

NON-DESTRUCTIVE TESTING



"I like challenging work, variety and can work on numerous and different projects. No two jobs are the same!"



ABOUT THIS CAREER

Non-Destructive Testers use a variety of scientific methods and equipment to assess the integrity and properties of a material without damaging it. Types of testing methods include: eddy current testing, liquid penetrant testing, magnetic particle testing, radiographic testing and ultrasonic testing.

~6,500
by 2032*

PROJECTED CONSTRUCTION
WORKERS RETIREMENTS BY 2034

**BuildForce Canada*



You enjoy working with tools, equipment, instruments and machinery.



You are methodical and good at following established processes and procedures.



You are comfortable working at heights, in confined spaces and in all types of weather.

RESPONSIBILITIES

- Determine type of testing methods to be used for the assessment
- Conduct testing on materials, components, structures, etc. following established processes and procedures
- Compile, analyze and communicate data gathered from testing methods
- Can be found working in a variety of sectors including construction, manufacturing, automotive, etc

HOURLY PAY Dependent on Certifications and Experience (based on 2023 collective agreement Journey person hourly rate)

DID YOU KNOW?

Individuals who work as NDT professionals are often described as objective, innovative and methodical as their work requires great attention to detail and process.

WHAT YOU'LL NEED

Entering the Trade

Non-Destructive Tester is not a designated trade in New Brunswick. Individuals looking to enter the field should complete high school and seek additional education through various post-secondary institutions & organizations that offer training in the various testing methods (for example, Quality Control Council of Canada, Canadian Welding Bureau, etc.). Non-Destructive testing certification by Natural Resources Canada is available in three levels and is usually required by employers.

Key Skills & Attributes

(technical training and on the job)

- Strong communication, problem-solving and planning skill
- Strong reading and numeracy
- Planning and problem-solving
- Ability to understand complex information and analyze data
- Experience using precision tools & machinery
- Ability to work in high places
- Ability to work outdoors in diverse weather



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