

## CERTIFICATE OF TEST

For Pulverised fuel ash in accordance with  
**BS EN 450-1:2005. Fineness Category N Loss on Ignition Category A**  
**Source : Longannet**  
 Sampling Period: - September 2009

Test	Units	Value
Fineness (Residue on 0,45 micron sieve) <b>Declared Fineness 15%</b>	%	14.97
Loss on Ignition	%	3.31
Particle Density <b>Declared 2200Kg/M3</b>	Kg/m <sup>3</sup>	2260
*Initial Setting Time (Ratio – see below) 25% PFA –test cement	Mins.	1.3
28 day Activity Index	%	77.00
SiO <sub>2</sub> + Al <sub>2</sub> O <sub>3</sub> + Fe <sub>2</sub> O <sub>3</sub>	%	83.27
Sulphuric Anhydride	%	0.60
Chloride Content	%	0.00
Calcium Oxide Content	%	2.95
Alkali Na <sub>2</sub> O EQ	%	2.20

\* Represents ratio = Setting time of Test cement + EN450 / Setting time of test cement (Limit = 2)



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