

58

Government of Maharashtra

SEAC - 2011 / CR - 755 / TC2

Environment department
Room No. 217, 2nd floor,
Mantralaya Annexe,
Mumbai- 400 032.
Dated: 30th June, 2012

To,
M/s. Bhimashankar SSK,
Village Dattatraya Nagar, Pargaon,
Tal Ambegaon, Dist Pune

Sub: Environment Clearance for the Proposed Co generation power project of 19 MW capacity at Dattatraya Nagar, Pargaon, Tal Ambegaon, Dist Pune by M/s Bhimashankar Sakhari Karkhana Limited. - Environmental clearance regarding.

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, Maharashtra in its 46th & 56th meetings 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 48th Meeting held on 26th /27th June, 2012

2. It is noted that the proposal is for grant of Environmental Clearance for Proposed 19MW Co generation power plant to be located at Dattatraya Nagar, Paragaon, Tal Ambegaon, Dist - Pune by M/s Bhimashankar Sakhar Karkhana Limited. SEAC considered the project under screening category 1(d) - B1 of EIA Notification 2006. Project proponent has submitted EIA report.

Project information from submitted & considered documents is summarized as below-

Name of the Project	:	Cogeneration Power Project of 19 MW Capacity				
Project Proponent	:	M/s. Bhimashankar Sakhar Sakhar Karkhana Limited				
Location of the project	:	Village Dattatraya Nagar, Pargaon, Tal Ambegaon, Dist Pune				
Built up area	:	18 Acres				
Project cost	:	4,446.25 Lakhs				
Raw material	:	List of raw Materials to be used	Physical and chemical nature of raw material	Quantity (tonne s/month) full production capacity	Source of material	Means of Transportation (Source to storage Site) with justification
		Bagass	Ash contain		Own	Bagasse will be transport

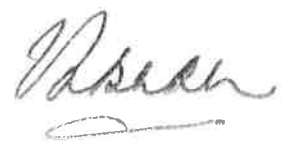


Green Belt Development	:	Green belt area: 8000 Sq. mtr. Number trees Existing: 6,850 Proposed No. of trees with plant species: 2,000			
Fuel Requirement	:	Bagasse – For season - 1074 MT/day During Off season: 305 MT/day.			
Environmental Management Plan	:	Sr. No		Recurring Cost per annum	Capital Cost
		1	Air Pollution Control	1.0	275.00
		2	Water Pollution Control	1.5	-----
		3	Noise Pollution Control	-----	-----
		4	Environment Monitoring and Management	0.5	
		5	Reclamation borrow/mined area		
		6	Occupational Health	1.0	
		7	Green Belt	0.5	5.00
		8	Solid waste management	0.5	
		9	Others (Pl. Specify) " Fire Protection	1.0	20.00
		Total		6.0	300.00

3. The proposal has been considered by SEIAA in its 48th 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) Project proponent should take immediate measures to reduce the ambient SPM value due to existing activity as per MPCB directives.
 - (ii) No land development / construction work preliminary or otherwise relating to the project shall be taken up without obtaining due clearance from respective authorities.
 - (iii) No additional land shall be used /acquired for any activity of the project without obtaining proper permission.
 - (iv) For controlling fugitive natural dust, regular sprinkling of water & wind shields at appropriate distances in vulnerable areas of the plant shall be ensured.
 - (v) 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.
 - (vi) Necessary arrangement shall be made to adequate safety and ventilation arrangement in furnace area.
 - (vii) Proper House keeping programmes shall be implemented.



- (xxvi) 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>
 - (xxvii) 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.
 - (xxviii) 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.
 - (xxix) 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 sectoral 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.
 - (xxx) 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.
 - (xxxii) 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.
 - (xxxiii) The environmental clearance is being issued without prejudice to the 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 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.
4. 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.
 5. 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.
 6. **Validity of Environment Clearance:** The environmental clearance accorded shall be valid for a period of 5 years to start of power plant.
 7. 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.



