

## PROGRAM CONTENT

### Efficient Ways to Operate Boilers

- \* Bio mass boilers categorization and those performances
- \* Factors to be considered when bio mass boilers operation
- \* Fuel preparation , conditions and the variations affect to the efficiency
- \* Setting up of drive components & other auxiliaries and those affect to the efficiency
- \* Boiler maintenance techniques for efficient operation
- \* Energy saving techniques of bio mass boiler

### Emission Controlling and Monitoring

- \* Different flue gas control mechanisms and those performances
- \* Applicable emission standards for stationary combustion systems
- \* Pre facility requirements and arrangements for emission monitoring
- \* Operational factors affected to increase the emission and the ways to overcome those

### Further Details -

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## Workshop on "Efficient Way to Operate and Emission control of Bio Mas Boilers

Today, biomass has become a popular thermal energy generation source in industries due to the fluctuations of crude oil prices in the global market and industries are identified as sustainable manufacturers and their products are recognized as green products since the usage of environmental friendly energy sources. Furthermore, biomass is highly desired by the industries since it is considered as a zero emission energy source which has a closed loop in the perspectives of green house gases.



Even though this trend prevails currently, supply chain of biomass, and the sources of technical knowledge to effective operation and maintenance of boilers/combustion systems create number of issues .



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