



ಕರ್ನಾಟಕ ರಾಜ್ಯ ಮಾಲಿನ್ಯ ನಿಯಂತ್ರಣ ಮಂಡಳಿ
Karnataka State Pollution Control Board

ನಂ. 49, ಪರಿಸರಭವನ
4 ಮತ್ತು 5ನೇ ಅಂತಸ್ತು, ಚರ್ಚ್ ಸ್ಟ್ರೀಟ್,
ಬೆಂಗಳೂರು - 560 001, ಕರ್ನಾಟಕ, ಭಾರತ

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NO: CFE-EIA/SRSL/EIA-414/2006-2007/

DATED

/ BY REGD. POST WITH ACK. DUE /

19 7 JUN 2006

TO:

The General Manager (Tech.)
Shree Renuka Sugars Limited
Munoli- 591 117
Saundatti Taluk, Belgaum District.

Sir,

Sub: Consent for Establishment for expansion of Distillery unit from 60 KLPD to 120 KLPD at R.S.No.137, Munoli-591 117, Saundatti Taluk, Belgaum District, by M/s Shree Renuka Sugars Limited.

- Ref:
1. Your CFE application received on 26.11.2005 at Regional Office, Belgaum.
 2. Inspection report of the Regional Officer along with the CFE application vide No.1574 Dated 26.11.2005.
 3. Proceedings of the 314th Technical Advisory Committee meeting held on 22.11.2005.
 4. Proceedings of the 316th Technical Advisory Committee meeting held on 16.02.2006.
 5. Proceedings of the 317th Technical Advisory Committee meeting held on 22.03.2006.
 6. Proceedings of the 318th Technical Advisory Committee meeting
 7. Proceedings of the Consent Committee Meeting held on 01.04.2006.

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With reference to the above subject, The industry has made an application to the Board for expansion of distillery unit from 60 KLD to 120 KLD at Sy. No 137, Munoli-591 117, Saundatti Taluk, Belgaum District, and claimed that there is No Increase in Pollution Load, as the industry has installed RO plant to treat spent wash and also proposed an additional RO plant for expansion project. The industry claims that the quantity of effluent generation after expansion is same as that of the existing consented quantity and they are not proposing any additional new air pollution sources in the distillery plant.

The subject on the above claim was discussed in detail, in the 314th TAC meeting held on 22.12.2005, 316th TAC meeting held on 16.2.2006 and in the 317th TAC meeting held on 22.3.2006 and 318th TAC meeting, after detailed examination of the process, pollution control system, existing and proposed additions and other controls, the TAC has opined that, the claim of the industry with regard to no increase in pollution load can be accepted.

Further, this issue was examined in the Consent Committee meeting held on 01.04.2006 and in the light of TAC opinion, the Committee has recommended to grant Consent for Establishment to the industry. However, at any point of time if the pollution load is proved more than the present load, the industry shall stop the operation and go through the public hearing process.

Hence, Board hereby accords Consent for Establishment under the Water (Prevention & Control of Pollution) Act 1974 and the Air (Prevention & Control of Pollution) Act 1921.

for expansion of Distillery unit from 60 KLPD to 120 KLPD at R.S.No.137, Munoli-591 117, Saundatti Taluk, Belgaum District, by M/s.Shree Renuka Sugars Limited, considering that there is no increase in pollution load consequent to the increase in production, subject to the following conditions.

1. The applicant shall keep Ministry of Environment (MoEF) informed as per the EIA Notification dated: 27.01.1994 (vide explanatory note).
2. The applicant shall not under take expansion/diversification/modernization, change of location of site etc, without prior clearance from the Board.
3. In the event of the resultant pollution load generated from the expansion exceeds the existing pollution load as committed by the industry, at any point of time under any circumstances, after commissioning of the plant, the Board reserves the right to withdraw the Consent for Establishment issued to the industry and will have to direct the industry to follow the procedure as laid down under EIA Notification 1994.

