**PART 1 – GENERAL**

* 1. **SECTION INCLUDES**
1. Testing and inspection services to meet requirements of the California Building Code (CBC), Title 24, Parts 1 and 2, as indicated on the Drawings.

 B. Tests of materials are required by a current DSA certified testing agency as set forth in the Section 4-335 of the California Building Standards Administrative Code.

* 1. **RELATED SECTIONS**

Provisions of the General Conditions, Supplemental Conditions and Division 01 apply to this Specification. Specifications that are referenced or related may include:

 A. Section 01 31 13: Project Coordination

 B. Section 01 73 29: Cutting and Patching

 C. Section 01 33 00: Submittals

 D. Section 01 32 13: Construction Project Schedule

 E. Section 01 50 00: Construction Facilities and Temporary Controls

 F. Section 01 61 00: Materials and Equipment

 G. Section 01 78 36: Warranties and Bonds

 H. Section 01 77 00: Contract Closeout

**PART 2 – PRODUCTS** (Not used)

**PART 3 – EXECUTION**

**3.01 TESTS**

A. OWNER will select and provide an independent and current DSA certified testing agency (the agency) to conduct test, sampling, and testing of materials. Selection of material to be tested shall be by the agency and not by the CONTRACTOR.

B. Any material shipped from the source of supply prior to having satisfactorily passed such testing and inspection, or prior to the receipt of notice from PI such testing and inspection is not required, shall not be incorporated in the Work.

C. OWNER will select, and directly reimburse, the agency for costs of all DSA required tests and inspections; however, the agency but may be reimbursed by CONTRACTOR for such costs as specified or noted in related sections of the Contract Documents.

D. The independent testing agency is not authorized to release, revoke, alter, or enlarge requirements of the Contract Documents or approve or accept any portion of the Work.

E. The agency shall not perform any duties of CONTRACTOR.

F. CONTRACTOR shall provide an insulated curing box with the capacity for twenty (20) concrete cylinders and will relocate said box and cylinders as rapidly as required in order to provide for progress of the Work.

**3.02 TEST REPORTS**

A. Test reports shall include all tests performed, regardless of whether such tests indicate the material is satisfactory or unsatisfactory. Samples taken but not tested shall also be reported. Records of special sampling operations, when and as required, shall also be reported. Reports shall indicate the material (or materials) was sampled and tested in accordance with requirements of CBC, Title 24, Parts 1 and 2, as indicated on the Drawings. Test reports shall indicate specified design strength and specifically state whether or not the material (or Materials) tested comply with the specified requirements.

**3.03 VERIFICATION OF TEST REPORTS**

A. Each testing agency shall submit to the Division of the State Architect, in duplicate, a verified report covering all tests required to be performed by that agency during the progress of the Work. Such report, covering all required tests, shall be furnished prior to Substantial Completion and/or, when construction on the Work is suspended, covering all tests up to the time of Work suspension.

**3.04 INSPECTION BY OWNER**

A. OWNER, and its representatives, shall have access, for purpose of inspection, at all times to all parts of the Work and to all shops wherein the Work is in preparation. Contractor shall, at all times, maintain proper facilities and provide safe access for such inspection.

B. OAR shall have the right to reject materials and/or workmanship deemed defective Work and to require correction. Defective workmanship shall be corrected in a satisfactory manner and defective materials shall be removed from the premises and legally disposed of without charge to OWNER. If CONTRACTOR does not correct such defective Work within a reasonable time, fixed by written notice and in accordance with the terms and conditions of the Contract Documents, OWNER may correct such defective Work and proceed in accordance with related Articles of the Contract Documents.

 C. CONTRACTOR is responsible for compliance to all applicable local, state, and federal regulations regarding codes, regulations, ordinances, restrictions, and requirements.

**3.05 PROJECT INSPECTOR**

A. A Project Inspector (PI) shall be employed by OWNER in accordance with requirements of Title 24 of the California Code of Regulations with their duties specifically defined therein. Additional DSA certified inspectors may be employed and assigned to the Work by OWNER in accordance with the requirements of California Building Standards Administrative Code with their duties as specifically defined in Section 4-333(b).

 B. Inspection of Work shall not relieve CONTRACTOR from any obligation to fulfill all terms and conditions of the Contract Documents.

 C. CONTRACTOR shall be responsible for scheduling times of inspection, test, sample taking, and similar activities of the Work.

**3.06 TESTS AND INSPECTIONS**

 Test and Inspections will be per DSA Form 103 as DSA-approved with Drawings and Specifications.

**END OF SECTION**