 17.03.2020, which was placed before the committee and the same found satisfactory. The EMP and other

submissions made by the PP were found to be satisfactory and acceptable, hence committee decided to recommend the case for grant of prior EC subject to the following special conditions in addition to the standard conditions at annexure 'A':

1. Production shall be as per mine plan with quantity not exceeding for Stone 2,00,003 cum per annum cum/annum.
2. A budgetary provision for Environmental management Plan of Rs. 9.95 Lakh as capital and Rs. 4.85 Lakh/year. Under CER Rs. 2.75 Lakh/ year has proposed.

**8. Case No 6865/2020 Smt. Deepika Sogani W/o Shri Rishabh Sogani (Jain), Village - Borjhiri, Tehsil - Manawar, Dist. Dhar, MP – 454221 Prior Environment Clearance for Metal Stone Quarry in an area of 2.0 ha. (8075 cum per annum) (Khasra No. 68/1), Village - Khargone, Tehsil - Manawar, Dist. Dhar (MP)**

This is case of Metal Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 68/1), Village - Khargone, Tehsil - Manawar, Dist. Dhar (MP) 2.0 Ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, DSR report, information in the lease's within 500 meters radius around the site and other requisite information in the prescribed format duly verified in the Collector Office letter no. 178 dated: 13/02/2020 has reported that there are 01 more mines operating or proposed within 500 meters around the said mine total area of 4.0 ha., including this mine.

During presentation as per Google image based on coordinates provided by PP, within 500 meters following sensitive features were observed:

<b>Sensitive Features</b>	<b>Approximate aerial distance from the lease area in meters</b>	<b>Direction</b>	<b>Remarks</b>
Kachha Road	>100	West	Controlled blasting with arrangements of sand bags and three rows of Plantation towards road side.
Stop dam	>50 & >100	South & North	Controlled blasting with arrangements of sand bags & Provision of Garland drain & settling tanks.
Settlement	>300	South	Controlled blasting with arrangements of sand bags and three rows of Plantation towards road side.

After presentation the committee asked to submit following details:

- Commitment that blasting shall be conducted once in a week.
- Revised water demand for plantation.
- Revised plantation species as suggested by the committee.
- Revised EMP, by replacing over-head water sprinkling system to tanker in the entry and exit points.
- Revised CER with addition to proposal for development of charnoi land designated in the village and traffic awareness camp in the first year of the mining.

PP has submitted the response of above quarries same date vide letter dated 17.03.2020, which was placed before the committee and the same found satisfactory. The EMP and other submissions made by the PP were found to be satisfactory and acceptable, hence committee decided to recommend the case for grant of prior EC subject to the following special conditions in addition to the standard conditions at annexure 'A':

1. Production shall be as per mine plan with quantity not exceeding for Stone 8,075 cum/annum.
2. A budgetary provision for Environmental management Plan of Rs. 5.37 Lakh as capital and Rs.3.03 Lakh/year. Under CER Rs. 0.40 Lakh/ year has proposed.

**9. Case No 6856/2020 Shri Tarun Khurana S/o Late Shri Jagdish Khurana, 8, Chouthmal Colony, Dist. Indore, MP - 452001 Prior Environment Clearance for Metal Stone Quarry in an area of 2.0 ha. (15000 cum per annum) (Khasra No. 208), Village - Baank, Tehsil - Indore, Dist. Indore (MP)**

This is case of Metal Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 208), Village - Baank, Tehsil - Indore, Dist. Indore (MP) 2.0 Ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, DSR report, information in the lease's within 500 meters radius around the site and other requisite information in the prescribed format duly verified in the Collector Office letter no. 565 dated: 14/06/2018 has reported that there are 01 more mines operating or proposed within 500 meters around the said mine total area of 3.0 ha., including this mine.

During presentation as per Google image based on coordinates provided by PP, it was observed by the committee that the sanctioned lease is already excavated and located in the populated area where lots of developmental activities can be seen. Further it was observed through Google



image that on the southern site of lease approx 130 meters Raja Ramanna Centre for Advanced Technology (RRCAT) situated which is Government of India, Department of Atomic Energy's institute. Hence, committee after deliberation decided that in the light of 52 (c) of MMR rules, where such sensitive activities should not be located < 300 meters, EC for this site cannot be recommended and case may be sent to SEIAA for necessary action.

**10. Case No 6923/2020 M/s Maa Narmada Crusher, Prop. SHri Ramlal Mandloi, Village - Borjhiri, Tehsil - Manawar, Dist. Dhar, MP – 454446 Prior Environment Clearance for Stone Quarry in an area of 2.90 ha. (8416 cum per annum) (Khasra No. 46/1), Village - Sondul, Tehsil - Manawar, Dist. Dhar (MP)**

This is case of Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 46/1), Village - Sondul, Tehsil - Manawar, Dist. Dhar (MP) 2.90 Ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, DSR report, information in the lease's within 500 meters radius around the site and other requisite information in the prescribed format duly verified in the Collector Office letter no. 2598 dated: 26/12/2019 has reported that there are no more mines operating or proposed within 500 meters around the said mine.

The case was scheduled for the presentation but neither the Project Proponent (PP) nor his representative was present to explain the query which might be raised or to make any commitment which may be desired by the committee during the deliberation. Committee decided to call the PP in subsequent meetings.

**11. Case No 6772/2020 Smt. Kumkum Singh W/o Collector Singh, Village - Kubri, Tehsil - Bahari, Dist. Sidhi, MP – 486771 Prior Environment Clearance for Stone Quarry in an area of 2.00 ha. (24,000 cum per annum) (Khasra No. 405, 409/2 Part), Village - Karaundi, Tehsil - Kubri, Dist. Sidhi (MP).**

This is case of Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 405, 409/2 Part), Village - Karaundi, Tehsil - Kubri, Dist. Sidhi (MP) 2.00 ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, DSR report, information in the lease's within 500 meters radius around the site and other requisite information in the prescribed format duly verified in the Collector Office letter no 1569 dated 14/10/19 has reported that there are no more mines operating or proposed within 500 meters around the said mine.

The case was scheduled for presentation, wherein neither the Project Proponent (PP) nor his representative was present to explain the query which might be raised or to make any commitment which may be desired by the committee during the deliberation. PP was also absent in the 428<sup>th</sup> SEAC meeting dated 29/2/2020 & 422<sup>nd</sup> SEAC meeting dated 10/02/2020. Committee decided to call the PP in subsequent meetings giving last chance to present their case and even if PP remains absent the case shall be returned to SEIAA assuming that PP is not interested to continue with the project.

The case was presented by the PP and their consultant. As per Google image based on coordinates provided by PP it was observed that mine lease is in two parts, PP submitted that lower part of the lease of 0.40 ha. which is in the south side shall be dealt as non- mining area and keep intact as some trees are existing also will keep surplus soil in this area. The other part of lease in the north side where mining is proposed here also trees are seen within lease, PP said these are 08 in numbers. Within 500 meters following other sensitive features were observed:

<b>Sensitive Features</b>	<b>Approximate aerial distance from the lease area in meters</b>	<b>Direction</b>	<b>Remarks</b>
08 Trees	Within lease	West	Inventory of these trees and commitment that no tree falling shall be done.
Isolated House	Existing blank space in between two lease	-	PP stated they have made agreement with owner of this hutment/house.
Settlement	>100	South	Controlled blasting with arrangements of sand bags and three rows of Plantation towards road side.

After presentation the committee asked to submit following details:

- Inventory of trees which are existing within lease and commitment that no tree falling shall be done after taking permission from the authority.
- Revised plantation species of 2500 nos. as suggested by the committee.
- Revised CER with addition to proposal for development of charnoi land designated in the village and traffic awareness camp in the first year of the mining.
- Revised surface map showing other part of lease as non- mining area.

