

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: - February 2010

Test	Units	Value
Fineness (Residue on 0,45 micron sieve) Declared Fineness 15%	%	13.14
Loss on Ignition	%	2.77
Particle Density Declared 2200Kg/M3	Kg/m ³	2240
*Initial Setting Time (Ratio – see below) 25% PFA –test cement	Mins.	1.5
28 day Activity Index	%	81.00
SiO ₂ + Al ₂ O ₃ + Fe ₂ O ₃	%	85.46
Sulphuric Anhydride	%	0.38
Chloride Content	%	0.01
Calcium Oxide Content	%	2.80
Alkali Na ₂ O EQ	%	2.09

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

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