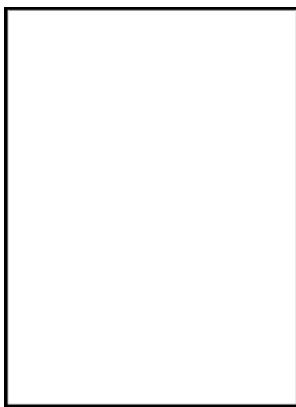


Influence of autoclave curing to the strength development of concrete containing pozzolanic cement replacements.

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Description: -

-influence of autoclave curing to the strength development of concrete containing pozzolanic cement replacements.

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Notes: Dissertation (B.Sc. Building Engineering and management) - University of Brighton.

This edition was published in 1996



Filesize: 59.75 MB

Tags: #Influences #of #steam #and #autoclave #curing #on #the #strength #and #chloride #permeability #of #high #strength #concrete

Effects of autoclave curing and fly ash on mechanical properties of ultra

Thermogravimetry analysis, compressive strength and thermal conductivity tests of non-autoclaved aerated Portland cement—fly ash—silica fume concrete. Thermogravimetry of ternary cement blends, effect of different curing methods.

The influence of ingredients on the properties of reactive powder concrete: A review

However, for the replacement of fine aggregate by 10% and 20% tailings, there was a smaller mass loss than control concrete.

Utilization of tailings in cement and concrete: A review

Antoni M, Rossen J, Martirena F, Scrivener K. The mixing ratio listed in Table 1 was chosen as the control group of specimens.

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Show more 6 The scope of the work is to investigate the behavior of concrete produced by replacing some percentage of ordinary Portland cement OPC with rice husk ash.

The influence of ingredients on the properties of reactive powder concrete: A review

The RHA used in this study is efficient as a pozzolanic material; it is rich in amorphous silica 88. With the increase of the ratio of 0-1 mm sintered bauxite to 1~3mm sintered bauxite, the strength of the UHPFRC increased. The Chinese government published a report that the number of tailings produced in China in 2013 was 1.

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Han SH, Kim JK, Park YD. In the process of condensation, hydration reaction and pozzolanic activity produce crystal and gel body.

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Test results indicated that steam curing decreased the 28 days compressive strength of plain concrete by 11 %. Fechet, the influence of mine tailings and oily sludge on the Portland cement clinker manufacture, Revista Romana De Materiale-Romanian Journal of Materials 47 2 2017 176-182. Show more 123 Rice Husk is generated from rice in industries as a major agricultural by product in many parts of world.

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Rice Husk Ash RHA is used as partial replacement for Ordinary Portland Cement OPC. Reactive Powder Concrete is a type of ultra-high-performance concrete. The compressive strength and thermal conductivity of aerated concrete cured in water had higher values than air-cured specimens.

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