PP has submitted the response of above quarries same date vide letter dated 17.03.2020, which was placed before the committee and the same found satisfactory. The EMP and other submissions made by the PP were found to be satisfactory and acceptable, hence committee

decided to recommend the case for grant of prior EC subject to the following special conditions in addition to the standard conditions at annexure 'A':

1. Production shall be as per mine plan with quantity not exceeding for Stone 24,000 cum/annum.
2. A budgetary provision for Environmental management Plan of Rs. 8.55 Lakh as capital and Rs.3.28 Lakh/year. Under CER Rs. 0.80 Lakh/ year has proposed.

**12. Case No 6796/2020 Shri Naval Kishore Baghel S/o Shri Nemi Singh Baghel, Mu. PO. Lakhnawada, Tehsil - Seoni, Dist. Seoni, MP – 480661 Prior Environment Clearance for Stone Quarry in an area of 3.00 ha. (20,064 cum per annum) (Khasra No. 187), Village - Phulara, Tehsil - Seoni, Dist. Seoni (MP).**

This is case of Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 187), Village - Phulara, Tehsil - Seoni, Dist. Seoni (MP) 3.00 Ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, DSR report, information in the lease's within 500 meters radius around the site and other requisite information in the prescribed format duly verified in the Collector Office letter No. 888 dated: 20/12/19 has reported that there are no more mines operating or proposed within 500 meters around the said mine.

The case was scheduled for presentation, wherein neither the Project Proponent (PP) nor his representative was present to explain the query which might be raised or to make any commitment which may be desired by the committee during the deliberation. PP was also absent in the 428<sup>th</sup> SEAC meeting dated 29/2/2020 & 424<sup>th</sup> SEAC meeting dated 12/02/2020. Committee decided to call the PP in subsequent meetings giving last chance to present their case and even if PP remains absent the case shall be returned to SEIAA assuming that PP is not interested to continue with the project.

The case was presented by the PP and their consultant. As per Google image based on coordinates provided by PP it was observed that the lease is already excavated in the centre of the lease PP submitted that the earlier this lease was allotted to some other PP as TP basis, within 500 meters following sensitive features were observed:

Sensitive Features	Approximate aerial distance from the lease area in meters	Direction	Remarks
Stop dam	>300	North	Controlled blasting with arrangements of sand bags and Provision of Garland drain & settling tanks.
Natural Drain	>100	South	Provision of Garland drain & settling tanks.

After presentation the committee asked to submit following details:

- Revised plantation numbers of 3000 nos.
- Revised CER with addition to proposal for development of charnoi land designated in the village and traffic awareness camp in the first year of the mining.

PP has submitted the response of above quarries same date vide letter dated 17.03.2020, which was placed before the committee and the same found satisfactory. The EMP and other submissions made by the PP were found to be satisfactory and acceptable, hence committee decided to recommend the case for grant of prior EC subject to the following special conditions in addition to the standard conditions at annexure 'A':

1. Production shall be as per mine plan with quantity not exceeding for Stone 20,064 cum/annum.
2. A budgetary provision for Environmental management Plan of Rs. 7.12 Lakh as capital and Rs.3.16 Lakh/year. Under CER Rs. 0.75 Lakh/ year has proposed.

**13. Case No 6862/2020 Shri Rajendra Kumar Rai S/o Shri Nathuram Rai, R/o HIG 05, Sun City Colony, Dist. Chhatarpur, MP – 471318 Prior Environment Clearance for Metal Stone Quarry in an area of 4.70 ha. (209822 cum per annum) (Khasra No. 1402/1), Village - Bajna, Tehsil - Buxwaha, Dist. Chhatarpur (MP)**

This is case of Metal Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 1402/1), Village - Bajna, Tehsil - Buxwaha, Dist. Chhatarpur (MP) 4.70 Ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, DSR report, information in the lease's within 500 meters radius around the site and other requisite information in the prescribed format

duly verified in the Tehsildar Office letter no. 69 dated: 04/06/2018 has reported that there are no more mines operating or proposed within 500 meters around the said mine.

The case was presented by the PP and their consultant, as per Google image based on coordinates provided by PP it was observed that the lease is already excavated PP submitted that the lease is dug by earlier lease owner, within 500 meters following sensitive features were observed:

<b>Sensitive Features</b>	<b>Approximate aerial distance from the lease area in meters</b>	<b>Direction</b>	<b>Remarks</b>
State highway	>120	North	Controlled blasting with arrangements of sand bags and three rows of Plantation towards road side.
Natural Drain	>43	East	Provision of Garland drain & settling tanks.

After presentation the committee asked to submit following details:

- Revised plantation species of 7500 nos. as suggested by the committee.
- Evacuation and transportation plan.
- Revised EMP, by adding additional over-head water sprinkling system (02) in the entry and exit points.
- Revised CER with addition to proposal for development of charnoi land designated in the village and traffic awareness camp in the first year of the mining.

PP has submitted the response of above quarries same date vide letter dated 17.03.2020, which was placed before the committee and the same found satisfactory. The EMP and other submissions made by the PP were found to be satisfactory and acceptable, hence committee decided to recommend the case for grant of prior EC subject to the following special conditions in addition to the standard conditions at annexure 'A':

1. Production shall be as per mine plan with quantity not exceeding for Stone 2,09,822 cum/annum.
2. A budgetary provision for Environmental management Plan of Rs. 9.72 Lakh as capital and Rs.4.81 Lakh/year. Under CER Rs. 2.85 Lakh/ year has proposed.

**14. Case No 6875/2020 M/s Atcon India Limited, House No. 413, Sector-16A, Dist. Faridabad, Haryana – 120002 Prior Environment Clearance for Murrum Quarry in an area of 3.0 ha. (138101 cum per annum) (Khasra No. 09), Village - Jamaniya, Tehsil - Mungaowli, Dist. Ashoknagar (MP)**

This is case of Murrum Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 09), Village - Jamaniya, Tehsil - Mungaowli, Dist. Ashoknagar (MP) 3.0 Ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, DSR report, information in the lease's within 500 meters radius around the site and other requisite information in the prescribed format duly verified in the Collector Office letter no. 708 dated: 31/12/2019 has reported that there are no more mines operating or proposed within 500 meters around the said mine.

The case was scheduled for the presentation but neither the Project Proponent (PP) nor his representative was present to explain the query which might be raised or to make any commitment which may be desired by the committee during the deliberation. Committee decided to call the PP in subsequent meetings.

**15. Case No 6853/2020 Shri Sunil Patidar S/o Shri Ghanshyam Patidar, R/o Mukundgarh, Tehsil - Bagli, Dist. Dewas, MP Prior Environment Clearance for Crusher Stone Quarry in an area of 1.0 ha. (12000 cum per annum) (Khasra No. 118), Village - Guradiyakalan, Tehsil - Bagli, Dist. Dewas (MP)**

This is case of Crusher Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 118), Village - Guradiyakalan, Tehsil - Bagli, Dist. Dewas (MP) 1.0 Ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, DSR report, information in the lease's within 500 meters radius around the site and other requisite information in the prescribed format duly verified in the Tehsildar Office letter no. 5033 dated: 19/02/2020 has reported that there are 02 more mines operating or proposed within 500 meters around the said mine total area of 3.0 ha., including this mine.

The case was presented by the PP and their consultant, as per Google image based on coordinates provided by PP, within 500 meters following sensitive features were observed:

<b>Sensitive Features</b>	<b>Approximate aerial distance from the lease area in meters</b>	<b>Direction</b>	<b>Remarks</b>
Pucca Road (PMGSY)	>100	SE	Controlled blasting with arrangements of sand bags and three rows of Plantation towards road side.

