



13th TERRITORIAL SKILLS COMPETITION - SCOPE DOCUMENT

51 - Industrial Mechanic (Millwright) Post-secondary Levels

PURPOSE OF THE CHALLENGE

DURATION: 6 HOURS

Contestants will have the opportunity to show their knowledge and abilities in the Millwright trade while maintaining safe work practices and a positive attitude.

SKILLS AND KNOWLEDGE TO BE TESTED

Practical:

- Oxygen/Acetylene Cutting
- Metal layout
- SMAW Welding
- Precision Measuring
- Component Identification

Theory:

- Oxygen/Acetylene/Welding test
- Gears & Bearings test
- Measuring tools test

Contestants must be indentured as an apprentice and have Started 1st year of technical Training .

EQUIPMENT, TOOLS, SUPPLIES, AND CLOTHING

Provided by the competitor:

- Work coveralls or smock.
- CSA approved steel-toed boots.
- CSA Approved safety glasses.

Note: Contestants who do not have the required protective gear will not be allowed to participate in the competition.

Provided by the committee:

- Appropriate hand tools
- Lockout equipment
- Hearing protection

SAFETY REQUIREMENTS

Failure to comply with safety regulations may result in disqualification or removal of the competitor from competition.

POINT BREAKDOWN / 100 TOTAL

Practical	60%
Proper Use of Hand Tools and Safety	15%
Theory	25%

TECHNICAL COMMITTEE MEMBERS - JUDGES

Peter Houweling, Tech Chair
City of Yellowknife, Millwright