

**SUBMIT YOUR RESUME**

**COLUMBIA, MARYLAND  
SALEM, NEW HAMPSHIRE**

# TEMPEST APPRENTICE

## API'S TEMPEST APPRENTICE PROGRAM

Looking for a LONG-TERM career opportunity and learning adventure? Travel and train to become one of less than 100 TEMPEST experts in the Nation. Our elite training program will set you up for a solid career path in this unique field of engineering. We will train you!

Training will take place in the Baltimore, MD Metropolitan area for the duration of 6-8 months\*.

Our proven Apprenticeship program has changed the lives of many employees by providing them with engineering skills without the constraints of a formal degree program.

What is an apprenticeship? You will be given instruction with on-the-job training. Unlike an internship, apprentices in our program are paid *while* they learn. Once certified as one of API's Certified Tempest Professional (CTP), you become eligible for substantial increases in pay, including bonuses! With a combined 50+ years of experience in this field, you can rest assured, your training is in good hands.

API has created a renowned program that keeps our Apprentices engaged in learning and provides a step by step program for career development. And, we make it fun!

\*For positions available in New Hampshire; you will live in Maryland during the training period and then relocate back to New Hampshire, once training is complete.

Keep reading for details about the position.

*Continued*

# TEMPEST APPRENTICE

## SECURITY CLEARANCE

MUST BE ABLE TO OBTAIN A SECURITY CLEARANCE and pass applicable background screenings

## ESSENTIAL DUTIES & RESPONSIBILITIES

Other duties may be assigned

- Understands test schedules and work assignments.
- Read and understand test plans. Including test setup, test modes, test messages, and test monitors.
- Installs the equipment under Test (EUT) in the shielded enclosure in accordance with the test plan and current National TEMPEST Standard.
- Verifies that the EUT is operational in all test modes.
- Verifies that the detection system test equipment is in calibration and that it is operating correctly.
- Performs test setup ambient measurements.
- Performs detection system sensitivity measurements.
- Maintains TEMPEST Status log book on the AIS.
- Conducts TEMPEST Quality Assurance tests under the direct supervision of a CTP I or CTP II in accordance with the approved test plan and the current National TEMPEST Standard.
- Posts the test results using the appropriate software for review.
- Studies for NSA Certified TEMPEST Professional Tests.
- Attends project/engineering meetings as required.

## SUPERVISORY RESPONSIBILITIES

This job has no supervisory responsibilities.

## EDUCATION AND/OR EXPERIENCE

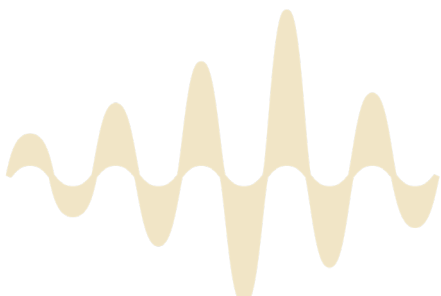
Electronics background preferred, but not required.

## LANGUAGE SKILLS

Ability to read and interpret documents such as safety rules, operating and maintenance instructions, and procedure manuals. Ability to write routine reports and correspondence. Ability to speak effectively before groups of customers or employees of organization.

## MATHEMATICAL SKILLS

Ability to calculate figures and amounts such as discounts, interest, commissions, proportions, percentages, area, circumference, and volume. Ability to apply concepts of basic algebra and geometry.



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## REASONING ABILITY

Ability to calculate figures and amounts such as discounts, interest, commissions, proportions, percentages, area, circumference, and volume. Ability to apply concepts of basic algebra and geometry.

## PHYSICAL DEMANDS

The physical demands described here are representative of those that must be met by an employee to successfully perform the essential functions of this job. Reasonable accommodations may be made to enable individuals with disabilities to perform the essential functions. While performing the duties of this job, the employee is regularly required to use hands to finger, handle, or feel and reach with hands and arms. The employee frequently is required to sit. The employee is occasionally required to stand and walk. The employee must occasionally lift and/or move up to 100 pounds. Specific vision abilities required by this job include close vision, and color vision.

## WORK ENVIRONMENT

The work environment characteristics described here are representative of those an employee encounters while performing the essential functions of this job. Reasonable accommodations may be made to enable individuals with disabilities to perform the essential functions. While performing the duties of this job, the employee is occasionally exposed to risk of electrical shock. The noise level in the work environment is usually moderate. Work environment characteristics described here are representative of those an employee encounters while performing the essential functions of this job. Reasonable accommodations may be made to enable individuals with disabilities to perform the essential functions. While performing the duties of this job, the employee is occasionally exposed to risk of electrical shock. The noise level in the work environment is usually moderate.

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