

2012 Provincial Skills Competition

Attention Competitors

**At the 2012 Provincial Skills Competition
Safety is # 1**

**Each Event Area Will Have Safety Equipment and
Requirements That Competitors Must Adhere To**

Important Must Read!!!!

**Competitors Must Meet All Safety Requirements To
Compete At The Provincial Skills Competition**

**Please Consult The Scope Document To Determine The
Safety Requirements For Your Area**

**It Is Recommended That Competitors Check The Scope
Document To Ensure You Meet All Safety
Requirements.**

**Scope Documents May Be Updated Until February 17th,
2012**

2012 Provincial Skills Competition Scope Document

EVENT: WELDING	LEVEL: POST SECONDARY
START TIME: 8:00 a.m. Thursday March 15 th 2012	LOCATION: SIAST WASCANA CAMPUS WELDING SHOP
INTERNATIONAL TRADE: #10	DURATION: 6.0 HRS.

SAFETY REQUIREMENTS: Competitors are required to follow all industry safety standards during the competition. Any safety infraction will receive a warning. If the safety infraction is not rectified, the competitor will be removed from the competition and disqualified.

PURPOSE OF THE CHALLENGE:

To assess the competitor's ability to successfully complete the project in the field of welding, according to accepted principals and specifications as indicated on drawings. Competitors must demonstrate their knowledge in reading drawings and interpreting welding symbols as well as following proper procedures for welding in the industry today.

SKILLS AND KNOWLEDGE TO BE TESTED:

Contestants will be assessed on their ability to follow the instructions given and how they complete the project as described in the assembly drawings and how their welds follow the specifications on the drawings.

THEORY EXAM: NO

EQUIPMENT, TOOLS, SUPPLIES:

Supplied by Committee

- All welding equipment: (Welding machines).
- All materials for the project.
- All welding consumables: Welding rods, wires, gasses.
- All instruction and procedure sheets and technical drawings.

Supplied by Competitor

- Magnetic Squares
- 12" Combination Square (45 / 90 degrees)
- Pen, Pencil, Soapstone
- Tape measure to measure in millimeters and imperial.
- Fillet weld gauge
- Ball peen hammer
- Center punch
- Cold chisel
- Adjustable wrench
- Vise grips.
- All purpose pliers / side cutters
- File (coarse cut preferred)
- Chipping hammer
- Wire brush.
- Tool box

- Torpedo Level
- Protractor
- Needle Point Compass
- Scriber
- Grinder 4 ½” to 5” (for V-Butts)

CLOTHING REQUIREMENTS:

Competitor Must Provide:

- Protective clothing: Including coveralls and leathers if they have them (not mandatory)
- Hearing and ear protection
- Welding helmet with #9---#11 filter or Instant Dark and clear cover plate
- Welding Cap or Welding Beanie
- Leather gauntlet gloves
- Approved steel- toed boots
- Safety glasses

COMMITTEE MEMBERS:

Scott Parent	SIAST Palliser Campus, Moose Jaw 1-306 691-8388
Stephen Guillaume	SIAST Palliser Campus, Moose Jaw
Devin Milligan	SIAST Palliser Campus, Moose Jaw
Gerald Nickel	North Battleford Comprehensive High School
Monty Blomberg	Sherritt Coal

ADDITIONAL NOTES:

***ORIENTATION WILL TAKE PLACE ON FRIDAY, March 15th, At 8:00 a.m. at WASCANA CAMPUS WELDING SHOP.**

***CONTEST DRAWINGS (ISOMETRIC ONLY) WILL BE AVAILABLE APPROXIMATELY ONE MONTH PRIOR TO THE PROVINCIAL COMPETITION.**

***ONLY THE TOP FIVE PROJECTS WILL BE MARKED**