



OKLAHOMA
CareerTech

Badge Details

Name	3254 - Electrical Construction Wiring (Residential Wiring)
Description	This assessment, endorsed by METC, measures an individual's ability to apply the knowledge and skills necessary for success in entry-level Electrical Construction Wiring in a residential setting.
Criteria	<p><i>Candidates receiving this certification will take an exam with the following criteria:</i></p> <p>This exam is composed of 50 questions</p> <ul style="list-style-type: none">• Define and apply safety rules and practices in residential wiring according to National Electrical Code (NEC) standards 20%• Apply knowledge of basic wiring theory according to NEC standards 6%• Discuss important trade information and standards according to the NEC 10%• Use basic equipment and procedures defined by industry standards 12%• Apply knowledge of service loads and electrical safety to residential wiring situations 10%• Install and service entrance to meet NEC standards 4%

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| | <ul style="list-style-type: none">• Install switch boxes and outlet boxes to meet NEC standards 6%• Maintain already existing wiring to meet NEC standards 4%• Rough in, connect, and install electrical devices to meet NEC standards 16%• Install PVC and EMT conduit to meet NEC standards 8%• Install residential telecommunications infrastructure to meet current TIA/EIA 570 standards 4% |
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