

# APTITUDE TEST

## What is the Electrical Industry Aptitude Test?

The Aptitude Test is a test instrument that measures an applicant's ability in Algebra and Functions and Reading Comprehension which are essential to perform well as an electrician. Extensive research and actual Apprentice and Journeyman experience and data was employed into the development and ongoing validation of this test which is sanctioned by the U.S. Department of Labor ETA, OATELS.

The Algebra and Functions portion is a test of your ability to solve problems using algebra. The test has 33 questions with 46 minutes allotted to complete them.

The Reading Comprehension portion is a test to measure your ability to obtain information from written passages. It contains four separate passages with a total of 36 questions. You are allotted 51 minutes to complete this portion of the test.

## If I do not score well on the test, can I take it again?

Yes, you may take the aptitude test again after a minimum period of six months has elapsed from your most recent test date as scheduled by the JATC. A new application must be filled out to be eligible for another test. See the list of deadline dates for applying in the applicant section of our website.

## Should I work as fast as I can when taking the test?

Most applicants will find they have time to complete each of the tests without rushing. You should work steadily and carefully. Do not spend too much time on any one question.

## Should I study to do better on the test?

You should review the sample questions online at: <http://electricaltrainingalliance.org/samplepage>

If you find that certain types of questions are difficult for you, you can review material that is similar to those questions. However, there is no need to memorize certain formulas or factual material in order to do well on the tests. The JATC does not provide study material for the aptitude test, but our national training center does offer refresher courses at: [Electrical Prep - Math](#) and [Electrical Prep - Reading](#). The cost for the course is \$49.95 and expires 270 days after purchase. See the website for more information.

Sites like [Khan Academy](#), [Purple Math](#), [Math Antics](#), and the [Cool Math Guy](#) have **free** videos to help you understand basic algebra, which is what you're going to see on the aptitude test.

## Will I receive a report of my score?

You will receive an email within 2 weeks of your test date with your test score. You are given an overall score of 1-9, with 9 being the highest. You must receive a score of at least 4 or higher to pass. Scores below the minimum standard are not given a numerical score and constitute a fail of the Aptitude Test. Your math and reading scores will be broken out on the following scale: High, Above average, Average, Below Average, Low or Below Minimum.

## **What if I become ill or have an emergency on the day of the test?**

Call the JATC immediately if you are still interested, but will not be present at the aptitude test session. Upon review of your situation and application, you will either be rescheduled by the JATC for the next available test session or will have to reapply. Please note that your test date can only be rescheduled once; if you cannot attend your rescheduled test date, you would need to reapply with the JATC.

## **What should I bring the day of the test?**

You must bring a photo ID to the test session. Pencils and all other materials will be provided. You will not be able to use a calculator for the test.

## **If I have to leave before the test is finished, can I complete the test on another day?**

No. If you do not complete each section, your test will be graded as if you did complete the test and your score will certainly be lower than if you had completed the test. The tests must be completed during your test session. You cannot finish the tests on another day. You will not be able to retake the test for a minimum of six months.

## **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.