

Minutes of the 161st Meeting of Goa State Expert Appraisal Committee (Goa - SEAC) held on the 23rd November 2022 at 03.30 p.m. in the conference hall, 4th Floor, Dempo Towers, Patto - Panaji, Goa.

The 161st meeting of the Goa-SEAC was held on 23rd November 2022 in the Conference room 4th floor of the Dempo Towers, Patto - Panaji at 03.30 p.m. under the Chairmanship of Shri. Gautam Desai. The list of members who attended the meeting is at "Annexure - 1".

The Chairman welcomed the members and requested Secretary, SEAC to proceed as per the agenda items (refer Annexure - 2).

1. To decide on application received for extension of validity of Environment Clearance from M/s Amer Phadte bearing survey No. 515 North Goa.

The representative of M/s Amer Phadte along with consultant appeared before the Committee.

The Committee scrutinized the application and documents submitted by the Project Proponent.

Decision: The Committee has decided to Recommend the Authority to extend the validity of existing EC with subject to the same conditions stipulated in the existing EC and some specific conditions as specified below, for a period of years i.e upto ending on 08/05/2025.

Recommendation : Recommended

Specific Condition

1. To Provide cement poles/bio-fencing/barbed wire along the lease boundary for safety measure.
2. Asphaltting of internal roads within lease area to minimize dust and sound pollution.

2. To decide on application received for extension of validity of Environment Clearance from Rajendra Naik for Vazangall shiroda Laterite Quarry at survey No. 839/1 Shiroda, Ponda, North Goa.

The project proponent of Vazangall shiroda Laterite Quarry Mr. Raju naik along with consultant appeared before the Committee.

The Committee scrutinized the application and documents submitted by the Project Proponent. The Committee has inspected the mining site on 16/11/2022. It was observed during the inspection that the total mining he carried out in area admeasuring 200 mts X 400 mts. However lease area is 200 mts X 200 mts.

The Project Proponent informed Committee that there existed another mining lease admeasuring 200 mts X 200 mts adjacent to existing mining lease.

Decision: Committee has decided to defer this matter for getting additional information from the Project Proponent with respect to earlier mining lease and quantity of overburden to be extracted over a period of time.

DEFERRED

3. **To decide on application received from Narayan NaikDessai locating at Survey No. 50/1, Fatorpa, Quepem South Goa for prior Environmental Clearance.**

After scrutinizing the application submitted by the Project Proponent the Committee has learnt that following details has been submitted by the respective PP in proper manner.

1. Water Management Plan
2. Drainage / Overflow Management plan.
3. Back filling / Overburdern Management plan.

Decision: The Committee has decided to forward the proposal to SEIAA to grant Environmental Clearance.

Recommendation : Recommended

4. **To decide on application received from Delia Fernandes locating at Survey No.99/0, Barcem, Quepem South Goa for prior Environmental Clearance.**

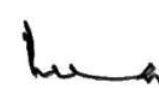
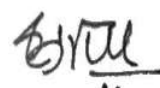
The representative of Delia Fernandes along with consultant appeared before the Committee. The Committee scrutinized the application and documents submitted by the Project Proponent.

Decision: Committee has decided to defer this matter for getting additional information from the Project Proponent with respect to blasting.

5. **To decide on application received for Environmental Clearance from M/s John Distilleries Private Limited, bearing Plot No. M-21, M-21A, M-21B Cuncolim Salcete Goa.**

The representative of M/s John Distilleries private Limited along with consultant appeared before the Committee. The Committee scrutinized the application and documents submitted by the Project Proponent.

Decision: The Committee has decided to recommend the Authority for grant of Environment Clearance under following **Specific and General** conditions.