After presentation the committee asked to submit following details:

- Commitment that crusher is not being installed within lease.
- Revised EMP, by replacing over-head water sprinkling system to tanker in the entry and exit points.
- Revised CER with addition to proposal for development of charnoi land designated in the village and traffic awareness camp in the first year of the mining.

PP has submitted the response of above quarries same date vide letter dated 17.03.2020, which was placed before the committee and the same found satisfactory. The EMP and other submissions made by the PP were found to be satisfactory and acceptable, hence committee decided to recommend the case for grant of prior EC subject to the following special conditions in addition to the standard conditions at annexure 'A':

1. Production shall be as per mine plan with quantity not exceeding for Stone 12,000 cum/annum.
2. A budgetary provision for Environmental management Plan of Rs. 6.90 Lakh as capital and Rs.3.98 Lakh/year. Under CER Rs. 0.60 Lakh/ year has proposed.

**16. Case No 6852/2020 Shri Janardan Sharma S/o Shri Vikram Sharma, R/o Dhabaladheer, Tehsil - Kalapepal, Dist. Shajapur, MP Prior Environment Clearance for Crusher Stone Quarry in an area of 1.0 ha. (12000 cum per annum) (Khasra No. 681/2, 681/3), Village - Dhabaladheer, Tehsil - Kalapepal, Dist. Shajapur (MP)**

This is case of Crusher Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site (Khasra No. 681/2, 681/3), Village - Dhabaladheer, Tehsil - Kalapepal, Dist. Shajapur (MP) 1.0 Ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, DSR report, information in the lease's within 500 meters radius around the site and other requisite information in the prescribed format duly verified in the Collector Office letter no. 66 dated: 28/01/2020 has reported that there are no more mines operating or proposed within 500 meters around the said mine.

The case was presented by the PP and their consultant, as per Google image based on coordinates provided by PP, within 500 meters following sensitive features were observed:

<b>Sensitive Features</b>	<b>Approximate aerial distance from the lease area in meters</b>	<b>Direction</b>	<b>Remarks</b>
Pucca Road	>250	West	Controlled blasting with arrangements of sand bags and three rows of Plantation towards road side.

After presentation the committee asked to submit following details:

- Commitment that crusher is not being installed within lease.
- Revised EMP, by replacing over-head water sprinkling system to tanker in the entry and exit points.
- Revised CER with addition to proposal for development of charnoi land designated in the village and traffic awareness camp in the first year of the mining.

PP has submitted the response of above quarries same date vide letter dated 17.03.2020, which was placed before the committee and the same found satisfactory. The EMP and other submissions made by the PP were found to be satisfactory and acceptable, hence committee decided to recommend the case for grant of prior EC subject to the following special conditions in addition to the standard conditions at annexure 'A':

1. Production shall be as per mine plan with quantity not exceeding for Stone 12,000 cum/annum.
2. A budgetary provision for Environmental management Plan of Rs. 9.47 Lakh as capital and Rs.4.80 Lakh/year. Under CER Rs. 0.60 Lakh/ year has proposed.



**17. Case No. - 5645/2018 M/s Krishna Phoschem Limited, 118 B & 119,120, AKVN Industrial Area, Village - Meghnagar, Dist. Jhabua, (M.P.) 457779 Prior Environment Clearance for Manufacturing of Dyes and Dye Intermediates at 118B, 119, 120, AKVN Industrial Area - Meghnagar, Distt.- Jhabua (M.P.) Capacity - Dyes & Dyes Intermediates: 6000 MTPA, Detergent : 36000 MTPA, C.P.C.: 6000 MTPA, Cyanuric : 20,000 MTPA ha.Cat. 5(f) Synthetic Organic Chemicals Industry (Dyes & Dye Intermediates) Project.Env. Con. – SMS Enviro Care, Pune (MS).**

The project is covered under the provisions of EIA Notification as item no. 5(f); hence it requires prior EC before commencement of activity at site.

PP and their consultant presented the case for TOR before the SEAC in this meeting. The submissions and the presentation made by the PP and his consultant revealed following:

**SALIENT FEATURES OF PROJECT**

Sr. No.	Particulars	Details
1.	Name of the project & its location:	Manufacturing of Dyes & Dye Intermediates project of Krishna Phoschem Limited Unit- IV, 118B, 119,120 Meghnagar Industrial Area, Meghnagar – 457779 (Madhya Pradesh)
2.	Name of the Company, Address Tele No. & E-mail :	Krishna Phoschem Limited, 7770833111, 07390-284989 krishnaphoschem.unit4@gmail.com, kplunit@gmail.com
3.	Latitude and Longitude of the project.	Latitude: 22°54'29.5"N Longitude: 74°33'18.7"E Elevation: 328 m AMSL
4.	If a Joint venture, the names & addresses of the JV partners including their share.	Not Applicable
5.	Project brief: nature of proposal (new/expansion) total area- land use, project components, connectivity to the site etc	New Project. Category: 5(f) Synthetic Organic chemical Industry Project Plot Area: 22459.0 Sq.m Land Use: For Industrial Purpose Connectivity: <ul style="list-style-type: none"> <li>• Nearest Railway Station: Meghnagar, 1.5Km in SWS direction.</li> <li>• Nearest Airport: Indore, 130.0 Km in ENE.</li> </ul>
6.	Cost of the project.	75.00Crores
7.	Whether the project is in Critically Polluted area.	No

8.	If the project is for EC under EIA Notification, 2006	Category: 5(f) Synthetic organic chemicals industry (dyes & dye intermediates; bulk drugs and intermediates excluding drug formulations; synthetic rubbers; basic organic chemicals, other synthetic organic chemicals and chemical intermediates) Category: B project as located within Notified Industrial Area
9.	a) For the first time appraisal by EAC i) Date of ToR: ii) Date of Public Hearing, location iii) Major issues raised during PH and response of PP. b) Second appraisal (i) Date of first /earlier appraisal (ii) Details of the information sought by the EAC with the response of the PP. If the project involves diversion of forest land (i) extend of the forest land (ii) status of forest clearance.	a) For the first time appraisal by SEAC  i) TOR presentation: 23 <sup>rd</sup> March, 2018 ii) Not Applicable  iii) Not Applicable  b) Second appraisal i) Not Applicable ii) Not Applicable
10	If the project falls within 10 km of eco-sensitive area i) Name of eco- sensitive area and distance from the project site, ii) status of clearance from National Board for wild life.	Not Applicable.  No any area is present which are important or sensitive for ecological reasons Wetlands, watercourses or other water bodies, coastal zone, biospheres, mountains, forests.
11	Waste Management i) Water requirement, source, status of clearance ii) Waste water quantity, treatment capacity, detail iii) Recycling / reuse of treated water and disposal  iv) Solid Waste Management  v) Hazardous Waste Management.	i) Water Requirement: 350KLD Source: MPAKVN, Meghnagar. ii) Effluent water: 70KLD. Effluent water will be treated in proposed ETP. iii) After ETP treated water will be recycled for flushing & gardening purpose. iv) Solid waste generated during the manufacturing process and wastewater treatment process is mainly sludge and will be disposed at authorized TSDF facility, as per Hazardous and Other Waste (Management & Trans-boundary Movement) Rules, 2016 v) Same as sr. no. iv
12	Other details i) Noise Modeling with noise control measures for airports. ii) Details of water bodies, impact on	i) Not Applicable  ii) Water body: Anas River is 6.0 km in South

