2020 MICHIGAN SKILLS USA CHAMPIONSHIPS
TASK & MATERIALS LIST

SKILL OR LEADERSHIP AREA: Power Equipment 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 repair parts manual
• Written technical test concerning basic engine theory, diagnosis, and repair
procedures, electrical testing, preventative maintenance and troubleshooting.
• Diagnose problems with fuel, governor, and electrical systems; start and adjust
running engine.
• Measure various engine components and diagnose condition. Metric and English
standards will be used.
• Disassemble and re-assemble various systems of an engine using proper tools and
procedures. Identify various engine defects.
• Written Tests (Technical and SkillsUSA professional development) (given on Friday
afternoon)

STUDENTS MUST SUPPLY:
• Personal protective gear, ALL participants must wear safety glasses with side shields
or goggles.
• Approved leather work shoes or boots, (no Tennis Shoes will be allowed).
• Clothing considered appropriate for the industry (no T-shirts). There will be no
deduction for belt buckles unless offensive in nature.
• # 2 pencils and shop towels
• 1-page resume
• Sack lunch
• No school logo, school name, contestant name, or any other identifying marks of any
kind on clothing at the contest site or during the competition.

Noncompliance with clothing or safety gear will result in points deducted from
contestant’s score

Engines used will be 2 or 4 cycle Kawasaki EFI, Echo Trimmers, Briggs 2 & 4 cycle
engines, Kohler EFI Engines, Honda Engines

Revised 12/2/19
## SCORECARD Power Equipment Technology

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Judges Signatures

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