SPECIFIC CONDITIONS:

- a) Environment clearance accorded is for grain based distillery unit (11 KLD) malt based and botanical spice based distiller unit (1.5 KLD Gin) only and no molasses based distillery unit shall be operated without prior permission from the SEIAA.
- b) ESP along with stack of adequate height shall be provided coal/rice husk fired boiler (1 x 12 TPH) to emission less than 50 mg/Nm³. At no time, the emission levels should go beyond the prescribed standards. In the event of failure of any pollution control system adopted by the unit, the respective unit shall not be restarted until the control measures are rectified to achieve the desired efficiency.
- c) In plant, control measures for checking fugitive emissions from all the vulnerable sources shall be provided. Fugitive emissions shall be controlled by providing closed storage, closed handling & conveyance of chemicals/materials, multi-cyclone separator and water sprinkling system. Dust suppression system including water sprinkling system shall be provided at loading and unloading areas to control dust emissions. Fugitive emissions in the work zone environment, product, raw materials storage area etc. shall be regularly monitored and records shall be maintained. The emissions shall conform to the limits imposed by Goa State Pollution Control Board (GSPCB).
- d) Proper approach road to project site shall be constructed prior to commencing construction activity of the main distillery so as to avoid fugitive emissions.
- e) The gaseous emissions from DG set shall be dispersed through adequate stack height as per CPCB guidelines. Acoustic enclosure shall be provided to the DG sets to mitigate the noise pollution.
- f) The company shall upload the status of compliance of the stipulated environmental clearance conditions, including results of monitored data on its website and shall update the same periodically.
- g) Spent wash generation shall not exceed 6 Kl/Kl of alcohol. After expansion, entire Spent wash of 12.5 KLD distillery shall be treated through decanter and concentrated in multi-effect evaporator (MEE) to form DWGS. DWGS will be sent to dryer to form DDGS. Spentlees, effluent from utilities and cogeneration unit shall be treated in effluent treatment plant (ETP) and water quality of treated effluent shall meet the norms prescribed by CPCB/SPCB and recycle/reuse. No effluent from distillery and co-generation power plant shall be discharged outside the factory premises and 'Zero' effluent discharge concept shall be adopted. As proposed no spent wash storage lagoon will be provided.
- h) Process effluent/any waste water shall not be allowed to mix with storm water. Storm water drain shall be passed through guard pond.
- i) Adequate numbers of ground water quality monitoring stations by providing piezometers around the project area shall be set up. Sampling and trend analysis monitoring must be made on monthly a basis and report submitted to GSPCB and SEIAA/SEAC. The ground water quality monitoring for pH, BOD, COD, Chloride, Sulphate and Total Dissolve Solids shall be monitored

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and report submitted to the Ministry's Regional Office at Bangalore and GSPCB.

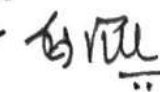
- j) No storage of wet cake shall be done at site to avoid odour problem. An additional dryer shall be installed so that at any time wet cake is not sold then wet cake shall be converted into dry cake by operating additional dryer.
- k) Biomass/coal storage shall be done in such a way that it does not get air borne or fly around due to wind. For this, it shall be kept in wet form.
- l) Fly ash shall be stored separately as per CPCB guidelines so that it shall not adversely affect the air quality, becoming air borne by wind or water regime during rainy season by flowing along with the storm water. Direct exposure of workers to fly ash & dust shall be avoided. Ash shall be transferred to the brick manufacturing/cement plant in a covered truck. A tie-up with brick manufacturers to be made in the form of agreement.
- m) Fire fighting system shall be as per norms and cover all areas where alcohol is produced, handled and stored. Provision of foam system for fire fighting shall be made to control fire from the alcohol storage tank.
- n) Risk Assessment shall be carried to assess the fire and explosion risk due to storage of alcohol and report submitted to the Ministry and its Regional Office at Bangalore within six months.
- o) No effluent from distillery shall be discharged outside the premises and Zero discharge concept shall be adopted.
- p) Automatic/online monitoring system for flow measurement and for relevant pollutants in the treatment system to be installed. The data to be made available to respective SPCB and in the Company's website
- q) Occupational health surveillance program shall be undertaken as regular exercise for all the employees. The first aid facilities in the occupational health centre shall be strengthened and the regular medical test records of each employee shall be maintained separately.
- r) Dedicated parking facility for loading and unloading of material shall be provided in the factory premises. Unit shall develop and implement good traffic management system for their incoming and outgoing vehicles to avoid congestion on the public road.
- s) The Company shall submit within three months their policy towards Corporate Environment Responsibility which should inter-alia address (i) Standard operating process/procedure to bring into focus any infringement/deviation/violation of environmental or forest norms/conditions, (ii) Hierarchical system or Administrative order of the Company to deal with environmental issues and ensuring compliance to the environmental clearance conditions and System of reporting of non compliance/violation environmental norms to the Board of Directors of the company and/or stakeholders or shareholders.

