



# Industrial Motor Control



<b>Date</b>	February 13, 2026	<b>Orientation Time</b>	Registration 8:00 a.m. Orientation 8:30 a.m. (CLOSED to instructors)
<b>Location</b>	Toledo Electrical JATC 803 Lime City Rd. Rossford, Oh 43460	<b>Contest Time</b>	Immediately following orientation (OPEN contest)
<b>Purpose</b>	The competition will include written descriptions of required electrical installations and/or job sheets with schematic diagrams and accompanying requirements for wiring an industrial motor control installation. Competitors will select and install the wiring methods, devices, and equipment to complete the specified installation.		
<b>Testing</b>	Yes. Contestants are required to complete a written test of questions formulated from the 2017 edition of NEC.		
<b>Eligibility</b>	1 contestant for every 50 paid members enrolled in program		
<b>Clothing</b>	Clothing Classification Guide – CLASS C		
<b>Provided by Contestant</b>	<ul style="list-style-type: none"><li>• Professional Resume – Typed Hardcopy</li><li>• Emergency Medical Form (Contestants must have this to compete)</li><li>• 10" pump pliers</li><li>• 12" pump Pliers</li><li>• 12" hacksaw with blade</li><li>• 16 oz. claw hammer</li><li>• Utility knife</li><li>• 9" torpedo level</li><li>• 6" long nose pliers</li><li>• 7" scratch awl</li><li>• 9" side cut pliers</li><li>• 4" flat head screwdriver</li><li>• 4" phillips head screwdriver</li><li>• 6" flat head screwdriver</li><li>• 1/8" cabinet tip screwdriver</li><li>• 8" diag. cut pliers</li><li>• Tape measure</li><li>• Tool pouch</li><li>• Tool belt</li><li>• T5 wire stripper</li><li>• ½" EMT bender</li><li>• One VOM meter</li><li>• Battery drill ONLY – No electric drills will be permitted</li><li>• 2017 NEC book</li><li>• #2 pencils</li><li>• 4' or 6' fiberglass ladder ONLY</li><li>• Phillips bit for drill</li><li>• No tool boxes larger than 18" long, 12" wide, 12" tall permitted in the contest area</li></ul>		

	<ul style="list-style-type: none"> <li>• Breaker Lock and Lockout/Tag Out Equipment</li> <li>• <u>The following WILL NOT be tolerated and are grounds for disqualification from the competition:</u> <ul style="list-style-type: none"> <li>• No smart watches, cellphones and/or other electronic devices in the contest area unless specifically stated in this document. These devices cannot be used as a calculator.</li> <li>• No contact with anyone outside of the contest area once the contest begins.</li> <li>• No inappropriate communication between contestants such as verbally degrading another contestant or informing another contestant of the skills/test prior to or during the competition.</li> <li>• No cheating on any portion of the contest.</li> <li>• The use of AI is strictly prohibited and will result in an automatic disqualification of the contestant.</li> </ul> </li> </ul>												
	<table> <tr> <th data-bbox="427 636 898 699"><b>Contest Skilled Performance Standards</b></th><th data-bbox="898 636 1443 699"><b>Aligned ODEW Construction Career Field Technical Content Standard Outcomes</b></th></tr> <tr> <td data-bbox="427 772 898 877"><b>MOTR 2.0</b> - Follow OSHA rules and safety regulations to ensure job site and equipment safety.</td><td data-bbox="898 772 1443 877"><b>Outcome 2.1</b> Site Safety</td></tr> <tr> <td data-bbox="427 951 898 1056"><b>MOTR 9.0</b> - Lay out components on mounting boards based upon customer specifications.</td><td data-bbox="898 951 1443 1056"><b>Outcome 4.2</b> Circuits</td></tr> <tr> <td data-bbox="427 1129 898 1234"><b>MOTR 10.0</b> - Select and install proper wiring methods, boxes and enclosures.</td><td data-bbox="898 1129 1443 1234"><b>Outcome 4.4</b> Electrical Wiring</td></tr> <tr> <td data-bbox="427 1308 898 1413"><b>MOTR 11.0</b> - Demonstrate the ability to properly install and connect devices and equipment.</td><td data-bbox="898 1308 1443 1413"><b>Outcome 4.4</b> Electrical Wiring</td></tr> <tr> <td data-bbox="427 1444 898 1633"></td><td data-bbox="898 1444 1443 1633">           Above Outcomes can be found in the following ODEW course(s):            178007 Construction Electrical Systems            178009 Commercial and Industrial Construction Electrical Systems         </td></tr> </table>	<b>Contest Skilled Performance Standards</b>	<b>Aligned ODEW Construction Career Field Technical Content Standard Outcomes</b>	<b>MOTR 2.0</b> - Follow OSHA rules and safety regulations to ensure job site and equipment safety.	<b>Outcome 2.1</b> Site Safety	<b>MOTR 9.0</b> - Lay out components on mounting boards based upon customer specifications.	<b>Outcome 4.2</b> Circuits	<b>MOTR 10.0</b> - Select and install proper wiring methods, boxes and enclosures.	<b>Outcome 4.4</b> Electrical Wiring	<b>MOTR 11.0</b> - Demonstrate the ability to properly install and connect devices and equipment.	<b>Outcome 4.4</b> Electrical Wiring		Above Outcomes can be found in the following ODEW course(s): 178007 Construction Electrical Systems 178009 Commercial and Industrial Construction Electrical Systems
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