	<p>drainage if any.</p> <p>iii) Details of tree cutting</p> <p>iv) Energy conservation measures with estimated saving.</p> <p>v) Green belt development (20 % of construction projects and 33 % for others)</p> <p>vi) Parking requirement with provision made</p>	<p>direction.</p> <p>iii) The proposed site is without any vegetation &amp; trees; hence trees cutting will not require.</p> <p>iv) Reduction in energy consumption can be achieved by using LED lights.</p> <p>v) About 7412.0 m<sup>2</sup>(33%) area will be left for green development.</p> <p>vi) Not Applicable</p>
13	<p>If the project involves foreshore facilities</p> <p>i) Shoreline study</p> <p>ii) Dredging details, disposal of dredge material</p> <p>iii) Reclamation</p> <p>iv) Cargo handling with dust control measures</p> <p>v) Oil Spill Contingent Management Plan</p>	Not Applicable
14	<p>If the project involves Marine disposal</p> <p>i) NOC from PCB in case of marine disposal</p> <p>ii) Details of modeling study – details of outfall diffusers, number of dilution expected, distance at which the outlet will reach ambient parameters</p> <p>iii) Location of intake / outfall. Quantity,</p> <p>iv) Detail of monitoring at outfall</p> <p>v) Any other relevant information:</p>	Not Applicable
15	<p>Other information</p> <p>(i) Investment/Cost of the project is Rs...(incrore).</p> <p>(ii) EmploymentPotential.....</p> <p>(iii) Benefits of the project.....</p>	<p>i) 75.00Crore</p> <p>ii) This project will generate 100 Nos of skilled and non-skilled employment</p> <p>iii) The proposed project will be provided job opportunity at maximum extent to the surrounding population. The project shell affect the socio-economy, physical infrastructure and biological environment. Residential accommodation for Govt. India &amp; MP for their employees.</p>
16	Date of Ground water clearance:	Not Applicable.
17	Cost of proposed EMP and CSR (with detailed components &proposed	Details of EMP and CSR will be provided in Final EIA Report.

	activities) with capital cost and recurring cost.	
18	Numbers of plantation with name of species proposed & area allocated for plantation with budgetary provisions.	The green belt will be developed for the proposed project in an area of 7412.00 sq. m (33 %) of the total plot area.
19	Any river/Nallha flowing near or adjacent to the proposed mine. If yes, please give details.	Not Applicable

During presentation in the 309<sup>th</sup> SEAC meeting dated 23/03/2018 it was submitted by PP that the proposed site was previously used as tailing pond of their existing unit and they have cleared the site for this project by removing all the existing structures of tailing pond and accumulated waste materials but unable to provide the details of waste materials i.e. their quantity and disposal method. Committee after deliberations decided to carry out site visit of this unit by a sub-committee of SEAC even before prescribing TOR as there are lots of agitation in Meghnagar IA due to unauthorized/indiscriminate disposal of waste in open area and also as per the policy decision of SEIAA taken in 250<sup>th</sup> SEIAA meeting dated 14/10/2015 stating that SEAC should also make a site visit before recommending the cases of Chemical Plants to SEIAA. During deliberations it was also informed to the committee that unit has not submitted the interstate boundary certificate issued by the competent authority which is necessary before the appraisal to ascertain the category. Committee was also informed that MoEF&CC has recently forwarded a complaint regarding the distance verification of an industry located in Meghnagar IA from Gujarat State Boundary (as EC was issued by the MoEF&CC considering the interstate distance < 5.00 Kms and Category - A) thus this certificate is must before the appraisal of the project. Considering above issues, committee decided that the TOR will be prescribed based on the outcome of the site visit report and distance certificate verification from the competent authority.

As per above decision, a subcommittee was constituted for site inspection of the site. The sub-committee inspected the site and submitted the report which is as follows: (Annexure-1)

### **SITE INSPECTION REPORT**

**Case No. - 5645/2018 M/s Krishna Phoschem Limited, 118 B & 119,120, AKVN Industrial Area, Village - Meghnagar, Dist. Jhabua, (M.P.) Pin: 457779**

This is a case of manufacturing of Dyes & Dye Intermediates project of M/s Krishna Phoschem Limited (Unit- IV) located at plot no. 118B, 119,120 Meghnagar Industrial Area, Meghnagar – 457779 (M.P.) The project requires prior EC before commencement of any activity at site and

thus they applied for EC through SEIAA. The total plot area for above development is 22,459.00 Sq. Meters. The proposed products & their production capacities are as follows:

Sl. No.	Products	Production Capacity
1.	Dyes Intermediates	6,000 MTPA
2.	Dyes	6,000 MTPA
3.	Detergents	36,0000 MTPA
4.	C.P.C.	6,000 MTPA
5.	Cyanuric	20,000 MTPA

### **BACKGROUND**

The case was presented by PP in the 309<sup>th</sup> SEAC meeting dated 23/03/2018 wherein it was submitted by PP that the proposed site was previously used as tailing pond of their existing unit and they have cleared the site for this project by removing all the existing structures of tailing pond and accumulated waste materials but unable to provide the details of waste materials i.e. their quantity and disposal method.

Committee after deliberations decided to carryout site visit of this unit by a sub-committee of SEAC even before prescribing TOR as there are lots of agitation in Meghnagar IA due to unauthorized/indiscriminate disposal of waste in open area and also as per the policy decision of SEIAA taken in 250<sup>th</sup> SEIAA meeting dated 14/10/2015 stating that SEAC should also make a site visit before recommending the cases of Chemical Plants to SEIAA. Committee also decided that the TOR will be prescribed based on the outcome of the site visit report and distance certificate verification from the competent authority.

Shri R. Maheshwari and Dr. Sonal Mehta, Member SEAC, MP visited the site on 07/01/2019 along with Dr. Abhaya K. Saxena, S.S.O., MPPCB, Bhopal and Shri. A. K. Bisen, Regional Officer, MP PCB, Dhar. Shri Anil Dubey, Plant Manager along with his supporting staff was also present during site visit.

M/s Krishna Phoschem is an existing unit having operational Single Super Phosphate, H<sub>2</sub>SO<sub>4</sub> and dye and intermediate units adjacent to the proposed plot. During inspection SSP plant was not in operation.

## **OBSERVATIONS**

During inspection following observations were made:

1. The untreated factory effluent was stored in two kachha lagoons within the plant premises. These lagoons are not lined and posing serious threat of ground water pollution.
2. It was also observed that an attempt was made to cover one of these lagoons by boulder and soil to hide this illegal practice of untreated waste disposal.
3. Network of HDPE pipes was observed in the plant premises to shift untreated effluent in to these lagoons though PP claims that these pipes were used for supplying fresh water.
4. The generated hazardous waste was stored indiscriminately within the plant premises in open. The sludge generated from ETP, fire proof brick lining and other tanks was also disposed off in the plant premises in the open at several places in low lying areas.
5. Glass wool generated from the old equipments was also disposed off within the plant.
6. The coal ash and coal fines were disposed off in low lying area unsystematically creating fugitive emissions and unhygienic conditions within the plant premises.
7. The other wastes (metal, plastics, wood, asbestos etc) were also disposed off within the plant premises and no attempts were made by PP to dispose them according to the prevailing norms.
8. No dedicated shade is in existence within the plant for storage of hazardous waste and other wastes.
9. The house keeping of the plant was very poor as at so many places the old and discarded plant and machinery were stored in unsystematic way in open areas without removing sludge and other material from them.

