



Industrial Motor Control



Date	02/11/22	Orientation Time	8:30 a.m.
Location	Toledo Electrical JATC 803 Lime City Rd. Rossford, Oh 43460	Contest Time	9:00 – 12:00
Contest Coordinator	Julie Maciejewski	Contact Information	julie@etcjatc.org 614-463-5282
Purpose	To evaluate each contestant's preparation for employment and to recognize outstanding students for excellence and professionalism in the field of industrial motor controls.		
Testing	Students will demonstrate their knowledge of electrical principles, equipment and industry standards as it relates to the design, installation and troubleshooting of industrial motor control circuits. Written evaluation and hands on skills evaluation.		
Eligibility	1 contestant for every 50 paid members enrolled in program		
Clothing	School lab uniform or industry appropriate clothing, work boots, safety glasses, hard hat. School/student name must be covered.		
Provided by Contestant	Professional Resume Tool List: <ul style="list-style-type: none"> • 10" pump pliers • 12" pump Pliers • 12" hacksaw with blade • 16 oz. claw hammer • Utility knife • 9" torpedo level • 6" long nose pliers • 7" scratch awl • 9" side cut pliers • 4" flat head screwdriver • 4" phillips head screwdriver • 6" flat head screwdriver • 1/8" cabinet tip screwdriver • 8" diag. cut pliers • Tape measure • Tool pouch • Tool belt • T5 wire stripper • ½" EMT bender • One VOM meter • Battery drill ONLY – No electric drills will be permitted • 2017 NEC book • #2 pencils • 4' or 6' fiberglass ladder ONLY • Phillips bit for drill • No tool boxes larger than 18" long, 12" wide, 12" tall permitted in the contest area 		

**Contest Skilled
Performance
Standards**

MOTR 2.0 - Follow OSHA rules and safety regulations to ensure job site and equipment safety.

MOTR 9.0 - Lay out components on mounting boards based upon customer specifications.

MOTR 10.0 - Select and install proper wiring methods, boxes and enclosures.

MOTR 11.0 - Demonstrate the ability to properly install and connect devices and equipment.

Please review the 2021-2022 SkillsUSA National Tech Standards for detailed information on each skilled performance standard.