GENERAL CONDITIONS:

- a) The project authorities must strictly adhere to the stipulations made by the Goa Pollution Control Board, State Government and any other statutory authority.

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- b) No further expansion or modifications in the plant shall be carried out without prior approval of the MOEF&CC (SEIAA/SEAC). In case of deviations or alterations in the project proposal from those submitted to this Authority for clearance, a fresh reference shall be made to the Authority to assess the adequacy of conditions imposed and to add additional environmental protection measures required, if any.
- c) The National Ambient Air Quality Emission Standards issued by the Ministry vide G.S.R. No. 826(E) dated 16th November, 2009 shall be followed.
- d) The locations of ambient air quality monitoring stations shall be decided in consultation with the Goa Pollution Control Board (GSPCB) and it shall be ensured that at least one station is installed in the upwind and downwind direction as well as where maximum ground level concentrations are anticipated.
- e) The overall noise levels in and around the plant area 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 (Protection) Act, 1986 Rules, 1989 viz. 75 dBA (day time) and 70 dBA (night time).
- f) The Company shall harvest rainwater from the roof-tops of the buildings and storm water drains to recharge the ground water and use the same water for the process activities of the project to conserve fresh water.
- g) The Company shall obtain Authorization for collection, storage and disposal of hazardous waste under the Hazardous Waste (Management, Handling and Trans-boundary Movement) Rules, 2008 and its amendment time to time and prior permission from GSPCB shall be obtained for disposal of solid / hazardous waste including boiler ash.
- h) During transfer of materials, spillages shall be avoided and garland drains be constructed to avoid mixing of accidental spillages with domestic waste water and storm water drains.
- i) Usage of Personnel Protection Equipments by all employees/ workers shall be ensured.
- j) Training shall be imparted to all employees on safety and health aspects of chemicals handling. Pre-employment and routine periodical medical examinations for all employees shall be undertaken on regular basis. Training to all employees on handling of chemicals shall be imparted.
- k) The company shall also comply with all the environmental protection measures and safeguards proposed in the project report submitted to the Ministry. All the recommendations made in the EIA/EMP in respect of environmental management, risk mitigation measures and public hearing relating to the project shall be implemented.
- l) The company shall undertake CSR activities and all relevant measures for improving the socio-economic conditions of the surrounding area.
- m) The company shall undertake eco-developmental measures including community welfare measures in the project area for the overall improvement



of the environment.

