























Use of Special Chemicals to Enhance
Concrete Durability

In the specifications of Hong Kong, they generally involve factors such as:

Standards for raw materials
Minimum and/or maximum cementitious content
Initial chloride content
Placing temperature
Limit on reactive alkali – i.e. Alkali-aggregate reaction (AAR) control
Water to cementitious ratios

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Tasks of the concrete producers/designers are:

To decide the most economical and practical combination of readily available materials.

To produce a concrete that will meet requirements as stated in the specifications.

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