I. Water Pollution Control:

1. The applicant shall comply with all the consent conditions stipulated in the consent issued by the Board under the Water Act and the Air Act respectively vide consent order No.KSPCB/17CAT/WPC/RENUKA/2005-06/124, dated 27.07.2005 and No.KSPCB/17CAT/APC/RENUKA/2005-06/123, dated 27.07.2005.
2. The total quantity of water consumption shall not exceed 734 KLD and trade effluent generation (spent wash) shall not exceed 360 KLD and spent lees shall not exceed 260 KLD after expansion and pollution load shall remain within the consented capacity.
3. The spent wash so generated should be completely treated in R.O plant and composted to produce manure and the spent lees should be taken to sugar plant for imbibitions.
4. There shall not be any discharge of treated/untreated effluent either inside/outside the factory premises.
5. Industry has to establish new Reverse Osmosis plant of capacity 450 M³ per day to treat spent wash generated from the process.
6. If the treatment plants do not achieve the effluent standards stipulated as per the consent order or if it is found to be inadequate or if the standards are revised from time to time, then the industry shall have to modify the units so as to meet the standards with prior consent of the Board.
7. The entire compost yard will be provided with RCC lining within 1 year.
8. The spent wash generated is first concentrated in re-Boiler and then fed to R.O plant. The industry shall monitor the efficiency of R.O on regular basis and submit the report of the Board.
9. The entire compost yard, storage yard for raw material and composted material should be concreted to prevent ground water pollution.

10. The applicant shall provide sufficient land for storage of extra press mud for expansion including the press mud brought from other sugar mills.
11. The entire yard should be provided with proper garrand canal, impervious leachate tank and other facilities to avoid percolation of waste water and contamination of ground water pollution.

II. Air Pollution Control:

1. There shall not be any additional Air Pollution Sources from the expansion of distillery from 60KLPD to 120 KLPD.
2. Carbon di-oxide which contains traces of Ethanol vapour should be scrubbed with water and recycled to the fermenter.
3. There shall not be any increase in the fugitive emission from the increase in production and there shall not be any increase in the total emission load in to the atmosphere due to expansion activity.
4. The applicant shall take all necessary efforts to control odour nuisance caused due to emission from the industry.
5. There shall not be any complaint against the industry about water pollution, air pollution and odour nuisance and if any, industry shall take necessary measures to control the nuisance.

III. Solid Waste/ Hazardous Waste Management:

1. The spent sludge generated from the fermenter should be mixed with press mud and used for composting to produce manure.
2. The quantity of hazardous waste shall not exceed the quantities mentioned in the authorization issued under Hazardous Waste (Management & Handling) Rules, No. KSPCB/HWMC/AEO/EO/SEO-1/2002-03/895 dated: 07.08.2002 valid up to 5 years from 01.06.2002.
3. The applicant shall abide by the conditions stipulated in authorization issued under Hazardous Waste (Management & Handling) Amended Rules 2003, vide No. KSPCB/HWMC/AEO/EO/SEO-1/2002-03/895 dated: 07.08.2002 valid up to 5 years from 01.06.2002.

IV. General:

1. The applicant is liable to restore, damage or destroyed elements of environment at its cost, failing which, the applicant/occupier shall be liable to pay the entire cost of remediation or restoration and pay in advance an amount equal to the cost estimated by Competent Agency or Committee.
2. The industry shall not commission the production expansion for trial or regular unless all the facilities as proposed in the de-bottlenecking is installed to the satisfaction of the Board.

3. The industry shall not change or alter (a) raw materials or manufacturing process (b) change the products or product mix (c) the quality, quantity or rate of discharge/ emissions and (d) install/replace/alter the water or air pollution control equipments without the prior approval of the Board
4. The applicant shall provide all necessary healthcare facilities to workers and shall carry out routine health survey among workers tests like Spirometry, Pulse Oxymetry, Lung function test, etc., shall also be carried out at regular interval under the supervision of Expert Medical Practitioner.
5. The applicant shall immediately report to the Board of any accident or unforeseen act or event resulting in release of discharge of effluents or emissions or solid wastes etc , in excess of the standards stipulated, and the applicant shall immediately take appropriate corrective and preventive actions under intimation.
6. The industry shall comply with all the suggestions/recommendations made by the consultants during the preparations of the report and the suggestions made during the TAC meetings
7. The applicant shall comply with all the Rules issued under statue and guidelines issued by the competent authority regarding environment safe guard from time to time.
8. The Board reserves the right to review, impose additional condition or conditions, revoke, change or alter the terms and conditions.
9. This CFE does not give any right to the Industry to forego any legal requirement, which is necessary for setting/operation of the plant
10. Exact date of the commissioning of the plant at increased capacity shall be informed to the Board 30 days in advance so as to make necessary inspection of the plant and the pollution control measures provided by the industry.

Please note that this is only consent for establishment for expansion of production of Rectified Spirit from 60 KLD to 120 KLD.

The applicant shall have a valid Consent for Operation for operating the plant at increased production by making application for consent along with prescribed consent fee. The application for consent has to be made 45 days in advance before taking up actual production in the increased capacity.

The receipt of this letter may please be acknowledged.

FOR AND ON BEHALF OF
KARNATAKA STATE POLLUTION CONTROL BOARD
BANGALORE - 560 001


MEMBER SECRETARY.