

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

SKILL OR LEADERSHIP AREA: MARINE SERVICE TECHNOLOGY

**TASKS TO BE PERFORMED:**

- Written test on parts identification using parts manual or microfiche.
- Written test concerning basic engine theory, diagnosis, and repair procedures, electrical testing, and preventive maintenance and troubleshooting.
- Diagnose problems with fuel, electrical systems, lower units, power transfer systems, cooling systems, remote controls, and power trim systems.
- Measure various engine components and diagnosis condition. ie: cylinder block, pistons, lower unit.
- Written test to include technical and SkillsUSA professional development.

**STUDENTS MUST SUPPLY:**

- Safety glasses with side shields or goggles
- Leather work shoes
- Resume – 1 page

Note: Non compliance with clothing or safety gear requirements will result in points being deducted from the contestants score.

Note: Engines will be two cycle mercury marine, OMC and four cycle marine components.

Revised 1/13/10

# SCORECARD Marine Service Technology

		Contestant Number							
Items Evaluated	Possible Points								
<b>Project 1</b>	<b>240</b>								
<b>Project 2</b>	<b>240</b>								
<b>Project 3</b>	<b>240</b>								
<b>Written Test</b>	<b>280</b>								
<b>Résumé Penalty</b>	<b>0 or -50 only</b>								
<b>Clothing Penalty</b>	<b>0 to -50</b>								
<b>Safety Penalty</b>									
<b>Total Possible Points</b>	<b>1000</b>								

**Date:** \_\_\_\_\_

**Judges' Signatures:**

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