

Karnataka State Pollution Control Board  
Dharwad .Plot No. 4,  
Lakkamanahalli Industrial Area  
Dharwad – 580 004  
Ph No. 0836-2462918

ಹಿರಿಯ ಪರಿಸರ ಅಧಿಕಾರಿಗಳ ಕಛೇರಿ  
ಪ್ಲಾಟ್ ನಂ. 4, ಅಕ್ಕಮನಹಳ್ಳಿ ಕೈಗಾರಿಕಾ ಪ್ರದೇಶ  
ಧಾರವಾಡ- 580 004  
ಫೋನ್ ನಂ. 0836-2462918



-----towards a cleaner Karnataka

February 23, 2017

**Inspection Notes of C.D.Kumar, SEO, Dharwad**

Name of The Industry visited	<b>M/s. Coramandal Sugars Ltd, (Formerly ICL Sugars Limited), Makavalli village, KR Pet Taluk, Mandya District</b>
Date of Visit	17.02.2017
Officers Accompanied	K.M.Lingaraju, SEO K.L.Savitha, RO
Person Contacted	C.Pavankumar – VP Ramakrishna, AGM-Engg

It is a sugar plat of 4800 TCD with Co-gen 15 MW unit for which the Board has issued consent under Water Act 1974 & Air Act 1981 on temporary basis for 12 weeks from the commencement of co-gen plant with conditions. The unit was visited in view of the instructions issued through e-mail dated 04.02.2017 under random inspection of organization identified based on computerized risk assessment. The unit was not in operation during visit and following are the observations.

- The industry has closed Crushing operations for the season on 13.02.2017 after crushing about 3,00,838 MT of cane. The Co-gen Plant which was commissioned on 10.10.2016 is also not in operation. During discussions the VP informed that Co-gen plant was stopped on 13.02.2017 after 127 days of operation. These operational figures indicates that the industry has operated both sugar and co-gen plant without having a valid consents of the Board as the consents granted were expired in second week of January 2017 itself.
- New Boiler of 140TPH has been installed with four field ESP followed by a chimney of height 90 Mts AGL and the same has been put into operation during the season. Two old boilers of 45TPH are kept idle and the planned to scrap these old boilers. All the three Boilers were not in operation during visit. For new Boiler online emission monitoring system has been installed (though it is not mandatory for sugar units as per CPCB directions) and the same is not connected to CPCB server. Also during visit the industry representative failed to demonstrate the operation of this online emission monitoring system. They were advised to set right the system and to connect the monitoring data to CPCB server before commissioning of Boiler.
- Two silos are provided for collection of Fly ash and Bottom ash separately and about 3200MT of ash generated during the season. During discussions the VP informed that fly ash has been given to farmers on request and to M/s Hima Enterprises where as bottom ash is used for land filling. Lot of ash deposits noticed near ESP and in silos area leading to fugitive emissions which indicates poor ash handling. The representatives were advised to explore the possibility of mixing the ash with Press Mud (about 11,924 MT generated during the current season) to avoid fugitive emissions and to submit detailed ash management plan immediately.
- About 300 MT of coal (ancillary fuel) is stocked in closed shed and coal dust deposits noticed near coal mill and coal handling area noticed.

- The industry has provided treatment system for the treatment of trade effluents and the same was in operation during visit. On-line effluents monitoring facility to check quality of treated effluents is provided and connected to CPCB server. The on-line monitoring system was in operation reading noticed are PH-7.49, BOD-4.1, COD-39.3, TSS-6.0, Temp-25.3 and flow 0.2 M3/hr. Poor housekeeping near ETP area and spar pond area noticed.
- Haphazard dumping of scrap, poor internal roads, open dumping of small quantity of press mud besides poor handling system, dumping of bagasse noticed. The industry has to take immediate action to address these issues and to adopt best practices to prevent/control fugitive emissions besides to improve environmental conditions within the premises.
- The industry is having large extent of vacant area within the premises wherein gardening/ plantation could be taken up to improve aesthetic condition.

The industry representatives were instructed to take immediate action to comply with the observations made and to submit report besides RO was instructed to issue notice and take follow-up action.

The photographs taken during visit are enclosed.

Encl. as above

**SEO-Dharwad**



**ESP for New Boiler**



**open dumping of Bagasse**



**Deposition of dust**



**Open dumping of Press mud ↑**



**Online monitoring system**



**Effluents carrying drains**

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No. PCB/SEO-DWD/Random IR/2017/

February 23, 2017

To,  
The Member Secretary  
KSPCB, Bengaluru 560001

**Kind Attn. CEO-1, 17 Category Section**

Sir,

**Sub: Random inspection of organization identified based on computerized risk assessment**

Ref: 1. Board Office Memo No. PCB/05/EGV-16/5724 dated 05.01.2017  
2. CEO-1 Letter No.PCB/05/Egv-16/1778 dated 02.07.2016

Adverting to the above M/s. **Coramandal Sugars Ltd, (Formerly ICL Sugars Limited), Makavalli village, KR Pet Taluk, Mandya District** was inspected along with SEO-Mysuru and Regional officer-Mandya on 17.02.2017 and report is enclosed herewith for further needful action.

Encl. as above

Yours faithfully

**SEO – Dharwad**

Copy to,

1. The Senior Environmental Officer, KSPCB, Mysuru for information.
2. The Regional Officer, KSPCB, No.D3/3364/KL 934, PES Engineering College Road (Behind Govt. College), Mandya for information and n/a.