

Industrial Motor Control

CONTEST DATE & LOCATION: Refer to the Kansas State Championship Conference Packet

PURPOSE: To evaluate each contestant's preparation for employment and recognize outstanding students for excellence and professionalism in the field of industrial motor controls.

ELIGIBILITY: Open to active SkillsUSA members enrolled in programs with industrial motor control as the occupational objective.

CLOTHING REQUIREMENT: Official SkillsUSA khaki work shirt and pants; black, brown or tan leather work shoes; and 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.) The Official SkillsUSA Kansas T-shirt attire may be wore for the Kansas State Championships.

Official SkillsUSA khaki work shirt and pants attire



NOTE: The Official Kansas State T-shirt will be mailed to schools prior to the competition.

KANSAS STATE CHAMPIONSHIPS (KSC) CONTEST UPDATE



CONTEST PREPARATION: *Notes from the Chair:*

Safety requirements: Safety glasses (approved side shields must be worn if contestant wears corrective lenses), work gloves, Lockout lock and tagout tag.

Tools to be provided by contestant:

- 10" pump pliers
- Hacksaw with blade
- Utility knife
- 9" torpedo level
- 6" long nose pliers
- 4" flat head screwdriver
- 4" Phillips head screwdriver
- 6" flat head screwdriver
- One terminal screwdriver
- 8" diag. cut pliers
- Tape measure
- Tool pouch
- Tool belt
- Wire stripper
- ½" EMT bender
- One VOM meter
- 2017 or 2020 NEC book
- #2 pencils.

Contestants are required to remain at the end of the contest to assist in tearing down project following judging.

NEW: Contestants will be required to complete a SkillsUSA Professional Development Test (PDP). This will be given at the start of the competition and will be read out loud to the students. The students will need to mark their answers on a scantron sheet and turn them in before proceeding to the next part of the competition. This test should take approximately 10-15 minutes to complete and aligns the state competition with the national competition.