CLAIMS

1. A cement composition having a V content of 0.0063 to 0.012% by mass.

2. The cement composition according to claim 1, which has a Sr content of 0.035 to 0.08% by mass.

3. The cement composition according to claim 1 or 2, which has a Mo content of 0.0002 to 0.007% by mass and a MgO content of 1 to 3% by mass.

4. The cement composition according to any one of claims 1 to 3, which is obtainable by using a cement clinker having a SO_3 content of 0.2 to 1.2% by mass.

5. The cement composition according to any one of claims 1 to 4, which has a SO_3 content of 1.6 to 2.5% by mass.

6. The cement composition according to any one of claims 1 to 5, which has an R_2O content of 0.3 to 0.6% by mass.

7. The cement composition according to any one of claims 1 to 6, which has a C_3S content of 45 to 70% by mass, a C_2S content of 5 to 25% by mass, a C_3A content of 6 to 15% by mass, and a C_4AF content of 7 to 15% by mass.

8. A method for producing a cement composition, the method comprising the steps of:

(A) controlling the raw material unit consumption of a raw material for cement clinker selected from the group consisting of limestone, silica, coal ash, clay, blast furnace slag, soil generated by construction, sewage sludge, a hydrocake, and an iron source so that the resultant cement composition has a V content of 0.0063 to 0.012% by mass, and subjecting the raw material having the controlled unit consumption to calcination to produce a cement clinker; and

(B) pulverizing the produced cement clinker, together with gypsum and an additive material.

CLAIMS

[Claim 1]

A cement composition having a V content of 0.0063 to 0.012% by mass, a Sr content of 0.035 to 0.08% by mass, a C_3S content of 45 to 70% by mass, a C_2S content of 5 to 25% by mass, a C_3A content of 6 to 15% by mass, and a C_4AF content of 7 to 15% by mass.

[Claim 2]

The cement composition according to claim 1, which has a Mo content of 0.0002 to 0.007% by mass and a MgO content of 1 to 3% by mass.

[Claim 3]

The cement composition according to claim 1 or 2, which uses a cement clinker having a SO_3 content of 0.2 to 1.2% by mass.

[Claim 4]

The cement composition according to any one of claims 1 to 3, which has a SO_3 content of 1.6 to 2.5% by mass.

[Claim 5]

The cement composition according to any one of claims 1 to

4, which has an R_2O content of 0.3 to 0.6% by mass.

[Claim 6]

A method for producing a cement composition, the method comprising the steps of:

(A) controlling the raw material unit consumption of a raw material selected from the group consisting of limestone, silica stone, coal ash, clay, blast furnace slag, soil generated by construction, sewage sludge, a hydrocake, and an iron source so that the resultant cement composition has a V content of 0.0063 to 0.012% by mass, a Sr content of 0.035 to 0.08% by mass, a C_3S content of 45 to 70% by mass, a C_2S content of 5 to 25% by mass, a C_3A content of 6 to 15% by mass, and a C_4AF content of 7 to 15% by mass, and subjecting the raw material having the controlled unit consumption to calcination to produce a cement clinker; and

(B) pulverizing the produced cement clinker, together with gypsum and an additive material.