

STATE LEVEL ENVIRONMENT IMPACT ASSESSMENT AUTHORITY

SEAC-2015/CR-106/TC-2

Environment department
Room No. 217, 2nd floor,
Mantralaya Annexe,
Mumbai- 400 032.

Dated: 16 January, 2016

To,
M/s. Dighori kyanite Mine
Village Dighori, Tehsil Lakhandur,
Dist. Bhandara

Subject: Environment clearance for Proposed Production of 14000 TPA, Area -14.33 hectares is located at village Dighori, Tehsil Lakhandur, Dist. Bhandara by M/s. Dighori kyanite mine (Kyanite and Pyrophyllite Mine).

Sir,

This has reference to your communication on the above mentioned subject. The proposal was considered as per the EIA Notification - 2006, by the State Level Expert Appraisal Committee-I, Maharashtra in its 98th meeting and decided to recommend the project for prior environmental clearance to SEIAA. Information submitted by you has been considered by State Level Environment Impact Assessment Authority in its 87th meeting.

2. It is noted that the proposal is considered by SEAC-I under screening category 1(a) B1 as per EIA Notification 2006.

Brief Information of the project submitted by Project Proponent is as:

Name of the Project	Dighori Kyanite, Sillimanite, Corundum, Pyrophyllite & Quartz Mine At Khasra No.- 155 Village : Dighori Taluka : Lakhandur District : Bhandara State : Maharashtra Area (14.33 Ha)
New project/Expansion in existing project/Diversification in exiting	Application for environmental clearance submitted to SEAC on 2/10/2009.
If expansion/ Diversification, whether environmental clearance has been obtained for existing project	New Project

Name, address , email & contact number of Proponent	Lessee: P.M. Golchha Power of Attorney: Vinod Bhujade Address : 1 st Floor Akre complex, Satkar Nagar, Nagpur Road , Bhandara Ph No. : 9422133685 Email : vinodbhujade@yahoo.com						
Name of Consultant	POLLUTION & ECOLOGY CONTROL SERVICES						
Type of project: Activity serial Number as per MoEF Notification (amended)	1 (a) as per S.O.1533dt 14.09.06 The project is categorized as Category 'B'						
Total plot Area: Built up Area : Notified Industrial Area/Estate:	14.33 Ha						
TOR given by SEAC?	TOR granted during 31 st SEAC consideration dated 29 th July 2010.						
EIA Submitted?	EIA is submitted for Environmental Clearance.						
Estimated cost of the project :	Rs. 1.50 Crores						
Location details of the project :	1 Latitude - 20 ^o 52'46" N 2 Longitude -79 ^o 54'43.0" E 3 Elevation above Mean Sea Level (metres) – 340m 4 Nature of terrain (hilly, valley, plains, Coastal plains etc.) – Plain(Undulating) 5 Nature of Soil (sandy, clayey, sandy loam etc.). – The area is covered with thin mantle of lateritic soil with screen of quartzites.						
Water Conservation	The sedimentation tank will be provided. After adequate settling of solids the rain water which will be accumulated in the pit during monsoon will be used for plantation & dust suppression etc. Water supply- Total water required: 6.5 KLPD Source: - River/Groundwater/ Industrial Area (if groundwater, commitment letter to be obtained from Central/State Ground water authorities) <table border="1" data-bbox="651 1496 1294 1615"> <tr> <td colspan="2">Total Water Requirement: 6.5 KLPD</td> </tr> <tr> <td>(iv)</td> <td>Dust Suppression & Green belt: 4.5 KLPD</td> </tr> <tr> <td>(v)</td> <td>Drinking: 2.0 KLPD</td> </tr> </table>	Total Water Requirement: 6.5 KLPD		(iv)	Dust Suppression & Green belt: 4.5 KLPD	(v)	Drinking: 2.0 KLPD
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(v)	Drinking: 2.0 KLPD						
Green Belt Development	Green belt area: 4.72 ha of the lease area is proposed for plantation at the end 20 years. Proposed nos. of trees with plant species—500 Trees/Year Species –						
Energy	Total Power Requirement (MW); Source of Power : Maharashtra State Electricity Distribution Co. Ltd.						

Environmental Management plan Budgetary Allocation	Capital cost of the project (as proposed to approved by the funding agency/financial Institutions (Rs. Lakhs)-1.50 Cr Cost of environmental protection measures (Rs. Lakhs)-12 Lakhs		
	S. No.		Capital Cost Recurring Cost per annum
	1	Air Pollution Control	6.00 1.00
	2	Water Pollution Control	2.00 0.50
	3	Noise Pollution Control	
	4	Environment Monitoring and Management	
	5	Reclamation borrow/mined area	
	6	Occupational Health	2.00 1.00
	7	Green Belt	2.00 0.50
	8	Solid waste management	
	Total	12.0 5.0	
Public Hearing details :	A. Date of Advertisement: 29/05/2011 B. Newspapers in which the advertisement appeared (With copies) –The Hitavada and Lokmat C. Date of Hearing: 30.06.2011. D. Panel Present : <ul style="list-style-type: none"> • Chairman- Additional District Magistrate, Bhandara • Member - Representative of MPCB, Nagpur -Regional Officer • Convener - I/c Sub-regional officer, Bhandara 		

