



2012 15th ANNUAL SKILLS MANITOBA COMPETITION CONTEST SCOPE

CONTEST NAME: Electrical Installation

CONTEST NO: 18

LEVEL: Secondary and Post Secondary

NOTE:

Secondary Level: 1 Competitor per school, first six schools

Post Secondary Level: 6 Competitors in contest

CONTEST LOCATION: Red River College – Notre Dame campus

CONTEST START TIME AND DURATION:

Start is at 9 am, tools will be laid down at 1:30 pm.

PURPOSE OF CHALLENGE:

The purpose of this challenge is to test the abilities, both mental and physical, of the competing student in the field of electrical construction.

SKILLS AND KNOWLEDGE TO BE TESTED:

The skills to be tested will be as follows:

- 1) Installation of NMD cable
- 2) Installation of AC-90
- 3) Extra-low voltage circuits
- 4) EMT installation

POINT BREAKDOWN / 100% TOTAL:

TBA

NATIONAL COMPETITION ELIGIBILITY:

- A mark of **70% or higher** must be scored by the gold medalist in each contest in order for them to attend the National Skills Competition

EQUIPMENT, TOOLS, MATERIALS TO BE PROVIDED BY COMMITTEE:

All wiring materials
EMT Benders

EQUIPMENT, TOOLS, MATERIALS TO BE SUPPLIED BY COMPETITOR:

A complete electricians tool pouch with:

- 1) Linesman pliers
- 2) Side cutters
- 3) Needle nose pliers
- 4) Channel lock pliers
- 5) #6, #8, and #10 Robertson screw drivers
- 6) slotted screw drivers
- 7) Phillips screw drivers
- 8). knife
- 9) hacksaw
- 10) tape measure (imperial or metric)
- 11) pencil
- 12) hammer
- 13) cordless drill (recommended)

WORKSITE SAFETY RULES / REQUIREMENTS:

A full set of safety rules in addition to a safety orientation will be issued on the day of competition.

Work boots, gloves and safety glasses are mandatory.

SPECIAL CONDITIONS / ADDITIONAL INFORMATION:

Please be advised that we only have space for 6 competitors in the Secondary and 6 in the Post-Secondary competitions. 2 competitors may be allowed from an individual school if there is no other school trying to enter a student.

FOR MORE INFORMATION PLEASE CONTACT:

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