



Project
Plumbing
POST-SECONDARY



INTRODUCTION:

The competitor will install potable water and heating piping systems according to the provided drawings, specifications, and associated materials. The installation will include accurate layout, fabrication, assembly, and connection of all required piping components.

Day 1: Potable Water and Heating

Timeline

6 Hours

Objective

To fabricate, layout, and install water and heating lines in accordance with the supplied drawings. Competitors will utilize a variety of joining techniques such as soldering, crimping, brazing, and pipe bending as indicated in the project documentation.

Instructions

At the start of the competition, each competitor will receive detailed project specifications and individual isometric piping drawings. All potable water and heating lines must be fully installed and tested by the conclusion of Day 1.

Judges will conduct marking following completion of the day, assessing the sequence of operations, compliance with the specifications, and adherence to safety standards.

Key assessment factors will include:

- Safe work practices
- Quality and consistency of work
- Accuracy of layout and measurements
- Completeness of installation within the allotted timeframe

INTRODUCTION:

The competitor will install the required drainage, waste, and vent piping systems according to the supplied drawings, specifications, and associated materials. The installation must demonstrate proper layout, assembly, and connection of all components as per standard plumbing practices and code requirements.



Day 2: Drainage, Waste and Venting (DWV)

Timeline

6 Hours.

Objective

To fabricate, layout, and install drainage, waste, and vent piping systems in accordance with the supplied drawings. Competitors may be required to use various joining methods such as soldering, fusing, or mechanical connections, as indicated in the provided documentation.

Instructions

At the beginning of Day 2, each competitor will receive project specifications and individual isometric piping drawings outlining the DWV system requirements. All drainage, waste, and vent piping must be completed and ready for marking by the end of day 2.

Judges will conduct marking following completion of day 2, assessing the sequence of operations, compliance with the specifications, and adherence to safety standards.

Key assessment factors will include:

- Safe work practices
- Quality and consistency of work
- Accuracy of layout and measurements
- Completeness of installation within the allotted timeframe



READING



NUMERACY