



PARIC CORPORATION
77 Westport Plaza Suite 250
St. Louis, MO 63146
TEL: 636-561-9500
FAX: 636-561-9501

REQUEST FOR INFORMATION DATE: January 30, 2017 NO.: RFI-431

To: Cannon Design

Attn: Kelvin Patel

From: Paric Corporation

Requested By: Joe Voypick

Project Name: 15051-Webster University Interdisciplinary Science Building Project No.: 15051

Subject: Hydronic Piping Testing Procedures During Cold Months

Response Required By: February 06, 2017

Drawing / Spec Reference:

Information Requested:

With cold temperatures lingering into the month of March, hydrostatically testing could result in freezing of terminal unit coils and associated piping. With drywall being installed, we must have a signed off pressure test to move forward.

We will be testing at 50% above operating pressure with compressed air and holding for 2 hours with no drop in pressure to ensure we have a tight and complete system.

Suggestion: Schedule impact: in order to move forward with insulating, flushing, cleaning, startup and commissioning we cannot wait until the weather is "warm enough" (i.e. mid to end of March) to hydrostatically test as this will be detrimental to the overall schedule.

Suggestion: Allow for the use of a compressed air test at 50% above operating pressure held for 2 hours on all hydronic systems for final pressure testing.

Response:

If hydronic testing per specification cannot be performed due to ambient conditions, then it is acceptable for the Contractor to leak test piping using compressed air provided that the test requires the piping to hold pressure for six (6) hours, at a pressure that is 50% above operating pressure. The pressure gauge for this test shall have the appropriate psi increments in order to properly record initial and final pressure readings at the beginning and end of the six (6) hour testing period.

ARCHITECT'S RESPONSE:

This information is provided as an interpretation of the Contract Documents for implementation. It is not an authorization for change to the Contract Sum or Contract Time. If this information results in a claim for a change to the Contract, the Contractor shall notify the [Construction Manager][Architect] of a change through the change process.

Answered By: Mike Nolte, WTA

Date: 2/8/17