

Journeyman Wireman Practical Handout

The Practical exam for Journeyman electrical consists of the following subsections. The wiring portions of the exam require every wire to be correctly terminated, or NO credit will be given. Partial credit is given only for the Materials Identification.

The percentage points and times for each section of this exam are listed below.

Remember to make all your connections as secure as possible, using the equipment given by the testing facility. Also, remember that you are to assume that all devices are bonded and do NOT require equipment grounding wires for any device.

!!! The diagrams given in this handout will NOT be provided for the exam, for study purposes only, do NOT take into Test Site!!

Test	% Points	Time Allotted	Grading Scale
(1) Motor Controller	20 points	20 minutes	Pass/Fail only
Transformers	20 points	20 minutes	Pass/Fail only.
Doorbells	10 points	10 minutes	Pass/Fail only.
Mutiple Light Switches	10 points	10 minutes	Pass/Fail only.
Simple Conduit Bending	10 points	10 minutes	Pass/Fail only.
(2) Complex Conduit Bend	20 points	20 minutes	Pass/Fail only
Materials Identification	10 points	10 minutes	Partial credit given

- (1) Diagrams may be provided at test site**
- (2) Diagrams will be provided at test site**

IBEW L.U. 640 JOURNEYMAN WIREMAN EXAM

This exam will consist of 30 written questions worth 1 point each and 7 hands on test worth 10 points each.

30 Field questions.

You must pass both Conduit bending and a total of at least 4 other boards for the Hands-on portion.

Questions not completed will be counted as incorrect.

Cell phones are not permitted during testing. You must turn them in prior to beginning the test. Failure to do so may result in being asked to leave the examination and return at a later date.

There is to be no talking during the test. If you need to clarify a question, raise your hand and a proctor will assist you.

Once completed, the results of the written exam will be combined with your scores on the hands-on portion and reviewed by the examiner.

You must obtain a minimum passing combined score of 75 points including:

- **30 general Questions**
- **Conduit Bending Board 1 (10 Points) – MUST PASS**
- **Conduit Bending Board 2 (10 Points) - MUST PASS**
- **Transformers (10 Points)**
- **3 Way / 4 Way switch connection (10 Points)**
- **GFCI / Isolated Grounding (10 Points)**
- **Motor Leads Hookup (10 Points)**
- **Start / Stop Stations (10 Points)**

You will be officially notified on the day of the exam if you passed or failed.

If you fail to pass the examination, you will be notified via e-mail and mail with assigned classwork and / or labs that you will be required to pass prior to receiving your JW ticket.