

**BUILDING MATERIALS**

**CONCRETE**

**LABORATORY AND TESTING**

**STANDARD ENGINEERING SPECIFICATIONS**

Issued  
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Revised

SB-5-A

1. **GENERAL** - Standard Engineering Specification SC-1-A applies to and is part of this specification.

2. **LABORATORY** - Wherever a "Testing Laboratory" is referred to in the Project Specifications or Standard Engineering Specifications it shall be understood to mean a laboratory selected by du Pont.

All costs incurred in connection with sampling and testing, including laboratory fees, shall be paid for by du Pont.

3. **TESTS** - and analyses shall be made on concrete and concrete materials as outlined in the applicable A.S.T.M. specification or noted below, except when such tests, in whole or in part, are waived by du Pont. Tests may be waived when reliable records, acceptable to du Pont, exist of tests performed on materials used on contemporary work and which originated from the same source as materials proposed for use on this project. Testing methods shall be in accordance with the applicable A.S.T.M. specifications unless otherwise noted.

Water Quality - test shall be made in accordance with the method outlined in A.A.S.H.O.:T26.

Concrete Strength - tests shall be made, as required, for the purpose of determining proportions of concrete ingredients, together with tests on field cylinders, obtained in accordance with the requirements of Standard Engineering Specification SB-6-A.

Entrained Air - tests for determining air content shall be made when air-entraining cement is used.