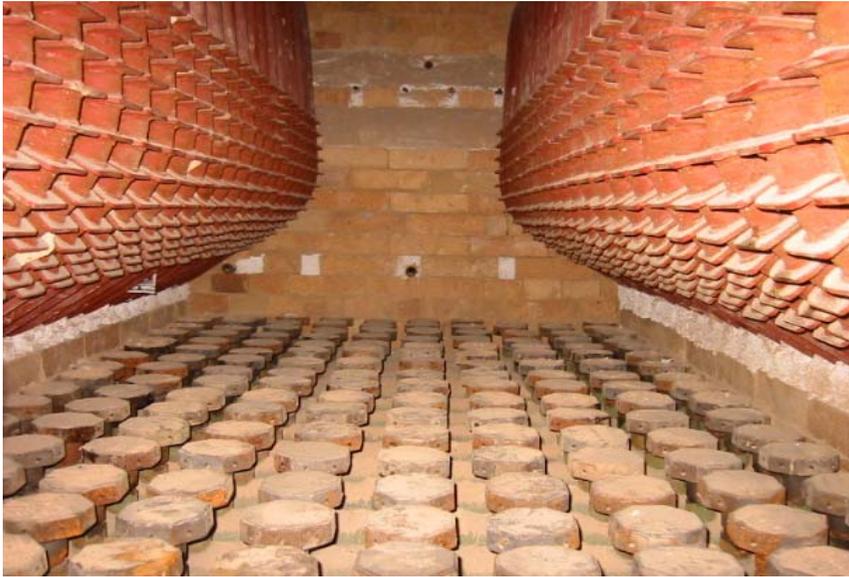


FBC AIR DISTRIBUTOR



Low temperature combustion 980 o C

FBC tubes which is emerged inside the dancing hot sand will have 5-6 times better co-efficient of heat transfer, thus enable to maintain the temperature of FBC combustion zone below 1000 o C which is below the ash melting point of most of the biomass and coal fuels.

And NO_x will not be formed under this low temperature.

Inside view of FBC furnace

FBC TUBE
area
980 o C

