



ANDHRA PRADESH POLLUTION CONTROL BOARD
PARYAVARAN BHAVAN, A - 3, INDUSTRIAL ESTATE,
SANATHNAGAR, HYDERABAD - 500 018

Phone: 23887500
Fax: 040 - 23815631
Grams: Kalushya Nivarana
Website: www.appcb.org
E-mail: info@appcb.org

REGD.POST WITH ACK.DUE

CONSENT ORDER FOR ESTABLISHMENT



Order. No. APPCB/VSP/RJY/147/CFE/HO/2006 2015

Sub: PCB - CFE - M/s. The Andhra Sugars Ltd., Taduvai (V), Jangareddygudem (M), West Godavari District - Consent for Establishment of the Board for expansion under Sec. 25 of Water (P & C of P) Act, 1974 and under Sec. 21 of Air (P & C of P) Act, 1981 - Issued - Reg.

- Ref:
- 1) Industry's application received through SWCC on 29.5.2006
 - 2) R.O's inspection report dt. 18.8.2006.
 - 3) T.O. Ir. dt. 1.11.2006
 - 4) The MoE&F, GOI, Circular on EIA, 2006 dt. 21.11.2006.
 - 5) Industry's Ir. dt. 4.12.2006
 - 6) CFE Clearance Committee meeting held on 16.12.2006

1. In the reference 1st cited, an application was submitted to the Board seeking Consent for Establishment (CFE) for expansion of sugar cane crushing to produce the following products with installed capacities as mentioned below, with a project cost of Rs. 28 crores.

Sl. No.	Products	Existing capacity	Capacity after expansion
1.	Sugarcane crushing	2500 TCD	5500 TCD
	Sugar	250 TPD	715 TPD
2.	Power	80,000 KWH / day	80,000 KWH / day
	By- Products after expansion		
1	Bagasse	-	1760 TPD
2	Molasses	-	275 TPD

2. As per the application, the above activity is to be carried out within the existing premises located at Taduvai (V), Jangareddygudem (M), West Godavari District.

3. The above site was inspected by the Environmental Engineer, Regional Office, Eluru, A.P Pollution Control Board on 5.7.2006 and found that the site is surrounded by:

- North - Road followed by Sugarcane fields
South - Industry's own lane followed by State Highway RJY - HYD
East - Sugarcane fields
West - Road followed by own land of the industry

4. The Board, after careful scrutiny of the application and verification report of Regional Officer, and in view of MoE&F, GOI, Circular on EIA, 2006 dt. 21.11.2006, hereby issues CONSENT FOR ESTABLISHMENT for expansion to your unit / activity Under Section 25 of Water (Prevention & Control of Pollution) Act 1974 and Section 21 of Air (Prevention & Control of Pollution) Act, 1981 and the rules made there under. **This order is issued to manufacture the products as mentioned at para (1) only.**

5. This Consent Order now issued is subject to the conditions mentioned in Schedule 'A' and Schedule 'B'.
6. This order is issued from pollution control point of view only. Zoning and other regulations are not considered.

Encl: Schedule 'A'
Schedule 'B'

Sd/-
MEMBER SECRETARY

To
M/s. The Andhra Sugars Ltd.,
Taduvai (V), Jangareddygudem (M),
West Godavari District.

/// T.C.F.B.O ///

J. Ravindoo
JOINT CHIEF ENVIRONMENTAL ENGINEER (CFE)

KE 2/5

3/1/07

SCHEDULE - A

1. Progress on implementation of the project shall be reported to the Regional Office, Eluru, A.P. Pollution Control Board once in six months.
2. Separate energy meters shall be provided for Effluent Treatment Plant (ETP) and Air pollution Control equipments to record energy consumed.
3. The proponent shall obtain Consents for operation from APPCB, as required Under Sec.25/26 of the Water (P&C of P) Act, 1974 and under sec. 21/22 of the Air (P&C of P) Act, 1981, before commencement of the activity.
4. Notwithstanding anything contained in this conditional letter or consent, the Board hereby reserves its right and power Under Sec.27(2) of Water (Prevention and Control of Pollution) Act, 1974 and Under Sec.21(4) of Air (Prevention and Control of Pollution) Act, 1981 to review any or all the conditions imposed herein and to make such alternation as deemed fit and stipulate any additional conditions by the Board.
5. The consent of the Board shall be exhibited in the factory premises at a conspicuous place for the information of the inspecting officers of different departments.
6. Compensation is to be paid for any environmental damage caused by it, as fixed by the Collector and District Magistrate as civil liability.
7. Floor washing shall be admitted into the effluent collection system only and shall not be allowed to find their way in storm drains or open areas. The industry shall maintain a good housekeeping. All pipe valves, sewers, drains shall be leak proof. Dyke walls shall constructed around storage of molaases and other chemicals.
8. Rain Water Harvesting (RWH) structure (s) shall be established on the plant site. The proponent shall ensure that effluent shall not enter the Rain Water harvesting structure.
9. The rules and regulations notified by Ministry of Law and Justice, GOI, regarding the Public liability insurance Act, 1991 shall be followed.
10. This order is valid for period of 5 years from the date of issue.

