

Preparing for the IBEW Aptitude Test

If you're interested in joining the IBEW Local 106 JATC Apprenticeship and becoming an electrician, then you need to prepare for the **IBEW Aptitude Test**.

What is An Aptitude Test?

Aptitude tests are one of the most commonly used assessments in measuring a candidate's suitability for a role.

The IBEW wants to ensure that their candidates have a solid ability to comprehend written text, basic algebra and have some mechanical aptitude.

The aptitude test primarily applies to the Inside Wireman and the Limited Energy Technician apprenticeship programs.

What You Need To Know Before Taking the Test

The most common issue we hear from people who have just completed taking the test is, "I really wish I had brushed up on my math skills." Now those individuals may have to wait another 6 months to a year before they can test again.

So make sure you brush up on your math before you sign up for the aptitude test.

The IBEW aptitude test consists of two parts – math and reading.

Math

The math portion covers algebra and functions with a total of **33 questions** that must be answered within **46 minutes**.

Now, along with the math portion you will most likely see some mechanical questions. These questions may ask about pulleys, how loads are distributed, the best way to balance a load being hoisted, and basic mechanical theory.

Just remember that you must to have a balanced load (meaning the weight is centered), and more lines hoisting a load with a pulley means less stress on the ropes or cables.

Reading

The reading portion covers comprehension with a total of **36 questions** that must be answered within **51 minutes**. This measures your ability to obtain information from written passages. You'll read a lengthy bit of text and then have to answer specific questions about the text.

Scoring

The test is Scored from **1 to 9**, with **9 being the highest possible score**. IBEW Local 106 requires a qualifying score of **at least 5 to be considered for an interview**.

Aptitude Test Rules

Bring a photo ID to the test. Your ID will be checked. No ID, no test-no exceptions!

- Arrive 15 minutes before the scheduled test time. Late entries will not be permitted. A late show is the same as a “No Show”.
- Do not bring a calculator. Pencils and scrap paper are provided for computation.
- If you do not receive a qualifying score you will not be eligible to retake the test (at any JATC in the country) for a period of three months.
 - The NJATC is very serious about this. If you retest before the three month period elapses, your score will not be valid and another three months must elapse before the next retest.

Test Time

You can expect the test to take approximately **two and a half hours** to complete with a break between the algebra and reading portion.

A Note to Those with Disabilities

We recognize and comply with our obligations under the Americans with Disabilities Act to not discriminate against qualified persons with disabilities.

If you are a person with a physical or mental impairment (including learning disabilities) that you believe may affect your ability to complete any aspect of the application process (including testing), and if you need an accommodation to ensure that the test battery accurately measures your skills and abilities, **you must notify the JATC before, or as soon as you are scheduled to take the NJATC aptitude test battery.**

Accommodation requests given on the test day CANNOT be addressed that day. In most cases, you will need to provide:

- Documentation of your disability, and
- Documentation of the need for a particular accommodation.
- Your request will be considered promptly.

For help preparing to take the aptitude test visit ElectricPrep.com

Electric Prep has partnered with the NJATC to offer voluntary courses supporting applicants during the entrance process for the IBEW/NECA apprenticeship training program. These online courses will provide prospective applicants a **better understanding of the electrical construction industry** and the requirements for acceptance into the **apprenticeship program**.

Reminders for Applicants

- For optimal test performance, get a good night's rest and eat a nutritious meal prior to taking the tests
- Report to the test center early. It is a good idea to arrive at the test center at least 15 **minutes** before the scheduled testing time.
- On your scheduled test day, **remember to bring a photo ID with you to the testing center.** Your ID will be checked before you will be allowed to take the tests. **No ID, No Test, No Exceptions!**
- Do **not bring electronic devices.** We ask that all electronic devices (phones and smart watches) remain in your vehicle during the test session.
- Plan on spending **approximately 3 hours** at the test center on your scheduled test day.
- **Be sure to make arrangements for childcare ahead of time.** Children will not be allowed at the test center.
- **Do not** attempt to retake the test battery for **three (3) months (90 days)** after your last test date. **If you** retest before the three (3) month (90 days) period has elapsed, your score will not be valid and you will not be allowed to retest for *another* three (3) months (90 days). **Please take this warning seriously. This is YOUR responsibility.**
- Make arrangements with **the JATC before** you report for testing if you will need special accommodations during the testing procedure.