



**CENTRAL POLLUTION CONTROL BOARD  
ZONAL OFFICE (SOUTH)  
BENGALURU**

**“Awareness programme for control of Pollution from Rice Mills” under  
Environmental Awareness programme**

**Background**

Central Pollution Control Board, Zonal Office (South), Bengaluru executed a project on “Pollution Assessment in Modern Rice Mills” during the financial year 2013-14, in which the pollution control measures installed by the rice mills was studied in few selected mills. The main pollution problem is due to the fugitive emission in the work environment occurs while handling (loading & unloading operation) of paddy, cleaning of paddy, milling of paddy, handling of Husk, boiler ash etc. and water pollution occurs during process for parboiled rice. The process of parboiling involves soaking, steaming etc., which requires a larger amount of water for soaking of the paddy and this discharge of soak water causes pollution problem.

Based on the study in rice mills it was concluded that the rice mills have provided fugitive emission control measures in certain sections of the mills. But it is possible to have/install fugitive emission control measures in all sections of the rice mills.

Central Pollution Control Board, Zonal Office (South), Bengaluru was keen to improve the implementation measures for control of pollution in modern rice mills. Initiation of first step was planned to educate the modern rice mills operators through mass awareness programme.

**“Awareness programme for control of Pollution from Rice Mills”**

CPCB in association with, Karnataka State Pollution Control Board, Regional Office, Tumkur has conducted an awareness programme on pollution problems due in Modern Rice Mills in Tumkur to address the issues.

Tumkur is 70 Km away from Bengaluru having population of 305821 as per 2011 census. Tumkur is densely populated by Modern Rice Mills, mainly produces steamed rice.

The official from CPCB, ZO(S), Bengaluru along with RO, KSPCB, Tumkur visited few rice mills on 11<sup>th</sup> November 2014 to have an idea about present status of implementation of pollution control measures adopted by the rice mills.

On 12<sup>th</sup> November 2014, an awareness programme was conducted, which was well attended by officials of KSPCB and office bearers of Rice Mills Owners Association & representatives of rice mills. Sh R. Rajkumar, EE, CPCB, ZO(S), Bengaluru delivered a lecture on **“BEST ENVIRONMENTAL PRACTICES IN RICE MILLS”**. The programme was actively participated by all stake holders and many technical issues were discussed and clarified. The copy of presentation is enclosed as Annexure.



On completion of the awareness programme, KSPCB has intimated the rice mill owners to implement the best possible control measures in all mills on time bound manner.



***The success story is that the project study conducted by Zonal Office was actually implemented in the field and paves the stone in minimisation of pollution activities in Tumkur area.***