Production profile (tonnes/year)			
Name of Products, Byproducts and Intermediate Products	Existing	Proposed activity (new/modernization/expansion)	Total
Main Products	X	<ul style="list-style-type: none"> • Production capacity of Kyanite , Sillimanite, Corundum and Pyrophyllite - 4,000 tones/year • <u>Quartz</u> - 9,000 tones/year 	4,000 tones/year 9,000 tones/year

3. The proposal has been considered by SEIAA in its 87th meeting decided to accord environmental clearance to the said project under the provisions of Environment Impact Assessment Notification, 2006 subject to implementation of the following terms and conditions:

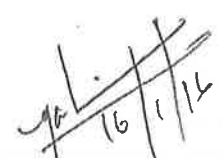
- (i) PP to ensure that regular health checkup of villagers in the vicinity and submit regular report to MPCB/Director of Mine Safety if cases of breathing problems by local residents are noticed.
- (ii) Existing pits on site must be filled up after mining extraction is over and the closer must be supervised by the District Mining Officer.
- (iii) PP to ensure that transporting of mine Limestone is done with covered truck.
- (iv) Construct strong retaining wall along river side without any weep holes.

- (v) Project proponent should follow prevailing mines act and rules as well as other directions given by Director General of mines safety measures.
- (vi) District collector should ensure the compliance and commitment from project proponent during Public Hearing, Project proponent should submit compliance to Dist. Collector & MPCB.
- (vii) This environmental clearance is issued subject to obtaining NOC from Forestry & Wild life angle including clearance from the standing committee of the National Board for Wild life as if applicable & this environment clearance does not necessarily implies that Forestry & Wild life clearance granted to the project which will be considered separately on merit.
- (viii) This environmental clearance is issued subject to land use verification. Local authority /planning authority should ensure this with respect to Rules, Regulations, Notifications, Government Resolutions, Circulars, etc. issued if any. Judgments/orders issued by Hon'ble High Court, Hon'ble NGT, Hon'ble Supreme Court if applicable in this matter should be verified by the Competent Authority before issuing the lease.
- (ix) "Consent for operate" shall be obtained from Maharashtra Pollution Control Board under Air and Water Act and a copy shall be submitted to the Environment department before start of any activity at the site
- (x) No land development / construction work preliminary or otherwise relating to the project shall be taken up without obtaining due clearance from respective authorities.
- (xi) No additional land shall be used /acquired for any activity of the project without obtaining proper permission.
- (xii) For controlling fugitive natural dust, regular sprinkling of water & wind shields at appropriate distances in vulnerable areas of the plant shall be ensured.
- (xiii) Regular monitoring of the air quality, including SPM & SO₂ levels both in work zone and ambient air shall be carried out in and around the power plant and records shall be maintained. The location of monitoring stations and frequency of monitoring shall be decided in consultation with Maharashtra Pollution Control Board (MPCB) & submit report accordingly to MPCB.
- (xiv) Necessary arrangement shall be made to adequate safety and ventilation arrangement in furnace area.
- (xv) Proper Housekeeping programs shall be implemented.
- (xvi) In the event of the failure of any pollution control system adopted by the unit, the unit shall be immediately put out of operation and shall not be restarted until the desired efficiency has been achieve.
- (xvii) A stack of adequate height based on DG set capacity shall be provided for control and dispersion of pollutant from DG set.(If applicable).
- (xviii) A detailed scheme for rainwater harvesting shall be prepared and implemented to recharge ground water.
- (xix) Arrangement shall be made that effluent and storm water does not get mixed.
- (xx) Periodic monitoring of ground water shall be undertaken and results analyzed to ascertain any change in the quality of water. Results shall be regularly submitted to the Maharashtra Pollution Control Board.
- (xxi) Leq of Noise level shall be maintained as per standards. For people working in the high noise area, requisite personal protective equipment like earplugs etc. shall be provided.
- (xxii) The overall noise levels in and around the plant are shall be kept well within the standards by providing noise control measures including acoustic hoods, silencers, enclosures, etc. on all sources of noise generation. The ambient noise levels shall confirm to the standards prescribed under Environment (Protection) Act, 1986 Rules, 1989.