## **RECOMMENDATIONS**

As evident from the above, it is clear that the plant management and housekeeping is very poor, posing serious threat of pollution (through untreated waste water, hazardous waste and other wastes disposed in open areas without any precautions) within the plant premise and in the nearby areas. We know from our previous bitter experiences that Meghnagar Industrial Area is itself very vulnerable for indiscriminate disposal of hazardous wastes in open areas causing water/soil pollution. Following are the recommendations:

1. PP may be asked to take-up the remediation operations immediately.
2. In-depth Survey shall be carried out within plant and nearby areas, preparing inventory of various wastes stored/disposed within the plant premises, identification & characterization thereof and their disposal.
3. PP should provide all the relevant documents pertaining to disposal of these wastes.
4. Separate shade shall be provided for the storage of hazardous wastes & other wastes.
5. The house keeping shall be improved considering the current situation.
6. From the above it is clear that at present plant management has no capabilities & capacities to handle another dye and dyes intermediate plant considering the current situation thus it is proposed that PP may be asked to improve the house keeping and dispose all the stored wastes as per their standard protocol and submit the documents with photographs for further consideration of this case.

The above report was placed before the committee wherein committee decided that PP may be asked to submit detailed information and action taken report as suggested by the sub-committee. Committee also decided that after the submission of information from PP on above issues, same sub-committee may again verify the site through visit and submit recommendations for further appraisal of case.

PP vide letter dated 08.03.2020 has submitted query reply raised in the SEAC- 340<sup>th</sup> meeting dated 30/01/2019 and with reference reminder letters were sent by SEAC to submit desired information.

The compliances w.r.t. to site visit made by sub committee and query reply was presented by the PP and their consultant. PP presented the back ground of the project as:

- The project is proposed by M/s. KRISHNA PHOSCHEM LTD. (UNIT-4) for manufacturing of Dyes & Intermediates at Plot No. 118B, 119, 120, AKVN Meghnagar Industrial Area, Taluka Meghnagar, District Jhabua, MP
- Application for TOR to SEIAA was made on 11<sup>th</sup> Dec, 2017, and thereafter ToR presentation were made in 309<sup>th</sup> Meeting of SEAC dated 23<sup>rd</sup> March 2018.

- The SEAC has decided to carry out site visit and which was done on 30<sup>th</sup> January 2019. Certain observation was done during the visit and we have been directed to provide information on the observation.
- Because of the unavailability of consultant and other genuine reasons, we were not able to submit the information as desired by the SEAC. However we are now ready to go with the project, following are the information being submitted for kind consideration for having ToR for the project.

During presentation PP submitted that the observation made by the sub-committee during site visit was implemented and they have collected all the wastes and disposed off through CTSDf and authorized vendors and have submitted the copy of manifest documents. PP further submitted that they have also made a shed for storage of hazardous wastes and also improved the house keeping within the plant premises and showed the photographs. PP also submitted that now they will produce H-Acid through hydrogenation technique.

After presentation, committee decided to recommend standard TOR prescribed by MoEF&CC with following additional TOR and as per Annexure-D and also decided to carryout site visit to verify the facts presented by PP as suggested after site visit dated 07/01/2019:

- PP shall submit proposal for laying down the HDPE layer of 1 mm over the entire site, prior to erection of structure with necessary details in the EIA.
- PP submit proposal of adopt the hydrogenation process for H- acid to avoid generation of iron sludge.
- Detailed ground water study shall be carried out to ascertain the status of ground water in the area.
- Proposal for ZLD shall be discussed in detail in the EIA report.

**18. Case No. – 6671/2019 Avneedra Singh, Division Project Engineer, Public Works Department Project Implementation Unit, Divisional Office, Chhindwara. Prior Environment Clearance for Proposed Development of CIMS Hospital and Other Allied Buildings, at Khasra No. 13/2, 14/2, 12, 1/3, 21, 10/13, 11/2, 11/4, ½, ¼, 13/1, 14/1, 18/2 & 19/2 Chhindwara MP, Total Land area – 2,26,349.91 Sq.m. Total Built up area 2,95,174.0 Sq.M**

This is case of Prior Environment Clearance for Proposed Development of CIMS Hospital and Other Allied Buildings, at Khasra No. 13/2, 14/2, 12, 1/3, 21, 10/13, 11/2, 11/4, ½, ¼, 13/1, 14/1, 18/2 & 19/2 Chhindwara MP, Total Land area – 2,26,349.91 Sq.m. Total Built up area 2,95,174.0 Sq.M



The case was presented by the PP and their consultant and during presentation following details were provided.

- The hospital at Chhindwara Institute of Medical Schemes (M.P.) is a part of the Medical College, Chhindwara. The Medical College Campus is spread over a total area of 62.98 acres. The Academic College Building for an Intake of 250 Annual Admission along with Hostels, Faculty Residences, Sport and Community facilities etc. have already been completed as part of phase 0 and the MCI Recognized.
- The various infrastructure facilities like ESS, STP, Water Tanks, Fire Tanks, Open Parking and Partial Site Development to ensure that the recently completed campus is run smoothly has already been completed and commissioned.
- The Commissioned Infrastructure facilities are planned for the phase 0 buildings as completed as well as some future buildings to be taken up in phase I. The total land area which has been fully developed is equal to approx. 24.17 acres. While the Master Plan proposes to construct a teaching hospital for Medical College in phase I as per MCI requirement.
- The project site is a government land which has been allotted to project proponent for development the medical scheme.
- The Medical College has been currently associated with the District Hospital at Chhindwara for the purpose of Studies and MCI Norms and requirement.
- The site is earmarked for construction of medical hospital with residential facilities.

**STP & ETP Details:**

Sl. No.	Items	Capacity in KLD
Land-1 Hospital Area (Phase-1 & 2)		
I.	STP Capacity Phase-1	725.0
II.	ETP Capacity Phase-1	140.0
III.	STP Capacity Phase-2	275.0
IV.	ETP Capacity Phase-2	50.0
V.	Technology of STP	MBR Technology
Land-1 Staff Residence (Phase-1 & 2)		
No STP is required, sewer shall be connected to Medical College sewerage network.		
Land-2 (Phase-1)		
I.	STP Capacity Phase-1	110.0
II.	Technology of STP	SBR Technology with Ultra Filtration

		System for Flushing Water Requirement.
Land-3 (Phase-1)		
I.	STP Capacity Phase-1	135.0 KLD
II.	Technology of STP	SBR Technology with Ultra Filtration System for Flushing Water Requirement.

During presentation PP submits that monitoring was carried-out during summer 2019, committee suggest to take some extra soil samples and all the heavy metals shall be analysed in soil and report of same shall be annexed in final EIA Report. After presentation committee recommends for issuance of TOR for preparing EIA / EMP for the project:

1.	<p>Maps have to be submitted depicting the following:</p> <ul style="list-style-type: none"> <li>Recent land use features in the region.</li> <li>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 &amp; planned).</li> <li>Location is also to be shown in map.</li> </ul>
2.	<p>One season (non-monsoon) primary baseline data on ambient air quality should be collected along with quality assessment for surface and ground water of the region. Site-specific meteorological data should also be collected. The location of the monitoring stations should be justified. For air monitoring it may be kept in view that there is at least one monitoring station in the unwind direction and one in pre-dominant downwind direction where maximum GLCs are likely to occur. Other aspects like habitation and sensitive receptors may also be kept in view. The monitoring stations should be shown on the location map super imposed with windrows. If data is collected in nearby similar project, one month validation shall be carried out.</p>
(I)	EMP should have plans for ground-water recharging.
(II)	Impact of change of land use particularly grazing/ agriculture land. Alternate arrangements made in this regard should also be presented.
(III)	Any litigation pending against the project and /or any direction /order passed by any Court of Law against the project, if so, details thereof.

