

CHINCO FIRESIDE TREATMENT CC



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23RD APRIL 2015

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[SENT VIA E MAIL. JURGENS@MONTIGNY.CO.SZ]

SIRS

RE: CHINCO COMBUSTION CATALYST USED IN BIO-FUEL/ WOODCHIP BOILER.

WE ARE PLEASED TO ADVISE THAT THE RESULTS SINCE THE ADDITION OF OUR COMBUSTION CATALYST TO YOUR WOOD CHIP COMBUSTING BOILER HAVE EXCEEDED EVEN OUR FORECASTS!

THE ATTACHED PHOTOS PLUS THE LAB RESULTS FROM INSPECTORATE M & L ON THE ANALYSIS OF THE ASH SAMPLES ARE FOR YOUR RECORDS.

THE WASTED/UNBURNT CARBON IN THE BOTTOM ASH HAS DROPPED FROM THE 67.5% TO A MERE 5.3%. THIS MASSIVE DIFFERENCE WAS BROUGHT ABOUT BY THE IMPACT OUR CATALYST HAS ON THE COMBUSTION OF ALL CARBON CONTAINING FUELS INCLUDING COAL AND BIO-FUEL. THE "BEFORE" ASH PHOTO INDICATES IT HAS BEEN MOSTLY CHARRED IN THE OVEN INSTEAD OF THE "AFTER" RESULT INDICATING A PROPER COMBUSTION PROCESS WHERE THE WOOD HAS IN FACT "BURNT OUT". THE EXACT SAME RESULTS WERE OBTAINED ON WOOD BARK DUTCH OVENS IN GREYTOWN AND IN BIO-FUEL BOILERS IN THAILAND.

TO ILLUSTRATE THE DIFFERENCE AND ADDITIONAL BENEFIT IN 'CHARRING/SMOKING' OF WOOD CHIPS COMPARED TO CATALYST ASSISTED WOOD CHIP 'BURNING' WE ATTACH A PHOTO OF THE SMOKE STACK OF A FACTORY IN BANGKOK IN MARCH 2015. THIS WAS ACHIEVED IN A SINGLE DAY. THE REDUCTION IN SMOKE PLUS DANGEROUS EMISSIONS IS CLEARLY VISIBLE WITH THE NAKED EYE.

WE ARE VERY PLEASED TO HEAR FROM YOU THAT THE CLEANLINESS OF THE INTERIOR OF THE BOILER HAS IMPROVED BY MORE THAN 50%. THE PHOTO OF THE KLINKER WAS TAKEN OF THE PIECES YOU REMOVED BEFORE THE STARTING OF THE TREATMENT. OUR TECHNICIAN SAYS THAT ON HIS INSPECTION YESTERDAY HE FOUND SOLID BUT SOFT FRIABLE MUD-LIKE BUILD-UP INSTEAD OF THE NORMAL ROCK HARD MOLTEN PIECES AS PER THE PHOTO.

WE WOULD GREATLY APPRECIATE YOUR COMMENTS AND OBSERVATIONS ON THE USE OF THE CHINCO CATALYST.

KIND REGARDS

TP ROBERTS CEO.

MEMBERS: MR. TP ROBERTS CEO; MR. A ROBERTS: MR. L ROBERTS.



INSPECTORATE

CLIENT: CHINCO FIRESIDE TREATMENT CC

SUBJECT: 2 SAMPLES SUBMITTED BY CHINCO FIRESIDE TREATMENT CC FOR ANALYSIS

JOB NO.: 15/00664/M

DATE: 22/04/2015

Sample Name	Air Dry Basis		
	Moisture in Analysis Sample %	Ash Content (ISO) %	Total Carbon %
Red Bottle Marked 1. Before Chinco	10.5	32.5	67.5
Blue Bottle Marked 2. After Chinco	0.4	95.3	5.3

Method Reference	
Sample Preparation	ISO 18283
Moisture %	ISO 11722
Ash %	ISO 1171
Ultimates %	ASTM D5373

RESULTS REPORTED RELATE ONLY TO ITEMS TESTED

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Montigny, Swaziland
Woodchip Ash 6Jan 2015
[Before Chinco]



Montigny, Swaziland
Woodchip Ash 4Feb'15
[Using Chinco catalys



With Chinco 4Feb.



Before: 6Jan15



