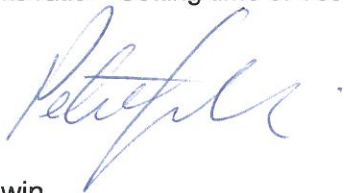


CERTIFICATE OF TEST

For Pulverised fuel ash in accordance with
BS EN 450-1:2005. Fineness Category N Loss on Ignition Category A
Source : Longannet
 Sampling Period: - May 2010

Test	Units	Value
Fineness (Residue on 0,45 micron sieve) Declared Fineness 15%	%	14.82
Loss on Ignition	%	2.82
Particle Density Declared 2200Kg/M3	Kg/m ³	2160
*Initial Setting Time (Ratio – see below) 25% PFA –test cement	Mins.	1.4
28 day Activity Index	%	88.00
SiO ₂ + Al ₂ O ₃ + Fe ₂ O ₃	%	84.41
Sulphuric Anhydride	%	0.51
Chloride Content	%	0.00
Calcium Oxide Content	%	5.70
Alkali Na ₂ O EQ	%	2.75

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



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