

Services

Conveyor Belt Testing



TUNRA Bulk Solids offers a wide range of

UNIVERSITY (NEWCASTI AUSTRALIA

TUNRA Bulk Solids will carry out custom Conveyor Belt tests to suit the individual needs of our clients and according to requested International Standards





What Conveyor Belt Testing Services are available?

Textile Reinforced Belting

- Thickness of belting and rubber covers across the width
- Full thickness tensile strength and elongation
- Troughability
- Cover and ply adhesion
- Resistance to tear propagation
- Electrical resistance
- Ignitability and flame propagation characteristics
- Ignitability and maximum surface temperature of belting subjected to friction
- Belt tracking

Steel Cord Belting

- Belt tracking
- Cord diameter
- Cover thickness of belting across the belting width
- Cover thickness and vertical cord location of cords in belting
- Cord pitch
- Cord breaking force
- Static pull-out strength before and after reheating
- Laminate adhesion
- Dynamic cord pull-out fatigue resistance
- Cord elastomeric compound penetration

Solid Woven Belting

Cover Rubber Specific Tests

- Tension testing of vulcanised or thermoplastic rubber
- Durometer hardness
- Abrasion resistance
- Accelerated aging of elastomers

Splice Inspections and Testing

Indentation Rolling Resistance Testing



Why TUNRA Bulk Solids?

Experience and Expertise

We have provided expert solutions to industry for over 45 years and are the leading organisation for materials handling research and consulting in Australia and internationally

Research and Development

We have a proven track record in research and development through the close association with The University of Newcastle

Quality Service

We have highly qualified, well-trained and specialist staff that are committed to delivering excellence

First Class Facilities

Our laboratory is a state of the art facility located within the Newcastle Institute of Energy and Resources (NIER) at The University of Newcastle

Industry Standards

We are accredited to ISO 9001, ISO 45001 and ISO 14001

Independent We are independent and not for profit

Further information • To access our Case Studies

- To access our Case Studies
 visit www.bulksolids.com.au
- To discuss your industry and business needs
 phone 02 4033 9055

