Claims

1. A hydraulic composition comprising: a cement clinker having the total content of C_3A and C_4AF of 24 mass% or more, a C_3S content of 63 mass% or more, and an iron modulus（I.M.）not less than 1.14 and not more than 1.27; calculated by the Bogue's formulae; gypsum; blast furnace slag; and limestone without fly ash,

characterized in that the content of blast furnace slag is 5 mass%, the content of limestone is 5 mass%, and the content of gypsum in reduction to SO_3 is 2 plus-minus 0.2 mass% in the hydraulic composition.

2. The hydraulic composition according to claim 1, characterized in that the cement clinker consists of: C_3A; C_4AF; C_3S; and C_2S and

has a composition of: calculated by the Bogue's formulae,

the total content of C_3A and C_4AF not less than 24 mass% and not more than 32 mass%; the content of C_4AF not less than 15 mass%;

the C_3S content not less than 63 mass% and not more than 65 mass%; and

a C_2S content is not less than 3 mass% and not more than 13 mass%.

3. The hydraulic composition according to claim 1 or 2, characterized in that the content of blast furnace slag is 5.0 mass% and the content of limestone is 5.0 mass%.

4. A production method of a hydraulic composition comprising: producing a cement clinker by baking a mixture of a CaO source; an SiO_2 source; an Al_2O_3 source; and a Fe_2O_3 source at a temperature not less than 1300 degree Celsius and not more than 1400 degree Celsius such that the resultant cement clinker has the total content of C_3A and C_4AF of 24 mass% or more; a C_3S content of 63 mass% or more; and an iron modulus（I.M.）not less than 1.14 and not more than 1.27, calculated by the Bogue's formulae, and

adding gypsum; blast furnace slag; and limestone, without fly ash, to the cement clinker after cooling such to produce a hydraulic composition that the content of blast furnace slag is 5 mass%, the content of limestone is 5 mass%, and the content of gypsum in reduction to SO_3 is 2 plus-minus 0.2 mass% in the hydraulic composition.

5. A production method of the hydraulic composition according to claim 4, characterized in that the cement clinker is produced such that the cement clinker consists of: C_3A; C_4AF; C_3S; and C_2S and

has a composition of: calculated by the Bogue's formulae,

the total content of C_3A and C_4AF not less than 24 mass% and not more than 32 mass%; the content of C_4AF not less than 15 mass%;

the C_3S content not less than 63 mass% and not more than 65 mass%; and

a C_2S content is not less than 3 mass% and not more than 13 mass%.

6. A production method of the hydraulic composition according to claim 4 or 5, characterized in that the content of blast furnace slag is 5.0 mass% and the content of limestone is 5.0 mass%.