(IV)	Details of greenbelt afforestation. Species of plants proposed in the green belt development as per standard guidelines of CPCB/State Forest Department should be listed. Additional species should also be considered for plantation on need-based survey of the local population.
(V)	Necessary clearance from the Competent Authority for drawl of requisite quantity of water for the project should be provided.
(VI)	Other mandatory permissions and clearances from various authorities.
(VII)	Water and shelter for the workers at site has to be ensured.
3.	<p>Besides the above, the below mentioned general points have also to be followed:-</p> <p>All documents to be properly referenced with index, page numbers and continuous page numbering.</p> <p>Where data are presented in the report especially in tables, the period in which the data were collected and the sources should be indicated.</p>
4.	<p>➤ Additional points as discussed in the meeting to be incorporated in the EIA/EMP:</p> <p>➤ Details of land-use and micro-level features in 10 Km radius around the proposed site have to be presented in map.</p> <p>➤ Attempts should be made to keep the campus free from polythene and motor-vehicle – accordingly a detailed plan in this context has to be submitted with EIA report.</p> <p>➤ Rain water harvesting system with detailed drawing/design, locations and calculations pertaining to net recharge &amp; drop down have to be submitted.</p> <p>➤ Approved lay out plan from the competent authority along with the other conceptual plans to be furnished with the EIA.</p> <p>➤ Details of green belt, green area and landscaping have to be furnished along with details of land area break up for each of these.</p> <p>➤ Land diversion papers from competent authority to be submitted with EIA.</p> <p>➤ Distance from nearest forest boundary and other sensitive features such as water bodies, national parks, tourist centers, religious spots etc.</p> <p>➤ In compliance of Fly-Ash Notification ensure the use of fly-ash in construction; accordingly plan to be submitted.</p> <p>➤ Effective CSR has to be made and presented for healthy growth of the region.</p>

	<ul style="list-style-type: none"> <li>➤ Details of use of renewable energy proposed in the project with quantification of energy saved vis-à-vis proposed activity.</li> <li>➤ Details of water conservation proposed in the project with quantification of net water conserved vis-à-vis proposed action.</li> <li>➤ Explore the possibility for use of top soil for augmentation of degraded Agriculture fields / Forest covers in the nearby region.</li> <li>➤ Contour and Hydrology of the complete area has to be furnished with the EIA report.</li> <li>➤ If Green Building Rating is proposed, complete proposal in this regard to be included in the EIA report.</li> <li>➤ All papers pertaining to clear title in name of the PP for the complete land has to be furnished with EIA. Notarized copy of land ownership documents &amp; latest khasra pannch-sala to be submitted.</li> <li>➤ On-site and Off-site emergency plan to meet out any emergency in the project has to be detailed out including the Fire Fighting arrangement planned for the project duly approved by the concerned agency.</li> <li>➤ Fire fighting provisions &amp; NOC from competent authority as per MoEF, GoI O.M. dated 07/02/2012 to be reported.</li> <li>➤ Parking details to be reported in the plan.</li> <li>➤ Details of the management of all types of wastes to be furnished including the MSW, BMW, E-waste, Hazardous wastes etc.</li> <li>➤ Details of Sewage and Effluent treatments and ultimate disposal plans for these streams to be furnished in the EIA /EMP report.</li> </ul>
5.	PP is to ensure that no run off from the surrounding area accumulate along their boundary wall. Appropriate and effective drainage may be provided by PP to ensure unrestricted flow of run off during monsoon. The boundary wall may be designed keeping in mind the natural drainage as stated.
6.	On-site and Off-site emergency plan to meet out any emergency in the project has to be detailed out including the Fire Fighting arrangement planned for the project duly approved by the concerned agency.
7.	Details of Sewage and Effluent treatments and ultimate disposal plans for these streams to be furnished in the EIA /EMP report.
8.	Details of existing construction & facilities.

9.	Quantification of C&D waste with its disposal plan.
10.	Quantification of Bio-medical waste with its disposal plan.
11.	Analytical report of heavy metals in soil sample to be submitted.

PP vide letter dated 18/02/20 submitted an application for TOR modification which was forwarded by SEIAA vide letter No. 4672 dated 02/03/2020.

The case was scheduled for the presentation but neither the Project Proponent (PP) nor his representative was present to explain the query which might be raised or to make any commitment which may be desired by the committee during the deliberation. Committee decided to call the PP in subsequent meetings.

**(Dr. Jai Prakash Shukla)**  
**Member**

**(Dr. Mohd. Akram Khan)**  
**Member**

**(Dr. Anil Sharma)**  
**Member**

**(R.S.Kori)**  
**Secretary**

**(Mohd. Kasam Khan)**  
**Chairman**

**Following standard conditions shall be applicable for the mining projects of minor mineral in addition to the specific conditions and cases appraised for grant of TOR:**

**Annexure- 'A'**

**Standard conditions applicable to Stone/Murram and Soil quarries:**

1. Mining should be carried out as per the submitted land use plan and approved mine plan.
2. The lease boundary should be clearly demarcated at site with the given co-ordinates by pillars and fenced from all around the site. Necessary safety signage & caution boards shall be displayed at mine site.
3. Overhead sprinklers arrangements with solar pumps should be provided for dust suppression at the exit of the lease area and fixed types sprinklers on the evacuation road. PP should maintain a log book wherein daily details of water sprinkling and vehicle movement are recorded.
4. Transportation of material shall only be done in covered & PUC certified vehicles with required moisture to avoid fugitive emissions. Transportation of minerals shall not be carried out through forest area without permissions from the competent authority.
5. Mineral evacuation road shall be made pucca (WBM/black top) by PP.
6. Necessary consents shall be obtained from MPPCB and the air/water pollution control measures have to be installed as per the recommendation of MPPCB.
7. Crusher with inbuilt APCD & water sprinkling system shall be installed minimum 100 meters away from the road and 500 meters away from the habitations only after the permissions of MP Pollution Control Board with atleast 03 meters high wind breaking wall of suitable material to avoid fugitive emissions.
8. Thick plantation shall be carryout in the periphery/barrier zone of the lease, mineral evacuation road and common area in the village. Top soil shall be simultaneously used for the plantation within the lease area and no OB/dump shall be stacked outside the lease area. PP would maintain the plants for five years including casualty replacement. PP should also maintain a log book containing annual details of tree plantation and causality replacement and to take adequate precautions so as not to cause any damage to the flora and fauna during mining operations.
9. Appropriate activities shall be taken up for social up-liftment of the area. Funds reserved towards the same shall be utilized through Gram Panchayat/competent authority.
10. Six monthly occupational health surveys of workers shall be carryout and all the workers shall be provided with necessary PPE's. Mandatory facilities such as Rest Shelters, First Aid, Proper Fire Fighting Equipments and Toilets (separate for male & female) shall also be provided for all the mine workers and other staff. Mine's site office, rest shelters etc shall be illuminated and ventilated through solar lights.
11. A separate bank account should be maintained for all the expenses made in the EMP and CSR activities by PP for financial accountability and these details should be provided in Annual Environmental Statement. In case the allocated EMP budget for mitigative measures to control the pollution is not utilized fully, the reason of under utilization of budgetary provisions for EMP should be addressed in annual return.
12. To avoid vibration, no overcharging shall be carried out during blasting and muffle blasting shall be adopted. Blasting shall be carried out through certified blaster only and no explosive will be stored at mine site without permission from the competent authority.
13. Mine water should not be discharged from the lease and be used for sprinkling & plantations. For surface runoff and storm water garland drains and settling tanks (SS pattern) of suitable sizes shall be provided.
14. PP shall be responsible for discrepancy (if any) in the submissions made by the PP to SEAC & SEIAA.
15. The amount towards reclamation of the pit and land in MLA shall be carried out through the mining department. The appropriate amount as estimated for the activity by mining department has to be deposited with the Collector to take up the activity after the mine is exhausted.