SCHEDULE - B

Water:

1. The source of water is Bore well and the maximum permitted water consumption after expansion is 580 KLD.
2. The Effluent Treatment Plant (ETP) shall be upgraded as proposed and Air Pollution control equipment shall be installed along with the commissioning of the activity. All the units of the ETP shall be impervious to prevent ground water pollution.
3. The effluents shall be treated to the on land for irrigation standards, stipulated under Environment (Protection) Rules, 1986, notified and published by Ministry of Environment and Forests, Government of India as specified in schedule VI vide G.S.R.422 (E), dt.19.05.1993 and its amendments thereof.

4. The maximum Waste Water Generation (KLD) after expansion shall not exceed the following:

Sl. No.	Section	Total after expansion (KLD)
1	Process & Wash	200
2	Cooling, Boiler blow down	350
3	Sanitary	100
	Total	650

Source of Effluent	Mode of final disposal	Standards to be complied
Trade effluent after treatment	On land for irrigation in industry's own land	On land for irrigation
Domestic effluent	Septic tank followed by soak pit	--

5. Separate meters with necessary pipe-line shall be provided for assessing the quantity of water used for each of the purposes mentioned below.
- Industrial cooling, boiler feed.
 - Domestic purposes.
 - Processing, whereby water gets polluted and pollutants are easily bio-degradable.

Air:

6. The existing 2 nos. of 40 TPH capacity boilers are to be upgraded to 45 TPH capacity each. Existing wet scrubbing system is proposed to be used as control equipment. The industry shall monitor the adequacy of the scrubbing system.
7. The industry shall comply with the following for controlling air pollution:

Source of emissions:	Control Equipment	Standards to be complied
2 x 45 TPH boilers (upgraded from existing 2 x 40 TPH boilers)	Wet scrubbing system	SPM – 115 mg/Nm ³

8. A sampling port with removable dummy of not less than 15 cm diameter shall be provided in the stack at a distance of 8 times the diameter of the stack from the nearest constraint such as bends etc. A platform with suitable ladder shall be provided below 1 meter of sampling port to accommodate three persons with instruments. A 15 AMP 250 V plug point shall be provided on the platform.
9. The generator shall be installed in a closed area with a silencer and suitable noise absorption systems. The ambient noise level shall not exceed 75 dB(A) during day time and 70 dB(A) during night time.

Solid Waste:

10. The industry shall comply with the following:

Sl. No.	Solid waste	Quantity	Method of disposal
1.	Boiler ash	24 TPD	To brick manufacturers
2.	ETP sludge	15 TPA	For composting in industry's own land

11. The following rules and regulations notified by the MOE&F, GOI shall be implemented.

- a) Hazardous waste (Management and Handling), Rules, 1989
- b) Manufacture, storage and import of hazardous chemicals Rules, 1989.

Other Conditions:

12. The industry shall obtain environmental clearance from MoE&F, GOI / State Environment Impact Assessment Authority (SEIAA) as per EIA, Notification dt. 14.09.2006, by 30.6.2007.
13. Green belt shall be developed along the boundary of the industry. The existing green belt shall be maintained.
14. The industry shall comply with CPCB guidelines and CREP recommendations applicable to the sugar industry.
15. The proponent shall adopt measures to control effluent generation such as practicing dry cleaning instead of wet cleaning, providing level alarms to control spillages etc.

Sd/-
MEMBER SECRETARY

To
M/s. The Andhra Sugars Ltd.,
Taduvai (V), Jangareddygudem (M),
West Godavari District.

/// T.C.F.B.O///

P. Ravindar
JOINT CHIEF ENVIRONMENTAL ENGINEER (CFE)

KL 3/5

3/1/07