

Why is catalyst necessary for enhanced combustion?

- ✓ Considerably cuts operation costs with reduced fuel usage through improved combustion efficiency
- ✓ Reduced emissions as well as reduced carbon and slag deposits
- ✓ Can be automated for process control
- ✓ Only 200 grams of catalyst per 1 tonne of coal
- ✓ Catalyst typically reduces direct operation costs by more than the cost of the catalyst
- ✓ Environmentally friendly and non-hazardous
- ✓ Minimal capital investment
- ✓ Extensive Track Records all over the world, new in North America

For further information or a free estimate to provide the potential operating cost savings and reduced emissions, please contact

AIRBORNE International Holdings Corp.

448 42 Ave SE, Calgary, Alberta, T2G1Y4
Office: 403-253-7887,
d.mortson@airbornecleanenergy.com,
www.airbornecleanenergy.com



AIRBORNE **INTERNATIONAL HOLDINGS**

Clean Coal

Green Power

Fresh Air

Reduced Costs

Less Maintenance

Through Better Combustion

www.airbornecleanenergy.com



AIRBORNE

Airborne twice winners of US Department of Energy Awards for their pollution control system and recently nominated by the United Nations International Development organization is pleased to announce in North America, Chinco Fireside Treatment (www.chinco.co.za)



The Coal Catalyst

Our coal catalyst dramatically improves boiler efficiency by optimizing combustion conditions and improving boiler heat transfer.



Typically more than pays for itself through fuel savings alone. Also allows savings in reduced emission control cost, and the significant reduction in boiler maintenance cost and down-time!



Only 200 grams of non- hazardous coal catalyst is required per tonne of coal! This is possible because the catalyst is not consumed in the reaction.



Expected to reduce coal consumption by 2 - 8% or more, particulate matter by 20%, SO_x and NO_x emissions by 35% and CO₂ emissions from 2 - 8%.



Lower combustion temperatures, speeds up combustion, reducing carbon and slag deposits, and reduces the quantity of coal required for the same amount of heat.

200grams Catalyst/1Tonne Coal