



STEAM AND HOT WATER CONVERTER

# Steamfitter

POST-SECONDARY

## **Day 1: Heat Exchanger and Steam Piping**

### **Description of Tasks**

Competitor will install the required associated steam and condensate piping as required by provided installation drawings

### **Timeline:**

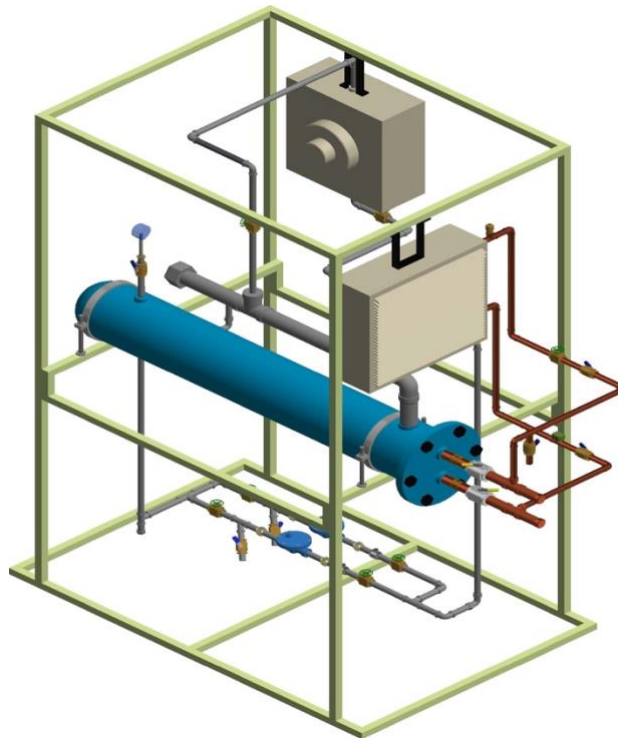
6 Hours

### **Objective:**

Fabricate and install Low Pressure Steam supply and condensate piping to heat exchanger and Steam Unit heater based on supplied drawings. Piping may be Threaded or Press fit as per drawing requirements

### **Instructions:**

You will be required to follow the given project specifications that will be provided with the included individual isometric piping drawings at the start of the competition. All Steam piping must be installed and will be marked following day 1 activities. Judges will be tracking the order of operation provided and any additional installation instructions that are given. Quality, consistency, and accuracy are of the utmost importance in this competition.



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## Day 2: Hydronic Piping and related Instrumentation piping

### Timeline:

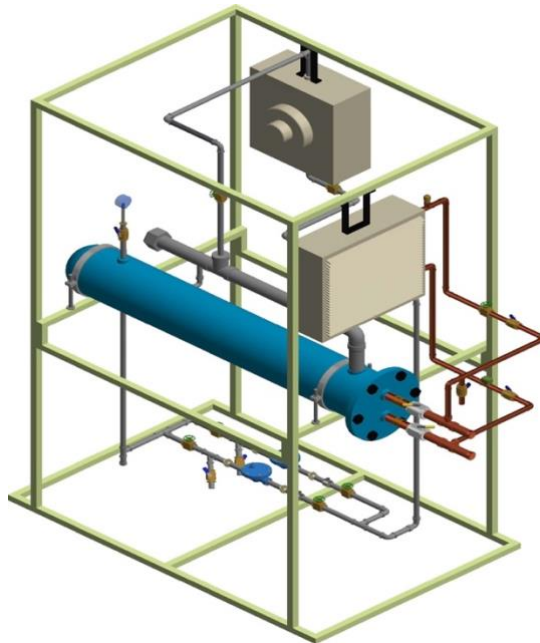
6 Hours

### Objective:

Fabricate and install Low Temperature Hot Water supply and return piping from Heat Exchanger to Hot Water Unit Heater and completion of related Instrumentation piping as per supplied isometric drawings. Piping may be press fit, threaded, tube bent, soldered or brazed based upon drawing requirements.

### Instructions:

You will be required to follow the given project specifications that will be provided with the included individual isometric piping drawings given on day 2 of the competition. All Hydronic piping and instrumentation piping will be marked following day 2 activities. Judges will be tracking the order of operation provided and any additional installation instructions which are given. Quality, consistency, and accuracy are of the utmost importance in this competition.



READING



PROBLEM SOLVING

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