




**Reference Number DOC/LKAB/GGBS/00194**

| <b>Declaration of Conformity</b>   |   |                                      |
|--|---|--------------------------------------|
| Product Name and Identification  | Ground Granulated Blastfurnace Slag (GGBS) (Type II addition) as covered by the scope within BS EN 15167-1:2006 Annex ZA  |                                      |
| Place of Manufacture   | LKAB Minerals Scunthorpe Works  |                                      |
| Address  | Brigg Road, Scunthorpe, North Lincolnshire, DN16 1AW.   |                                      |
| Intended Use   | Preparation of concrete, mortar, grout and other mixtures including the manufacture of construction products  |                                      |
| System of assessment and verification of constancy of performance                              | System 1+   |                                      |
| Certified body of assessment, verification certificate number and date of verification granted | Notified body No. 1333 (CPC) performed assessment and verification of constancy of performance as stated in the certificate No. 1333-CPR-00194 granted 31 <sup>st</sup> July 2015.  |                                      |
| Address of certified body  | QSRMC, 1 Mount Mews, High Street, Hampton, Middlesex, TW12 2SH.   |                                      |
| <b>Essential Characteristics</b>   | <b>Performance</b>  | <b>Harmonised Technical Standard</b> |
| Compressive Strength (Activity Index)  | Pass  | BS EN 15167-1:2006                   |
| Initial Setting Time   | Pass  |                                      |
| Fineness   | Pass  |                                      |
| Composition-Magnesium Oxide  | Pass  |                                      |
| Composition-Sulfide  | Pass  |                                      |
| Composition-Sulfate  | Pass  |                                      |
| Composition-Loss On Ignition   | Pass  |                                      |
| Composition-Chloride Content   | Pass  |                                      |
| Composition-Moisture Content   | Pass  |                                      |
| Durability   | Ground Granulated Blastfurnace Slag conforming to the standard EN 15167-1:2006 is deemed to provide a durable concrete when other requirements for durability of concrete in relevant standards and/or regulations valid in place of use are fulfilled. |                                      |
| Release of Dangerous Substances and Emissions of Radioactivity                                 | No requirements are included within BS EN 15167:2006 see note 1 of annex ZA   |                                      |
| Signed representative of the Manufacturer by:  |    | Full Name: Lee Bontoft               |
| Position   | Technical Manager (GGBS)  | Date: 12 <sup>th</sup> December 2019 |