

**2020 MICHIGAN SKILLS USA CHAMPIONSHIPS  
TASK AND MATERIALS LIST**

SKILL OR LEADERSHIP AREA: MARINE SERVICE TECHNOLOGY

**CONTEST LOCATION:**

M-TEC Tassell Center  
622 Godfrey Ave SW  
Grand Rapids, MI, US  
(616) 234-3800  
<http://cms.grcc.edu/node/2006>

**RESUME:**

Each student must submit a one-page printed resume before the contest start at the contest site (present to contest coordinator, not judges). The resume is no longer submitted online. This is the only time that resumes can be turned in. Failure to do so will result in a 10 point penalty.

**TASKS TO BE PERFORMED:**

- Written test on parts identification using computer and electronics parts catalog.
- 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.
- Diagnose problems using multimeter.

**STUDENTS MUST SUPPLY:**

- Safety glasses with side shields or goggles
- Leather work shoes
- Resume – 1 page
- No school logo, school name, contestant name or any other identifying marks of any kind on clothing anywhere on the competition site, including the holding area. If you do have them, they must be covered up so that no part of the identification is visible.

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

Note: Engines will be Yamaha and four cycle marine components.

Revised 1/2/20

# SCORECARD Marine Service Technology

		Contestant Number							
Items Evaluated	Possible Points								
Project 1	240								
Project 2	240								
Project 3	240								
Written Test	280								
Résumé Penalty	0 or -10 only								
Clothing Penalty	0 to -50								
Safety Penalty									
<b>Total Possible Points</b>	<b>1000</b>								

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

**Judges' Signatures:**

_____	_____
_____	_____
_____	_____