



rpc

SCIENCE & ENGINEERING

921 College Hill Rd. Fredericton, NB Canada E3B 6Z9
115 A Harrisville Blvd. Moncton, NB Canada E1H 3T3

NDT Inspection and Field Testing

RPC provides a wide range of Non-Destructive Test (NDT) inspections as well as videoscoping, ultrasonic flowmetering and strain gauging. Testing can be performed on-site or in our lab using liquid penetrant, magnetic particle and ultrasonic examination. Training and testing of NDT procedures are also provided at RPC.

Qualifications

Our field technicians are qualified to perform mechanical testing to the requirements of CWB Standards for Welder and Weld procedure qualification as well as maintaining on staff Levels 1, 2 and 3 inspectors for Non-Destructive and Destructive Testing. RPC has over 20 years of experience with in-field inspections of nuclear and fossil plants, pulp and paper and oil and gas facilities. RPC's expertise is in specialized inspections using ultrasonic, LP, MP, ultrasonic flow meters and videoscope equipment. We also specialize in on-site strain gage testing of hydro dams, cranes and power plant piping for signs of stress.

Services

- High and low temperature ultrasonic flow metering
- Liquid penetrant examination
- Magnetic particle examination
- Replica metallography
- Ultrasonic examination
- Videoscope inspections
- Strain gauge testing
- Training and testing of NDT procedures
- Hardness testing
- Positive material identification

Facilities/Equipment

- Complete laboratory for visual and fluorescent inspections
- Wet bench facilities
- Full metallographic laboratory
- Fully equipped machine shop

Contact

For further information regarding our services please contact:

John Speelman, P.Eng.
Senior Metallurgist, Physical Metallurgy
Tel: 506.460.5674
Email: john.speelman@rpc.ca

Flow metering and strain gauging:

John Aikens, P.Eng.
Dept. Head, Mechanical Systems and Metallurgy
Telephone: 506.460.5766
Email: john.aikens@rpc.ca

RPC's Quality Management System is registered to ISO 9001:2008.

www.rpc.ca