

## **Attention Competitors**

**At the 2009 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 January 8<sup>th</sup>, 2009**

# 2009 Provincial Skills Competition

## Scope Document

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<b>EVENT:</b> WELDING	<b>LEVEL:</b> POST SECONDARY
<b>START TIME:</b> 8:00 a.m. April 3 <sup>rd</sup> , 2009	<b>LOCATION:</b> WASCANA CAMPUS WELDING SHOP
<b>INTERNATIONAL TRADE:</b> 10	<b>DURATION:</b> 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 and cutting 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, torches, hoses gauges, cylinders.
- 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.
- 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

## **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:**

Chris Dzaka	SIAST Kelsey Campus, Saskatoon
Colin Cloarec	SIAST Woodland Campus, Prince Albert
Gerald Nickel	North Battleford Comprehensive High School

## **ADDITIONAL NOTES:**

**\*ORIENTATION WILL TAKE PLACE ON FRIDAY, APRIL 3<sup>rd</sup> AT 7:00 a.m. at WASCANA CAMPUS WELDING SHOP.**