



**BRITISH COLUMBIA INSTITUTE OF TECHNOLOGY
PIPING DEPARTMENT SKILLS COMPETITION
SCOPE DOCUMENT
(ENTRY LEVEL COMPETITION)**

PURPOSE OF THE CHALLENGE

DURATION: 12 HOURS

Assess the contestant's skills to correctly installing a plumbing system.

SKILLS AND KNOWLEDGE TO BE TESTED

- Applying mathematical concepts involving piping.
- Applying the existing plumbing code requirements.
- Reading and interpret plumbing diagrams.
- Assembling a drainage system and a hot and cold water distribution system.
- Assembling various piping (steel, copper, ABS).
- Installing sanitary equipment, hot water heater and accessories.
- Accuracy.

EQUIPMENT, TOOLS, SUPPLIES, CLOTHING

Contestants must wear the appropriate clothing and individual protective gear: hard hat, safety boots and safety glasses, gloves.

The Entry Level competitors will have the tools supplied for them.

Note

Tools, such as pipe threaders, tripods, high-power drills, etc., are provided, as are adhesives, teflon, paste, threading paste, and soldering and brazing materials.
