

**2010 MICHIGAN SKILLS USA CHAMPIONSHIPS  
TASK AND MATERIALS LIST**

**SKILL OR LEADERSHIP AREA:** HEATING

**TASKS TO BE PERFORMED:**

- Gas furnace (90+)
- Gas furnace (80 +)
- Gas furnace (electronic) (component replacement)
- Component identification (heating only) -- or written heating test
- Air Flow Measurement
- Written test—SkillsUSA professional development test

**STUDENTS MUST SUPPLY:**

- Amp Meter
- Volt/Ohmmeter
- All necessary hand tools
- Safety glasses with side shields
- Work shoes (No Athletic Type)
- **NO JUMPER WIRES**
- Resume – 1 page

**RULES AND REGULATIONS:**

1. Safety glasses with side shields must be worn while in laboratory area.
2. Work shoes must be worn by all contestants. (No Athletic Type)
3. Proper work attire must be worn by all contestants.
4. **Contestants who do not have safety glasses and work shoes will be barred from the competition. (NO EXCEPTIONS)**

# SCORECARD Heating

Contestant Number

Items Evaluated	Possible Points							
<b>Parts Identification</b>	<b>200</b>							
<b>Component Replacement Gas Furnace</b>	<b>200</b>							
<b>Gas Furnace 90+ Troubleshooting</b>	<b>200</b>							
<b>Gas Furnace 80+ Troubleshooting</b>	<b>200</b>							
<b>Air-Flow CFM</b>	<b>200</b>							
<b>Résumé Penalty</b>	<b>0 or -50 only</b>							
<b>Clothing Penalty</b>	<b>0 to -50</b>							
<b>Total Possible Points</b>	<b>1000</b>							

Date:

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Judges' Signatures:

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