



2010 13th ANNUAL SKILLS MANITOBA COMPETITION CONTEST SCOPE

CONTEST NAME: Industrial Mechanic Millwright

CONTEST NO: 51

LEVEL: Post Secondary

CONTEST START TIME AND DURATION:
Immediately following opening ceremonies

PURPOSE OF CHALLENGE:

To test the knowledge and skills of each competitor in the areas of: pneumatics, metal layout, machining and fabrication, the identification, assembly and alignment of power transmission components.

SKILLS AND KNOWLEDGE TO BE TESTED:
(Theory 15% / Practical 85%)

- Interpret, draw, assemble and operate a pneumatic circuit
- Interpret machine component as shown in given drawing
- Interpret, assemble and align mechanical power transmission components

Note: Knowledge of Imperial and Metric measurement and ANSI symbols required

POINT BREAKDOWN (1000 POINTS)

- Interpret, draw and assemble pneumatic circuit 333 points
- Interpret machine component as shown in given drawing 333 points
- Interpret, assemble and align power transmission components 334 points

Note: In case of a tie in this competition, the competitors will write a 25 question theory test for an additional 25 points

EQUIPMENT, TOOLS, MATERIALS TO BE PROVIDED BY COMMITTEE:

- All required components, tools and equipment.

EQUIPMENT, TOOLS, MATERIALS TO BE SUPPLIED BY COMPETITOR:

- Personal Protective equipment only, no tools or equipment.

CLOTHING REQUIREMENTS:

Competitors are expected to be dressed in an appropriate manner with their own safety glasses, work boots and coveralls or shop coat. (Without company or school identification)

Project information will not be available beforehand.

NOTE:

All competitors will be required to sign a declaration stating that they have not written a certificate of qualification examination, or hold journeyperson status in a related trade.

FOR MORE INFORMATION PLEASE CONTACT:

Chair: Dan Zvanovec

Ph: 989-6543

E-mail: danzva@wtc.mb.ca