

SECTION 01450 QUALITY CONTROL

PART 1 GENERAL

1.1 SECTION INCLUDES:

- A. Contractor 's quality control responsibilities
- B. Test report submittal requirements
- C. Authority of Contractor's testing agency

1.2 MATERIALS

- A. Material furnished from sources which have recently been found satisfactory under Owner's or Engineer's normal testing and sampling procedures may be used in the Work.
- B. Materials which are supported with a supplier's certificate of compliance may be used in the Work. Certificate must be in possession of Contractor and reviewed by Engineer prior to use.

1.3 WORKMANSHIP

- A. Maintain performance control and supervision over subcontractors, suppliers, manufacturer's, products, services, workmanship, and site conditions, to produce work in accordance with Contract Documents.
- B. Comply with industry standards except when more restrictive tolerances or specified requirements indicate more rigid standards or more precise workmanship.
- C. Provide suitable qualified personnel to produce specified quality.
- D. Ensure finishes match approved samples.

1.4 CONTROL TESTING

- A. Perform testing to control procedures and materials as necessary to assure the Work complies with the Contract Documents.
- B. Provide more testing, if, in Engineer's opinion, work is not being adequately controlled.
- C. Immediately report any non-compliance of materials and mixes to Engineer.
- D. When an out-of-tolerance condition exists, perform additional control testing until tolerance is attained.
- E. Correlate Contractor's control testing with Engineer's acceptance testing procedures.

1.5 SUBMITTALS- CONTRACTOR

- A. Prior to starting Work, submit:
 - 1. Testing agency's name, address, telephone number
 - 2. Testing agency person who is charged with engineering managerial responsibility.
 - 3. Licensed professional engineer on testing agency staff who is to review services.
- B. During construction, submit: Quality control test data requested by Engineer to demonstrate contract compliance of work performed.

1.6 SUBMITTALS- TESTING AGENCY

- A. General: On all reports include the following:
 - 1. Project title, number and date of the report.
 - 2. Date, time, and location of the test.
 - 3. Name and address of material Supplier.
 - 4. Identification of product being tested and type of test performed.
 - 5. Identify whether test is initial test or retest.
 - 6. Results of testing and interpretation of results.
 - 7. Name of technician who performed the testing.
- B. During construction: Submit to Engineer and Contractor the following reports:
 - 1. Field Test Report: Submit the report no later than the end of the day the test results are determined.
 - 2. Laboratory Test Report: Submit the report within 48 hours after test results are determined.
 - 3. Final Summary Report: After the Work is Substantial Complete, submit a report to the Engineer and Contractor which shows all test results in tabular form. Show each failed test result and its corresponding passing test result.

1.7 LIMITS ON TESTING AGENCY AUTHORITY

- A. Agency may not release, revoke, alter, or enlarge on requirements of Contract Documents.
- B. Agency may not suspend Work.
- C. Agency has no authority to determine acceptance of Work for Engineer.

1.8 LIMITS ON CONTRACTOR

- A. Samples must be collected and secured only by the testing agency.

PART 2 PRODUCTS Not Used

PART 3 EXECUTION Not Used

END OF SECTION