

**2019 INDIANA SkillsUSA CHAMPIONSHIPS
TASK & MATERIALS LIST**

SKILL OR LEADERSHIP AREA: Power Equipment Technology

CONTEST LOCATION:

Indiana State Fairgrounds West Pavilion
1202 E 38th St.
Indianapolis, IN 4605

DATE: Saturday April 20, 2019

TIME: 6:00 am- concession opens
7:30 am- arrive at West Pavilion
7:45 am- be in contest area
8:00 am- contest begins

CLOTHING REQUIREMENTS:

NO SCHOOL LOGO OR AFFILIATION ON ANY CLOTHING, MUST BE COVERED

- Work shirt or State Conference T-shirt
- Work pants or jeans (NO HOLES or sagging pants)
- Belt
- Black, brown or tan leather work shoes (NO Tennis shoes allowed)
- Safety glasses with side shields or goggles. (Prescription glasses can be used only if they are equipped with side shields. If not, they must be covered with goggles.)

**ALL CONTESTANTS MUST BRING A 1 PAGE RESUME,
THAT WILL BE TURNED IN AT THE BEGINNING OF THE
CONTEST.**

AWARDS CEREMONY DRESS CODE

A Dress Code will be enforced during the Awards Ceremony. To accept an award “on-stage”, the student must wear the “Official SkillsUSA Uniform”, State T-Shirt or the competition attire. NO SHORTS OR HATS!!!

TASKS TO BE PERFORMED:

- Parts Identification-Utilizing part manuals, Illustrated Parts Lists, or Electronic Means the contestant will look up given components to be identified.
- Written technical test concerning basic engine theory, diagnosis, and repair procedures, electrical testing, and preventive maintenance and troubleshooting.
- Measure various engine components and items. Metric and English standards will be used.
- Identify, test, and diagnose various electronic components and circuits using the correct testing tools.

- Engine Diagnosis, Contestants must be able to diagnose various conditions/symptoms/failures related to the fuel system, the governor, as well as electrical system, and be able to make adjustments on a running engine, and perform diagnostic tests.

TIME WILL BE A SIGNIFICANT SCORING FACTOR.

STUDENTS MUST SUPPLY:

- Personal protective gear, ALL participants must wear safety glasses with side shields or goggles, and approved work shoes, (no Tennis Shoes will be allowed).
- # 2 pencils

Noncompliance with clothing or safety gear will result in points deducted and/or the individual not being able to participate

This contest will cover material from both 2 and 4 stroke power equipment.

NO CELLPHONES IN CONTEST AREA!