

**BEFORE****AFTER**

VISTA COMBUSTION CATALYST

A Combustion Aid For Fossil & Agro Fuels

DESCRIPTION

VISTA COMBUSTION CATALYST (VCC) is an innovative chemical. When added to coal (peat, lignite, bituminous) , coke or agro fuels - Bagasse, rice husk, jute waste. It helps in proper burning to explore maximum heat value of fuel reduces ash deposition and fouling of boiler tubes, hot air duct, chimney etc.

VCC catalyses the combustion by generation of active oxygen which accelerates oxidation of carbon, hydrogen, hydro carbon, and cellulosic. This results in complete combustion and increase in heat output per unit of fuel burnt. When optimized saving in fuel consumption economizes fuel bill to the extent of 10 - 20%. As coal deposit is fast depleting saving not only preserves resources but reduces emission of green house gases (CO₂, NO_x, SO_x) responsible for global warming. In addition use of VCC reduces burn-out, devolatilization, shagging and fouling of combustion units of all types operating with coal & other solid fuels.

ADVANTAGES

- Reduces stock soot emission (air pollution).
- Reduces un burnt carbon in ash.
- Reduces corrosion of coal burner (pulverized firing system).
- Enhances carbon- oxygen reaction.
- Increases output of kilns, furnaces, boilers .

ADVANTAGES

- Better heat conduction — improved burning results in coal saving (10-20%) irrespective of firing system / pulverized or otherwise.
- Cleans the system removing unwanted residues
- Minimizes work rate of blower and suction fans (power saving)
- Enhances boiler life by reducing corrosion of met allies and refractories, fouling (deposition on convection heat surface, e.g. uper heaters and reheaters)

DOSAGE

Usually 0.5% by weight of coal, For 1 ton of coal burnt, 5 kg VCC is to be mixed with charge.

METHOD OF APPLICATION

Other than pulverized system of firing: The powder catalyst Can be conveniently spread the coal charge (nut, breeze or lump) @ 0.5% by weight of coal manually. Slurry of Catalyst in wafer Can be sprayed intimate mixing.

PULVERIZED SYSTEM OF FIRING

For thermal power or Other industries operating on pulverized Coal firing, a doser machine to installed to dose the catalyst either at pulverizer or on conveyor.

AREA OF USE

- Brick field • Sugar mills • Textile Processing • Confectionaries | Condiments • Glass Melting • Cement Kilns • Refractories | ceramics • Tea | Coffee • Producer | Water Gas Generator Metallurgy-smelting in cupola, etc.

SHELF LIFE

Best before 1 year in pocked condition.

STORAGE

To be stored in dry condition under shade, should not come in contact of flame or fire.



Manufactured & Marketed By:

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