

ULTRASONIC CLEANING OF EXHAUST GAS BOILER

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The basic principle of SONIC CLEANING is to create a sound wave with an energy level exceeding the forces that tend to make particles suspended in a gas flow to adhere to

each other and surrounding surfaces, i.e. preventing build up by breaking up the particles before they form a hard layer.

The cleaning result is achieved by activating one or more sound emitters at intervals and frequencies to suit to the specific conditions in the exhaust funnel uptake.

ADVANTAGES :-

The choice of Sonic Cleaning offers many advantages. Sonic Cleaning is a very cost-effective method for keep internal surfaces clean.

- The favourable economy is evident in low investment costs.*
- Using a continuous process for cleaning enhances more efficient heat exchange in the long term, which also results in better environmental characteristics.*
- The method of sonic cleaning works continuously during host operation.*
- The system will reduce/replace manual water washing.*
- Prevent stack fires*
- Reduce smoke density peaks.*
- Sonic cleaning also provides constant, lower back pressure for the turbo charger.*

Furthermore, boiler tube lifetime is prolonged considerably since the system unlike steam sootblowers operates dry. The reduction of soot accumulation is also important, and means no soot flakes on deck.