ANNEXURE 1

PROJECT INFORMATION

DATA SHEET

No.		
1	Project Type: River Valley/Mining/Industry/Thermal/Nuclear/Others (Specify)	Industry
2	Name of the Project	Bhimashankar Sahakari Sakhar Karkhana Ltd.Dattatrayanagar,Pargaon Tarfe Awasari Bk.,Tal_Ambegaon Dist-Pune Pin- 412406
3	Clearance letter(S)/OM No.and Date	SEAC-2011/CR-755/TC2 Date – 30/06/2012
4	Location a) District (s)	Pune
	b) State (s)	Maharashtra
	c) Location latitude / longitude	Latitude 18° 58' 30 and Longitude 74° 5' 25
	Address For Correspondance	
	a) Address of the Managing Director(with Pin code/Telephone/Telex/Fax/Numbers)	Mr. Chandrakant G. Dhage Bhimashankar Sahakari Sakhar Karkhana Ltd.Dattatrayanagar,Pargaon Tarfe Awasari Bk.,Tal_Ambegaon Dist-Pune Pin- 412406 Phone No.(02133)284241/284341 Fax- (02133)284270
	b)Address of the Managing Director(with Pin code/Telephone/Telex/Fax/Numbers)	
6	Salient Features	
	a) of the Project	This Sugar unit situated at Dattatrayanagar.
	b) of the Environmental Management Plans	Environment Management Plan Includes – Green Belt Development (Plantation with mostly indigenous plant species) Measures to avoid sound pollution Water Environment Solid waste management Rain water Harvesting Fire fighting system
7	Break up of the Project Area	
	a) Submergence area : Forest & Non Forest	N.A.
	b) Others	Plot area -169990.000 m ² Total Built up area- 8298 m ²
8	Break up the Project affected population with the enumeration of those losing Houses/Dwelling units only,Agricultural Land & Landless Laborers /Artisans:	Project land is owned by project proponent. So no population is affected.
	a) SC,ST / Adivasi	N.A.
	b) Others (Please indicate whether these figures are based on any scientific and systematic survey carried out or only provisional figures,if a survey is carried out give details & year of survey)	
9 (a)	Financial Details : Project cost as originally planned and subsequent revised estimates and the year of price reference	Total Project Cost- 164 Cr.

		Capital cost -	16400.00 Lakhs
		O & M cost/ Year-	2.00 Lakhs
b)	Allocation made for environmental management plans with item wise and year wise breakup		
			N.A.
)	Benefit cost ratio / Internal rate of Return and the year of assessment		Yes
)	Whether (c) includes the cost of environmental management as shown in the above		Yes
e)	Actual expenditure incurred on the project so far		Yes
f)	Actual expenditure incurred on the environmental management plans so far		
10	Forest Land Requirement :		
a)	The Status of approval for diversion of forest land for non-forestry use.		N.A.
b)	The status of clearing felling		N.A.
c)	The Status of compensatory afforestation,if any comments on the viability & sustainability of compensatory afforestation program in the light of actual field experience so far		N.A.
11	The status of clear felling in non-forest areas (such as submergence area or reservoir,approach roads) if any with quantitative information required .		N.A.
12	Status of construction (Actual & / or Planned)		Actual
a)	Date of commencement (Actual & / or Planned)		Actual
b)	Date of completion (Actual & / or Planned)		N.A.
13	Reasons for the delay if the project is yet to start		N.A.
14	Dates of the site visits -		Nil
a)	The dates on which the project was monitored by the Regional Office on previous occasions,if any		
b)	Date of site visit for this monitoring report		Nil

