

Methods of testing concrete

Method 8.1: Method for making and curing concrete— Compression and indirect tensile test specimens

1 SCOPE

This Standard sets out the method for the making and curing of compression and indirect tensile test specimens of concrete sampled in the laboratory or in the field.

NOTE: This Standard may involve hazardous materials, operations, and equipment. This Standard does not purport to address all of the safety problems associated with its use. It is the responsibility of the user of this Standard to establish appropriate safety and health practices and to determine the applicability of regulatory limitations prior to use.

2 REFERENCED DOCUMENTS

The following documents are referred to in this Standard:

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| 1012 | Methods of testing concrete |
| 1012.1 | Method 1: Sampling of fresh concrete |
| 1012.2 | Method 2: Preparation of concrete mixes in the laboratory |
| 1012.3.1 | Method 3.1: Determination of properties related to the consistency of concrete—Slump test |
| 1012.3.2 | Method 3.2: Determination of properties related to the consistency of concrete—Compacting factor test |
| 1012.3.3 | Method 3.3: Determination of properties related to the consistency of concrete—Vebe test |
| 1012.3.4 | Method 3.4: Determination of properties related to the consistency of concrete—Compactibility index |
| 1012.4.1 | Method 4.1: Determination of air content of freshly mixed concrete—Measuring reduction in concrete volume with increased air pressure |
| 1012.4.2 | Method 4.2: Determination of air content of freshly mixed concrete—Measuring reduction in air pressure in chamber above concrete |
| 1212.4.3 | Method 4.3: Determination of air content of freshly mixed concrete—Measuring air volume when concrete dispersed in water |
| 1012.9 | Method 9: Determination of the compressive strength of concrete specimens |

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| 1152 | Test sieves |
| 2758 | Aggregates and rock for engineering purposes |
| 2758.1 | Part 1: Concrete aggregates |