



Industrial Motor Control



Date	January 31, 2025	Orientation Time	Registration 8:00 a.m. Orientation 8:30 a.m. (CLOSED to instructors)
Location	The Electrical Trades Center 947 Goodale Blvd. Columbus, Oh 43212	Contest Time	Immediately following orientation (OPEN contest)
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	Yes. Contestants are required to complete a written test of questions formulated from the 2017 edition of NEC.		
Eligibility	1 contestant for every 50 paid members enrolled in program		
Clothing	Clothing Classification Guide – CLASS C		
Provided by Contestant	<ul style="list-style-type: none"> • Professional Resume – Typed Hardcopy • Emergency Medical Form (Contestants must have this to compete) • 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 • Breaker Lock and Lockout/Tag Out Equipment 		

	Contest Skilled Performance Standards	Aligned ODEW Construction Career Field Technical Content Standard Outcomes
	<p>MOTR 2.0 - Follow OSHA rules and safety regulations to ensure job site and equipment safety.</p>	<p>Outcome 2.1 Site Safety</p>
	<p>MOTR 9.0 - Lay out components on mounting boards based upon customer specifications.</p>	<p>Outcome 4.2 Circuits</p>
	<p>MOTR 10.0 - Select and install proper wiring methods, boxes and enclosures.</p>	<p>Outcome 4.4 Electrical Wiring</p>
	<p>MOTR 11.0 - Demonstrate the ability to properly install and connect devices and equipment.</p>	<p>Outcome 4.4 Electrical Wiring</p>
		<p>Above Outcomes can be found in the following ODEW course(s): 178007 Construction Electrical Systems 178009 Commercial and Industrial Construction Electrical Systems</p>