ANNEXURE - 2

EC COMPLIANCE CONDITIONS

i	Project proponent should take immediate measures to reduce the ambient SPM value due to existing activity as per MPCB directives.	We have ESP to 80 T boiler & Wet scrubber for 45 T boiler & Ambient SPM is within as per limit given by MPCB
ii	No land development / construction work preliminary or otherwise relating to the project shall be taken up without obtaining due clearance from respective authorities.	No land development or any construction is done & in future also we will not entertain any activity without MPCB permission
iii	No additional land shall be used/acquired for an activity of the project without obtaining proper permission.	We are agree with the same
iv	For controlling fugitive natural dust,regular sprinkling of water & wind shields at appropriate distances in vulnerable areas of the shall be ensured.	we agree with the same
v	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 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.	We are monitoring regularly with OCMS & online data is submitted to CPCB & reports to MPCB
vi	Necessary arrangement shall be made adequate safety and ventilation arrangement in furnace area.	We have arranged this type of work.
vii	Proper House keeping programmes shall be implemented.	We are regularly maintain proper house keeping.
viii	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 .	we agree with the same
ix	A Stack of adequate height based on DG set capacity shall be provided for control and dispersion of pollutant from DG set.(If applicable)	Both stack height is adequate. 45 T Boiler – Stack height 60 Mtr 80 T Boiler – Stack height 76 Mtr
x	A detailed scheme for rain water harvesting shall be prepared and implemented to recharge ground water.	We have planned & implemented as per requirement.
xi	Arrangement shall be made that effluent and storm water does not get mixed.	Proper effluent & storm water drainage have developed on the site. No mixing of waste water & storm water.
xii	Periodic monitoring of ground water shall be undertaken and results analyzed to ascertain any change in quality of water. Results shall be submitted to the Maharashtra Pollution Control Board.	
xiii	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.	Noise level – within limit

xiv	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 conform to the standards prescribed under Environment	Noise level is within standard limits & we agree with the same in future also.
xv	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.	We have planted 3000 trees in our factory premises. Attachment-I
xvi	Adequate safety measures shall be provided to limit the risk zone within the plant boundary, in case of an accident. Leak detection devices shall be installed at strategic places for early detection and warning.	Adequate safety measures are provided.
xvii	Occupational health surveillance of the workers shall be done on a regular basis and record maintained as per Factories Act.	We are arranged health camp regularly.
xviii	The company shall make the arrangement for protection of possible fire hazardous during manufacturing processes in the material handling.	Separate arrangement is done for protection of fire hazards.
xix	The project authorities must strictly comply with the rules & regulations with regard to handling and disposal of hazardous waste 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.	We are regularly followed guidelines given by MPCB & comply all consent conditions.
xx	The company shall undertake following Waste Minimization Measures: .Metering of quantities of active ingredients to minimize wastes. Reuse of by-products from the process as raw materials or as raw material substitutes in other process. .Maximizing Recoveries. .Use of automated material transfer system to minimize spillage.	We have minimized the waste water generation by proper monitoring & Reuse of condensate water by cooling in cooling towers.
xxi	Regular mock drills for the on site emergency management plans shall be carried out. Implementation of changes / improvement required, if any, in the on site management plans shall be ensured.	
xxii	A separate environment management cell with qualified staff shall be set up for implementation of the stipulated environmental safeguards.	Karkhana have appointed separate environment management cell & qualified staff.
xxiii	Transportation of ash will be through closed containers and all measures should be taken to prevent spilling of the ash.	Transportation of ash always carried out in closed tractors.

xxiv	Separate silos will be provided for collecting and storing bottom ash and fly ash.	Karkhana are arranged separate silos & ash collection sand filters for collecting and storing bottom ash & fly ash.
xxv	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 environmental protection measures shall not be diverted for other purposes and year-wise expenditure should reported to the MPCB & this department.	The expenditure for Environment Management Plan is proposed as follows: Capital cost : 16400.00 Lakhs O & M cost/year - 2.00 Lakhs.
xxvi	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	Karkhana have published advertise in local two local newspapers - 1) Pudhari (Marathi) - 13 July 2012 2) Sakal (English) - 14 July 2012 Attachment No. - II
xxvii	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.	Regularly Submitted.
xxviii	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.	Submitted
x	The proponent shall upload the 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, So ₂ , Nox (ambient levels as well as stack emissions) or critical sectoral 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.	Submitted.
xxx	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 CPCB and the SPCB.	Regularly Submitted.

xxxi	The environmental statement for each financial year ending 31 st march in Form-V 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 send to the respective Regional Offices of MoEF by e-mail.	Regularly Submitted.
xxxii	The environmental clearance is being issued without prejudice to the 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 of the Hon'ble court will be bindng on the project proponent. Hence this clearance does not give immunity to the project proponent in the case filed against him.	There are no any environmental issues & cases regarding pollution.