

SP-5569
10-17-68**3:06** Cement

- 3:06.1 All cement shall be Portland Cement conforming to "Portland Cement, Spec. for," ASTM C 150-67, Type II, for moderate heat hydration. All cement shall be confined to a single brand and whenever required by the OWNER, shall be sampled and tested by the TESTING LABORATORY to ascertain conformance with ASTM C 150-67, Type II. All cement shall have an established reputation for being uniform in character and shall be approved in writing by OWNER.
- 3:06.2 The manufacturer shall submit certified copies of mill test reports to the OWNER showing chemical composition and certifying that the cement complies with the Specifications.
- 3:06.3 The SUPPLIER shall store the cement in a dry place and in such a manner as to permit easy access for proper inspection and identification of each shipment. All cement stored at the mixing plant or construction site more than six months shall be resampled and tested before used.

3:07 Aggregates**3:07.1** Fine Aggregates:

Fine aggregate shall conform to ACI 301-66. Only natural sand shall be used. Samples of the proposed aggregate shall be submitted to the TESTING LABORATORY for testing to insure compliance with "Concrete Aggregates, Spec. for," ASTM C 33-67. The aggregate shall not be used unless approved by the OWNER in writing after the results of the test have been ascertained. The source of the fine aggregate shall not be changed without the written approval of the OWNER.

3:07.2 Coarse Aggregate:

Coarse aggregate shall conform to ACI 301-66. Samples of the proposed aggregate shall be submitted to the TESTING LABORATORY for testing to insure compliance with "Concrete Aggregates, Spec. for," ASTM C 33-67. The aggregate shall not be used unless approved by the OWNER in writing after the results of the test have been ascertained. The source of the coarse aggregate shall not be changed without the written approval of the OWNER.

3:08 Water

Independent lab tests furnished by the SUPPLIER, of batch plant water shall be submitted initially and periodically as requested by OWNER to insure the mixing water shall be clean and potable, and shall not contain greater than 100 ppm each of chlorides, sulfides, and nitrates, and the turbidity shall not exceed 2000 ppm.

GILBERT ASSOCIATES, INC.

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