16. NOC of Gram Panchayat should be obtained for the water requirement and forest department before uprooting any trees in the lease area. PP shall take Socio-economic activities in the region through the 'Gram Panchayat'.
17. The leases which are falling <250 meters of the forest area and PP has obtained approval for the Divisional Level Commissioner committee, all the conditions stipulated by Divisional Level Commissioner committee shall be fulfilled by the PP.
18. The validity of the EC shall be as per the provisions of EIA Notification subject to the following: Expansion or modernization in the project, entailing capacity addition with change in process and or technology and any change in product - mix in proposed mining unit shall require a fresh Environment Clearance.
19. If it being a case of Temporary Permit (TP), the validity of EC should be only up to the validity of TP and PP has to ensure the execution of closure plan.
20. All the mines where production is > 50,000 cum/year, PP shall develop its own website to display various mining related activities proposed in EMP & CER along with budgetary allocations. All the six monthly progress report shall also be uploads on this website along with MoEF&CC & SEIAA, MP with relevant photographs of various activities such as garland drains, settling tanks, plantation, water sprinkling arrangements, transportation & haul road etc. PP or Mine Manager shall be made responsible for its maintenance & regular updation.
21. All the soil queries, the maximum permitted depth shall not exceed 02 meters below general ground level & other provisions laid down in MoEF&CC OM No. L-11011/47/2011-IA.II(M) dated 24/06/2013.
22. A separate budget in EMP & CER shall maintained for development and maintenance of grazing land as per the latest O.M dated 16/01/2020

**Annexure- 'B'**

**Standard conditions applicable for the Sand Mine Quarries\***

1. District Authority should annually record the deposition of sand in the lease area (at an interval of 100 meters for leases 10 ha or > 10.00 ha and at an interval of 50 meters for leases < 10 ha.) before monsoon & in the last week of September and maintain the records in RL (Reduce Level) Measurement Book. Accordingly authority shall allow lease holder to excavate only the replenished quantity of sand in the subsequent year.
2. The lease boundary should be clearly demarcated at site with the given co-ordinates by pillars. Necessary safety signage & caution boards shall be displayed at mine site.
3. Overhead sprinklers arrangements with solar pumps should be provided for dust suppression at the exit of the lease area and fixed types sprinklers on the evacuation road. PP should maintain a log book wherein daily details of water sprinkling and vehicle movement are recorded.
4. The mining activity shall be done manually and as per the land use plan & approved mine plan submitted by PP.
5. No heavy vehicles shall be allowed to enter the river bed and the transportation of the sand from the excavation pits of the leased area to the loading point shall be through trolleys (tractor trolleys) and not by heavy vehicles. Only registered tractor trolleys which are having the necessary registration and permission for the aforesaid purpose under the Motor Vehicle Act and also insurance coverage for the same shall alone be used for said purpose.
6. Transportation of material shall only be done in covered & PUC certified vehicles with required moisture to avoid fugitive emissions. Transportation of minerals shall not be carried out through forest area without permissions from the competent authority.
7. Mineral evacuation road shall be made Pucca (WBM/black top) by PP.

8. For carrying out mining in proximity to any bridge and/or embankment, appropriate safety zone on upstream as well as on downstream from the periphery of the mining site shall be ensured taking into account the structural parameters, location aspects, flow rate, etc., and no mining shall be carried out in the safety zone.
9. No Mining shall be carried out during Monsoon season.
10. The depth of mining shall be restricted to 3m or water level, whichever is less. No in-stream mining is allowed. Established water conveyance channels should not be relocated, straightened, or modified.
11. The mining shall be carried out strictly as per the approved mine plan and in accordance with the Sustainable Sand Mining Management Guidelines, 2016 issued by the MoEF&CC ensuring that the annual replenishment of sand in the mining lease area is sufficient to sustain the mining operations at levels prescribed in the mining plan.
12. If the stream is dry, the excavation must not proceed beyond the lowest undisturbed elevation of the stream bottom, which is a function of local hydraulics, hydrology, and geomorphology.
13. After mining is complete, the edge of the pit should be graded to a 2.5:1 slope in the direction of the flow.
14. Necessary consents shall be obtained from MPPCB and the air/water pollution control measures have to be installed as per the recommendation of MPPCB.
15. Thick plantation shall be carryout on the banks of the river adjacent to the lease, mineral evacuation road and common area in the village. PP would maintain the plants for five years including casualty replacement. PP should also maintain a log book containing annual details of tree plantation and causality replacement and to take adequate precautions so as not to cause any damage to the flora and fauna during mining operations.
16. Appropriate activities shall be taken up for social up-liftment of the area. Funds reserved towards the same shall be utilized through Gram Panchayat/competent authority.
17. Six monthly occupational health surveys of workers shall be carryout and all the workers shall be provided with necessary PPE's. Mandatory facilities such as Rest Shelters, First Aid, Proper Fire Fighting Equipments and Toilets (separate for male & female) shall also be provided for all the mine workers and other staff. Mine's site office, rest shelters etc shall be illuminated and ventilated through solar lights.
18. A separate bank account should be maintained for all the expenses made in the EMP and CSR activities by PP for financial accountability and these details should be provided in Annual Environmental Statement. In case the allocated EMP budget for mitigative measures to control the pollution is not utilized fully, the reason of under utilization of budgetary provisions for EMP should be addressed in annual return.
19. PP shall be responsible for discrepancy (if any) in the submissions made by the PP to SEAC & SEIAA.
20. The amount towards reclamation of the pit and land in MLA shall be carried out through the mining department. The appropriate amount as estimated for the activity by mining department has to be deposited with the Collector to take up the activity after the mine is exhausted.
21. NOC of Gram Panchayat should be obtained for the water requirement and forest department before uprooting any trees in the lease area.
22. The leases which are falling <250 meters of the forest area and PP has obtained approval for the Divisional Level Commissioner committee, all the conditions stipulated by Divisional Level Commissioner committee shall be fulfilled by the PP.
23. The validity of the EC shall be as per the provisions of EIA Notification subject to the following: Expansion or modernization in the project, entailing capacity addition with change in process and or technology and any change in product - mix in proposed mining unit shall require a fresh Environment Clearance.
24. If it being a case of Temporary Permit (TP), the validity of EC should be only up to the validity of TP and PP has to ensure the execution of closure plan.
25. A separate budget in EMP & CER shall maintained for development and maintenance of grazing land as per the latest O.M dated 16/01/2020