- (xxiii) Green belt shall be developed & maintained around the plant periphery. Green Belt Development shall be carried out considering CPCB guidelines including selection of plant species and in consultation with the local DFO/ Agriculture Dept.
- (xxiv) Adequate safety measures shall be provided to limit the risk zone within the plant boundary, in case of an accident. Leak detection devices shall also be installed at strategic places for early detection and warning.
- (xxv) Occupational health surveillance of the workers shall be done on a regular basis and record maintained as per Factories Act.
- (xxvi) The company shall make the arrangement for protection of possible fire hazards during manufacturing process in material handling.
- (xxvii) The project authorities must strictly comply with the rules and regulations with regard to handling and disposal of hazardous wastes in accordance with the Hazardous Waste (Management and Handling) Rules, 2003 (amended). Authorization from the MPCB shall be obtained for collections/treatment/storage/disposal of hazardous wastes.
- (xxviii) Regular mock drills for the on-site emergency management plan shall be carried out. Implementation of changes / improvements required, if any, in the on-site management plan shall be ensured.
- (xxix) A separate environment management cell with qualified staff shall be set up for implementation of the stipulated environmental safeguards.
- (xxx) Separate funds shall be allocated for implementation of environmental protection measures/EMP along with item-wise breaks-up. These cost shall be included as part of the project cost. The funds earmarked for the environment protection measures shall not be diverted for other purposes and year-wise expenditure should reported to the MPCB & this department.
- (xxxii) The project management shall advertise at least in two local newspapers widely circulated in the region around the project, one of which shall be in the marathi language of the local concerned within seven days of issue of this letter, informing that the project has been accorded environmental clearance and copies of clearance letter are available with the Maharashtra Pollution Control Board and may also be seen at Website at <http://ec.maharashtra.gov.in>
- (xxxiii) Project management should submit half yearly compliance reports in respect of the stipulated prior environment clearance terms and conditions in hard & soft copies to the MPCB & this department, on 1st June & 1st December of each calendar year.
- (xxxiiii) A copy of the clearance letter shall be sent by proponent to the concerned Municipal Corporation and the local NGO, if any, from whom suggestions/representations, if any, were received while processing the proposal. The clearance letter shall also be put on the website of the Company by the proponent.
- (xxxv) The proponent shall upload the status of compliance of the stipulated EC conditions, including results of monitored data on their website and shall update the same periodically. It shall simultaneously be sent to the Regional Office of MoEF, the respective Zonal Office of CPCB and the SPCB. The criteria pollutant levels namely; SPM, RSPM, SO₂, NO_x (ambient levels as well as stack emissions) or critical sectorai parameters, indicated for the project shall be monitored and displayed at a convenient location near the main gate of the company in the public domain.
- (xxxvi) The project proponent shall also submit six monthly reports on the status of compliance of the stipulated EC conditions including results of monitored data (both in hard copies as well as by e-mail) to the respective Regional Office of MoEF, the respective Zonal Office of CPCB and the SPCB.
- (xxxvii) The environmental statement for each financial year ending 31st March in Form-V as is mandated to be submitted by the project proponent to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently, shall also be put on the website of the company along with the

status of compliance of EC conditions and shall also be sent to the respective Regional Offices of MoEF by e-mail.

3. The environmental clearance is being issued without prejudice to the action initiated under EP Act or any court case pending in the court of law and it does not mean that project proponent has not violated any environmental laws in the past and whatever decision under EP Act or of the Hon'ble court will be binding on the project proponent. Hence this clearance does not give immunity to the project proponent in the case filed against him, if any or action initiated under EP Act.
4. The Environment department reserves the right to revoke the clearance if conditions stipulated are not implemented to the satisfaction of the department or for that matter, for any other administrative reason.
5. **Validity of Environment Clearance:** The environmental clearance accorded shall be valid for a period of 5 years
6. In case of any deviation or alteration in the project proposed from those submitted to this department for clearance, a fresh reference should be made to the department to assess the adequacy of the condition(s) imposed and to incorporate additional environmental protection measures required, if any.
7. The above stipulations would be enforced among others under the Water (Prevention and Control of Pollution) Act, 1974, the Air (Prevention and Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986 and rules there under, Hazardous Wastes (Management and Handling) Rules, 1989 and its amendments, the public Liability Insurance Act, 1991 and its amendments.
8. Any appeal against this environmental clearance shall lie with the National Green Tribunal (Western Zone Bench, Pune), New Administrative Building, 1st Floor, D-, Wing, Opposite Council Hall, Pune, if preferred, within 30 days as prescribed under Section 16 of the National Green Tribunal Act, 2010.


(Malini Shankar)
Member Secretary, SEIAA

Copy to:

1. Shri. R. C. Joshi, IAS (Retd.), Chairman, SEIAA, Flat No. 26, Belvedere, Bhulabhai desai road, Breach candy, Mumbai- 400026.
2. Shri T. C. Benjamin, IAS (Retired), Chairman, SEAC-I, 602, PECAN, Marigold, Behind Gold Adlabs, Kalyani Nagar, Pune – 411014.
3. Additional Secretary, MoEF & CC, Indira Paryavaran Bhavan, Jorbagh Road, Aliganj, New Delhi-110003.
4. Member Secretary, Maharashtra Pollution Control Board, with request to display a copy of the clearance.

5. The CCF, Regional Office, Ministry of Environment and Forest (Regional Office, Western Region, Kendriya Paryavaran Bhavan, Link Road No- 3, E-5, Ravi-Shankar Nagar, Bhopal- 462 016). (MP).
6. Collector, Bhandara
7. DMO, Office of the Collector, Bhandara
8. Regional Office, MPCB, Nagpur
9. IA- Division, Monitoring Cell, MoEF & CC, Indira Paryavaran Bhavan, Jorbagh Road, Aliganj, New Delhi-110003.
10. Select file (TC-3)

(EC uploaded on 16/1/16)