

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: - January 2010

Test	Units	Value
Fineness (Residue on 0,45 micron sieve) Declared Fineness 15%	%	14.63
Loss on Ignition	%	2.89
Particle Density Declared 2200Kg/M3	Kg/m ³	2180
*Initial Setting Time (Ratio – see below) 25% PFA –test cement	Mins.	1.3
28 day Activity Index	%	77.00
SiO ₂ + Al ₂ O ₃ + Fe ₂ O ₃	%	85.82
Sulphuric Anhydride	%	0.55
Chloride Content	%	0.01
Calcium Oxide Content	%	3.40
Alkali Na ₂ O EQ	%	2.41

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

Peter Goodwin
Lab Co-ordinator




ScotAsh Limited,
Longannet Power Station,
Kincardine FK10 4AA
Scotland.

Telephone: 01259 730110

Facsimile: 01259 731055