**Annexure- ‘C’**

**Standard conditions applicable for the Sand deposits on Agricultural Land/ Khodu Bharu Type Sand Mine Quarries\***

1. Mining should be done only to the extent of reclaiming the agricultural land.
2. Only deposited sand is to be removed and no mining/digging below the ground level is allowed.
3. The mining shall be carried out strictly as per the approved mining plan.
4. The lease boundary should be clearly demarcated at site with the given co-ordinates by pillars and necessary safety signage & caution boards shall be displayed at mine site.
5. Overhead sprinklers arrangements with solar pumps should be provided for dust suppression at the exit gate of the lease area and fixed types sprinklers on the evacuation road. PP should maintain a log book wherein daily details of water sprinkling and vehicle movement are recorded.
6. The mining activity shall be done as per approved mine plan and as per the land use plan submitted by PP.
7. Transportation of material shall only be done in covered & PUC certified vehicles with required moisture to avoid fugitive emissions. Transportation of minerals shall not be carried out through forest area without permissions from the competent authority.
8. Mineral evacuation road shall be made Pucca (WBM/black top) by PP.
9. For carrying out mining in proximity to any bridge and/or embankment, appropriate safety zone on upstream as well as on downstream from the periphery of the mining site shall be ensured taking into account the structural parameters, location aspects, flow rate, etc., and no mining shall be carried out in the safety zone.
10. No Mining shall be carried out during Monsoon season.
11. The mining shall be carried out strictly as per the approved mine plan and in accordance with the Sustainable Sand Mining Management Guidelines, 2016 issued by the MoEF&CC.
12. Necessary consents shall be obtained from MPPCB and the air/water pollution control measures have to be installed as per the recommendation of MPPCB.
13. Thick plantation shall be carryout on the banks of the river adjacent to the lease, mineral evacuation road and common area in the village. PP would maintain the plants for five years including casualty replacement. PP should also maintain a log book containing annual details of tree plantation and causality replacement and to take adequate precautions so as not to cause any damage to the flora and fauna during mining operations.
14. Appropriate activities shall be taken up for social up-liftment of the area. Funds reserved towards the same shall be utilized through Gram Panchayat/competent authority.
15. Six monthly occupational health surveys of workers shall be carryout and all the workers shall be provided with necessary PPE's. Mandatory facilities such as Rest Shelters, First Aid, Proper Fire Fighting Equipments and Toilets (separate for male & female) shall also be provided for all the mine workers and other staff. Mine's site office, rest shelters etc shall be illuminated and ventilated through solar lights.
16. A separate bank account should be maintained for all the expenses made in the EMP and CSR activities by PP for financial accountability and these details should be provided in Annual Environmental Statement. In case the allocated EMP budget for mitigative measures to control the pollution is not utilized fully, the reason of under utilization of budgetary provisions for EMP should be addressed in annual return.
17. PP shall be responsible for discrepancy (if any) in the submissions made by the PP to SEAC & SEIAA.
18. The amount towards reclamation of the pit and land in MLA shall be carried out through the mining department. The appropriate amount as estimated for the activity by mining department has to be deposited with the Collector to take up the activity after the mine is exhausted.

19. NOC of Gram Panchayat should be obtained for the water requirement and forest department before uprooting any trees in the lease area.
20. The leases which are falling <250 meters of the forest area and PP has obtained approval for the Divisional Level Commissioner committee, all the conditions stipulated by Divisional Level Commissioner committee shall be fulfilled by the PP.
21. The validity of the EC shall be as per the provisions of EIA Notification subject to the following: Expansion or modernization in the project, entailing capacity addition with change in process and or technology and any change in product - mix in proposed mining unit shall require a fresh Environment Clearance.
22. If it being a case of Temporary Permit (TP), the validity of EC should be only up to the validity of TP and PP has to ensure the execution of closure plan.
23. A separate budget in EMP & CER shall maintained for development and maintenance of grazing land as per the latest O.M dated 16/01/2020

**Annexure- 'D'**

**General conditions applicable for the granting of TOR**

1. The date and duration of carrying out the baseline data collection and monitoring shall be informed to the concerned Regional Officer of the M.P Pollution Control Board.
2. During monitoring, photographs shall be taken as a proof of the activity with latitude & longitude, date, time & place and same shall be attached with the EIA report. A drone video showing various sensitivities of the lease and nearby area shall also be shown during EIA presentation.
3. An inventory of various features such as sensitive area, fragile areas, mining / industrial areas, habitation, water-bodies, major roads, etc. shall be prepared and furnished with EIA.
4. An inventory of flora & fauna based on actual ground survey shall be presented.
5. Risk factors with their management plan should be discussed in the EIA report.
6. The EIA report should be prepared by the accredited consultant having no conflict of interest with any committee processing the case.
7. The EIA document shall be printed on both sides, as far as possible.
8. All documents should be properly indexed, page numbered.
9. Period/date of data collection should be clearly indicated.
10. The letter /application for EC should quote the SEIAA case No./year and also attach a copy of the letter prescribing the TOR.
11. The copy of the letter received from the SEAC prescribing TOR for the project should be attached as an annexure to the final EIA/EMP report.
12. The final EIA/EMP report submitted to the SEIAA must incorporate all issues mentioned in TOR and that raised in Public Hearing with the generic structure as detailed out in the EIA report.
13. Grant of TOR does not mean grant of EC.
14. The status of accreditation of the EIA consultant with NABET/QCI shall be specifically mentioned. The consultant shall certify that his accreditation is for the sector for which this EIA is prepared. If consultant has engaged other laboratory for carrying out the task of monitoring and analysis of pollutants, a representative from laboratory shall also be present to answer the site specific queries.
15. On the front page of EIA/EMP reports, the name of the consultant/consultancy firm along with their complete details including their accreditation, if any shall be indicated. The consultant while submitting the EIA/EMP report shall give an undertaking to the effect that the prescribed TORs (TOR proposed by the project proponent and additional TOR given by the MOEF & CC) have been complied with and the data submitted is factually correct.

16. While submitting the EIA/EMP reports, the name of the experts associated with involved in the preparation of these reports and the laboratories through which the samples have been got analyzed should be stated in the report. It shall be indicated whether these laboratories are approved under the Environment (Protection) Act, 1986 and also have NABL accreditation.
17. All the necessary NOC's duly verified by the competent authority should be annexed.
18. PP has to submit the copy of earlier Consent condition /EC compliance report, whatever applicable along with EIA report.
19. The EIA report should clearly mention activity wise EMP and CSR cost details and should depict clear breakup of the capital and recurring costs along with the timeline for incurring the capital cost. The basis of allocation of EMP and CSR cost should be detailed in the EIA report to enable the comparison of compliance with the commitment by the monitoring agencies.
20. A time bound action plan should be provided in the EIA report for fulfillment of the EMP commitments mentioned in the EIA report.
21. The name and number of posts to be engaged by the PP for implementation and monitoring of environmental parameters should be specified in the EIA report.
22. EIA report should be strictly as per the TOR, comply with the generic structure as detailed out in the EIA notification, 2006, baseline data is accurate and concerns raised during the public hearing are adequately addressed.
23. The EIA report should be prepared by the accredited consultant having no conflict of interest with any committee processing the case.
24. Public Hearing has to be carried out as per the provisions of the EIA Notification, 2006. The issues raised in public hearing shall be properly addressed in the EMP and suitable budgetary allocations shall be made in the EMP and CER based on their nature.
25. Actual measurement of top soil shall be carried out in the lease area at minimum 05 locations and additionally N, P, K and Heavy Metals shall be analyzed in all soil samples.
26. A separate budget in EMP & CER shall be maintained for development and maintenance of grazing land as per the latest O.M dated 16/01/2020.
27. PP shall submit biological diversity report stating that there is no adverse impact in- situ and on surrounding area by this project on local flora and fauna's habitat, breeding ground, corridor/ route etc. This report shall be filed annually with six-monthly compliance report.

**FOR PROJECTS LOCATED IN SCHEDULED (V) TRIBAL AREA , following should be studied and discussed in EIA Report before Public Hearing as per the instruction of SEIAA vide letter No. 1241 dated 30/07/2018.**

28. Detailed analysis by a National Institute of repute of all aspects of the health of the residents of the Schedule Tribal block.
29. Detailed analysis of availability and quality of the drinking water resources available in the block.
30. A study by CPCB of the methodology of disposal of industrial waste from the existing industries in the block, whether it is being done in a manner that mitigate all health and environmental risks.
31. The consent of Gram Sabha of the villages in the area where project is proposed shall be obtain.