

Workshop on New Waste Management Rules and Co- processing in cement plants

**15 March 2017
Vijayawada**

**Confederation of Indian Industry
CII – Sohrabji Godrej Green Business Centre**

Survey No. 64, Kothaguda Post, Near HITEC City

Hyderabad 500064



Confederation of Indian Industry



As a part of our capacity building activities, we have organised a half day workshop on New Waste Management Rules and Co-processing in cement plants on 15th March 2017 at Vijayawada.

The workshop was received well by stakeholders especially municipalities and cement plants with more than 50 participants. Member Secretary of Andhra Pradesh Pollution Control Board and Deputy Commissioner of Guntur Municipal Corporation participated in the program and delivered special address.



Theme Address is given by Mr Ulhas Parlikar, Chairman, CII Initiative on increasing Alternate fuel & Raw material usage in Indian Cement Industry.

During this session, Mr. Ulhas Parlikar presented about CII's Initiatives on increasing usage of AFR in Indian Cement industry – key milestones achieved in the initiative and way forward. In his presentation, he also shared the current challenges in MSW management in the country and how cement kiln co-processing can provide an effective solution for sustainable management of MSW in the country.



Special Address: Mr. B S S Prasad – Member Secretary – Andhra Pradesh Pollution Control Board

Special Address was delivered by **Mr B S S Prasad**, Member Secretary, Andhra Pradesh Pollution Control Board (APPCB). In his address, Member Secretary has mentioned about Andhra Pradesh (AP) State Government's initiative of setting up 10 no of Waste to Energy Plants for generating 63 MW of power from the 6500 tonnes of municipal waste being generated per day. He specified how cement kiln co-processing can support MSW management and what are the expectations from board on handling Industrial waste and Municipal wastes in cement plants. He also mentioned how resource conservation and reduced carbon emissions make a strong case for considering co-processing as a sound and better alternative for wastes disposal.



Special Address: Mr.D Srinivasa Rao – Deputy Commissioner, Guntur Municipality Corporation (GMC)

During this special address, Mr.D Srinivasa Rao – Deputy Commissioner of Guntur Municipality Corporation (GMC) has described about GMC's best practices adopted in waste management. He briefly explained about the initiative taken by GMC on MSW management process through vermicomposting.



Further he also mentioned about ongoing project of country's one of the largest waste to energy plant at Naidupet Village in Guntur District.

Session on New policy change in HWM and SWM rules: Ms.Mahima, Environmental Engineer, Central Pollution Control Board (CPCB)

During this session, CPCB official Ms.Mahima has presented about new waste management rules, especially on Hazardous waste management and solid waste management. She mentioned that Cement kiln co-processing has been mentioned as a preferable option in new rules for waste management over landfilling and incineration, since it is recovering the resources.



She also explained the current waste generation scenario in the country, salient features of regulations on Solid and Hazardous Waste Management; duties of waste generators, various ministries and Urban Local Bodies (ULB); major amendments and changes to earlier regulations on HWM and SWM rules.

Session on Latest guidelines for co-processing in cement plant: Mr.Rajendra Reddy, Joint Chief Environmental Engineer, Andhra Pradesh Pollution Control Board (APPCB)

His presentation explained about the latest guidelines for pre-processing and co-processing in Cement plants.

He explained, about the new guidelines and how this guidelines are encouraging cement plants to take up higher substitution of AFR.

He elaborated on PCB authorisation process for pre-processing and co-processing, regulatory requirements for packaging of Hazardous and other waste, global best practices on packaging of wastes, regulations on labelling, transportation and storage of waste. Session also elaborated about global best practices for pre-processing of waste into AFR and equipment required to be installed for pre-processing facility. The appropriate feed point of various type of AFR materials and prescribed emission standards for co-processing in cement kiln were also presented during the session.



Open discussions on waste management through co-processing

The final session is on open discussion on cement kiln co-processing for better waste management practices.

This session was moderated by Mr. Ulhas Parlikar, where all participants are encouraged to clarify their doubts on new rules and guidelines. Officials from cement plants and Municipalities posted questions and shared their views. Member Secretary and all senior officials were participated in the discussion.

