

01 40 00 Testing and Inspection Services

Revision 01/04/2019

Purpose:

The Architect and/or Engineer shall incorporate the Rice specific requirements indicated in this standard's section into their design. The Architect and/or Engineer shall further produce project specifications in line with industry standards that are updated to reflect these Rice specific requirements.

1. General Requirements

- a. The University values the use of independent contractors and service providers for inspecting, testing and verification to ensure the quality and performance of new construction.
- b. The Architect/Engineer shall develop a list of recommended inspections and testing requirements for approval by the Rice Project Manager prior to the 50% Construction Documents.
 - i. These shall include standard and customary inspections, and testing requirements for items such as, but not limited to:
 1. Fireproofing
 2. Reinforcing placement
 3. Pre-stressed tendon placement and stressing
 4. Precast erection
 5. Soils testing
 6. Welding inspection
 7. Steel erection and bolting
 - ii. The Architect shall include additional inspection and testing that may be to the University's benefit for elements of the project such as:
 1. Complex assemblies
 2. Innovative assemblies or use of material
 3. Assemblies with critical performance requirements
- c. Where test results could have implications on the construction process and techniques, consideration should be given to constructing and testing of representative field mockups – see Section 01 45 00 – Field Constructed Mockups.