

STATE OF UTAH
UT ELECTRICIAN PRACTICAL EXAMINATION

# of Questions	Minimum Passing Score	Time Allowed
7	Pass	120 Minutes

CONTENT OUTLINE

Subject Area	
Wiring Projects - Motor Control Project - Transformer Project - Doorbell Project - Light Switch Project	Pass
Material Identification - Material Identification Project	Pass
Conduit Bending - Conduit Bending Project #1 - Conduit Bending Project #2	Pass

PRACTICAL EXAMINATION

Candidates must bring the following items to the practical examination.

- Two 5-foot pieces of ½-inch EMT conduit
- One ½-inch EMT bender
- One continuity tester or multi meter
- One ½-inch conduit reamer
- One straight blade screwdriver
- One Phillips screwdriver
- One pair of long nose pliers
- One pair of side cut pliers
- One pair of wire strippers
- One Hacksaw or Cordless Saw
- One tape measure
- One pencil or marker
- Non-Digital Torpedo Level

REFERENCE LIST

The reference material listed below was used to prepare the questions for this examination. The examination may also contain questions based on trade knowledge or general industry practices. **Except for Code books**, you can base your answers on later editions of references as they become available. For Code questions, the examinations will be based **only** on the edition of the Code book that is listed.

Candidates may use a silent, nonprinting, non-programmable calculator in the examination center.

The following reference material is NOT allowed in the examination center:

- *Conduit Bending Workbook*, 1997, Tom Henry Books, 7449 Citrus Avenue, Winter Park, FL 32792, www.code-electrical.com.

- *Electric Motor Control*, Seventh Edition, 2003, Thomson Delmar Learning, P.O. Box 6904, Florence, KY 41022, www.delmarlearning.com.
- *NFPA 70, National Electrical Code*, 2017 Edition, National Fire Protection Association, 1 Batterymarch Park, P.O. Box 9101, Quincy, MA 02269-9101, www.nfpa.org.
- *Ugly's Electrical References*, George V. Hart, 2017, Jones and Bartlett, (800) 832-0034, www.uglys.net. All items are based on either the 2008, 2011, 2014 or 2017 editions.