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.