



## CHEMICAL ANALYSIS RESULTS

The sample was tested following the methods given in BS EN 196-2:2013.

Additions and modifications have been made in accordance with the external UKAS accredited test house's procedures.

### Scunthorpe GGBS Spot Sample

Sample Period : **July 2019**

#### Chemical Composition %

|  |      |                            |      |
|--|------|----------------------------|------|
| <b>SiO<sub>2</sub></b>                   | 36.1 | <b>S<sup>t</sup></b>       | 0.89 |
| <b>Al<sub>2</sub>O<sub>3</sub></b>       | 12.9 | <b>S<sup>2-</sup></b>      | 0.81 |
| <b>Fe<sub>2</sub>O<sub>3</sub></b>       | 0.5  | <b>SO<sub>3</sub></b>      | 0.20 |
| <b>CaO</b>                               | 40.7 | <b>L.O.I.</b>              | 1.36 |
| <b>MgO</b>                               | 8    | <b>I.R.</b>                | 0.46 |
| <b>MnO</b>                               | 0.4  | <b>C</b>                   | 0.11 |
| <b>Mn<sub>2</sub>O<sub>3</sub> Calc.</b> | 0.5  | <b>Cl</b>                  | 0.05 |
| <b>TiO<sub>2</sub></b>                   | 0.8  | <b>Glass Content - XRD</b> | 98   |

**Relative Density** g/cm<sup>3</sup> 2.890

#### Slag 'Rapid Cooling' Method

The majority of the feed is manufactured by granulation, though on occasion a proportion of it may be by pelletisation.

The GGBS contained no additional materials other than those permitted. The above results and other tests demonstrate the conformity of the material sold during the month to the requirements of EN 15167-1:2006



1333 - CPR - 00194

Signed:

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