- n) The project proponent shall also submit six monthly reports on the status of compliance of the stipulated Environmental Clearance 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 State Pollution Control Board. A copy of Environmental Clearance and six monthly compliance status report shall be posted on the website of the company.
- o) The environmental statement for each financial year ending 31st March in Form-V as is mandated shall be submitted to the Goa 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 environmental clearance conditions and shall also be sent to the Bangalore Regional Offices of MoEF by e-mail.
- p) The project proponent shall inform the public that the project has been accorded environmental clearance by the Ministry (SEIAA/SEAC) and copies of the clearance letter are available with the SPCB/Committee and may also be seen at Website of the Ministry at <http://parivesh.nic.in>. This shall be advertised within seven days from the date of issue of the clearance letter, at least in two local newspapers that are widely circulated in the region of which one shall be in the vernacular language of the locality concerned and a copy of the same shall be forwarded to the concerned Regional Office of the Ministry.
- q) The project authorities shall inform the Regional Office as well as the SEIAA/SEAC, the date of financial closure and final approval of the project by the concerned authorities and the date of start of the project.
- r) The SEIAA may revoke or suspend the clearance, if implementation of any of the above conditions is not satisfactory.
- s) The SEIAA reserves the right to stipulate additional conditions, if found necessary. The company in a time bound manner will implement these conditions.
- t) The above conditions will be enforced, inter-alia under the provisions of the Water (Prevention & Control of Pollution) Act, 1974, Air (Prevention & Control of Water Pollution) Act, 1981, the Environment (Protection) Act, 1986 Hazardous Waste (Management, Handling and Trans-boundary Movement) Rules, 2008 and the Public Liability Insurance Act, 1991 along with their amendments and rules.
- u) Environmental Clearance is issued to John Distillers private limited for expansions of malt based distilleries (unit from 5 KLD to 12.5 KLD) at plot No. M21, M-21A, M21B Concolim Industrial estate, Concolim, Salcete, Goa.

Recommendation : Recommended

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The meeting ended with a vote of thanks to the chair.

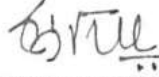
Dr. Benjamin Braganca



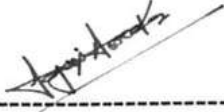
Dr. Dipak C.S. Gaitonde



Dr. Chandrashekher U. Rivonker



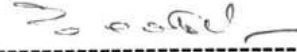
Shri. Sanjay Amonkar



Dr. Subhash H. Bhosale



Shri Sujeetkumar Dongre



Shri. Gautam Vikas Desai
(Chairman Goa-SEAC)



Shri. Sanjeev Joglekar
(Secretary Goa-SEAC)

Place: Patto-Panaji
Date: 23rd November 2022

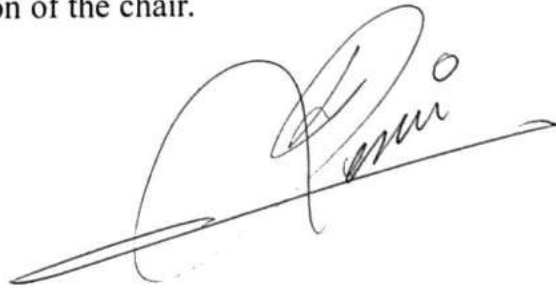
Annexure – 1

The list of members who attended the meeting

Shri Gautam Vikas Desai	Chairman (Goa –SEAC)
Shri. Sanjeev Joglekar	Secretary (Goa –SEAC)
Shri. Sanjay Amonkar	Expert Member (Goa –SEAC)
Dr. Dipak C.S. Gaitonde	Expert Member (Goa –SEAC)
Dr. Benjamin Braganca	Expert Member (Goa –SEAC)
Dr. Chandrashekher U. Rivonker	Expert Member (Goa –SEAC)
Dr. Subhash H. Bhosale	Expert Member (Goa –SEAC)
Shri Sujeetkumar Dongre	Expert Member (Goa –SEAC)

Annexure - 2

1. To decide on application received for extension of validity of Environment Clearance from M/s Amer Phadte bearing survey No. 515 North Goa.
2. To decide on application received for extension of validity of Environment Clearance from Vazangall shiroda Laterite Quarry bearing survey No. 839/1 Shiroda, Ponda, North Goa.
3. To decide on application received from Narayan NaikDessai locating at Survey No. 50/1, Fatorpa, Quepem South Goa for prior Environmental Clearance.
4. To decide on application received from Delia Fernandes locating at Survey No.99/0, Barcem, Quepem South Goa for prior Environmental Clearance.
5. To decide on application received for Environmental Clearance from M/s John Distilleries Private Limited, bearing Plot No. M-21, M-21A, M-21B Cuncolim Salcete Goa.
6. Any other matter with permission of the chair.

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