Abstract of the Disclosure

A new cement composition having the same fresh properties as general cement clinkers and good early and medium to long-term strength development characteristics is provided. The cement composition comprises a cement clinker baked at a relatively lower temperature and an increased amount of wastes. In the cement clinker, the total content of C_3A and C_4AF is 22% or more, the content of C_3S is 60% or more both according to Bogue's formulas, and the iron modulus（I.M.= Al_2O_3/Fe_2O_3 ）is 1.3 or less. The cement composition has a SO_3 content of 2.3 to 3.3 mass% relative to the total amount of cement clinker and gypsum.