

Cranfield Impact Centre

VCA Approved Seat Homologation Rigs



CIC has established a seating laboratory for homologation, product research and development activities. This consists of a dynamic and static test rig for seat strength and head restraint testing. Both rigs - capable of satisfying a range of Federal and European legislative requirements - have been type-approved for use by the UK's Vehicle Certification Agency (VCA).

Static Seat Test Rig

- Seat Back Loading, Headrest Loading and Displacement Measurements
- Satisfies tests defined in 74/408/EEC, 78/932/EEC, R17, R25 and FMVSS 202
- Can also be used for Back Loading to satisfy FMVSS 207

Dynamic Seat Test Rig

- Pendulum Impactor capable of carrying out Seat Energy Dissipation Testing
- Satisfies tests defined in 74/408/EEC, 78/932/EEC, R17 and R25

Full data acquisition is available together with the option of video and high-speed colour digital photography.

Confidentiality is assured in a secure test environment.

For further details, please contact:

Robin Butler
Test Facilities Manager
Cranfield Impact Centre
Tel: +44 (0) 1234 754033
Fax: +44 (0) 1234 751671
Email: p.r.butler@cranfield.ac.uk
Website: www.cicl.co.uk

