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

<table>
<thead>
<tr>
<th>Items Evaluated</th>
<th>Possible Points</th>
</tr>
</thead>
<tbody>
<tr>
<td>Project 1</td>
<td>240</td>
</tr>
<tr>
<td>Project 2</td>
<td>240</td>
</tr>
<tr>
<td>Project 3</td>
<td>240</td>
</tr>
<tr>
<td>Written Test</td>
<td>280</td>
</tr>
<tr>
<td>Résumé Penalty</td>
<td>0 or -10 only</td>
</tr>
<tr>
<td>Clothing Penalty</td>
<td>0 to -50</td>
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</tbody>
</table>

**Total Possible Points** 1000

Date: ______________________________________________________

Judges' Signatures: _________________________________________

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