

Mechanical Tests

*Do you need to have a product tested in the development or prototype stage?
Do you need qualification or pre-certification tests done?
Our professionals are here to help!*



Compression and Bending Test
PRODUITS ALBA INC.



Tensile Test
INDUSTRIES GIRAFF INC.

EXPERTISE

- Mechanical Resistance, Strength and Fatigue Tests on Products or Product Components:
 - ♦ Custom pneumatic or hydraulic setups
 - ♦ Traction, compression, bending, shear and rupture tests
 - ♦ Static and dynamic tests
 - ♦ Tests according to standards or test protocols defined by clients
 - ♦ Development of testing protocols
 - ♦ Test bench design
- Stress Analysis:
 - ♦ Finite element
 - ♦ Strain gages
 - ♦ Photoelasticity
 - ♦ Real situation data acquisition

CRIQ

CENTRE DE RECHERCHE
INDUSTRIELLE DU QUÉBEC

EQUIPMENT

- Different capacity hydraulic jacks controlled in load or in displacement
- Multi-axial control system for static or dynamic fatigue tests
- Sets of pneumatic and hydraulic jacks
- Sensors: pressure, force, deformation, displacement, acceleration
- Mechanical components for a wide range of assemblies
- Data acquisition systems: Megadac (over 100 channels) and Labview
- NISA finite element software

INFORMATION

For more information, contact our customer service at :

(514) 383-3210 or 1 800 667-4570, ext. 3210.

or visit our web site : www.criq.qc.ca

CRIQ is certified ISO 9001

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