

NON-DESTRUCTIVE TESTERS AND INSPECTORS

NOC 22230

Conduct tests that provide information about the condition of materials and components without destroying them. They use equipment, such as radiographic, ultrasonic, and magnetic particle devices.



3-YEAR OUTLOOK

Undetermined

3-YEAR JOB OPENINGS

15

MEDIAN HOURLY WAGE

$32.64

$19.56 LOW — $49.75 HIGH

TYPICALLY REQUIRED

College or apprenticeship

EMPLOYED

253

AVERAGE SALARY

$112,000



EMPLOYMENT BY INDUSTRY

61.5%	Professional, scientific and technical services
12.8%	Manufacturing
10.3%	Construction
15.4%	All Other Industries



EMPLOYMENT BY AGE

7.7%	15-24
28.2%	25-34
23.1%	35-44
28.2%	45-54
10.3%	55-64
2.6%	65+

ALSO KNOWN AS

- Acoustic Emission Technician
- Aircraft Non-Destructive Inspection Technician
- Eddy Current Technician
- Industrial Radiographer
- Infrared Thermographer
- Liquid Penetrant Testing Technician

MAIN DUTIES:

This group performs some or all of the following duties:

- Transport, set up and calibrate non-destructive testing equipment
- Conduct tests to ensure quality or detect discontinuities (defects) using ultrasonic, radiographic, liquid penetrant, magnetic particle, eddy current and other non-destructive testing methods
- Establish techniques for proper examination of objects under inspection, ensuring strict adherence to safety regulations
- Interpret radiographs, cathode ray tube (CRT) or digital readouts, conductivity meters and visual indicators
- Apply testing criteria in accordance with applicable specifications or standards and evaluate results.

