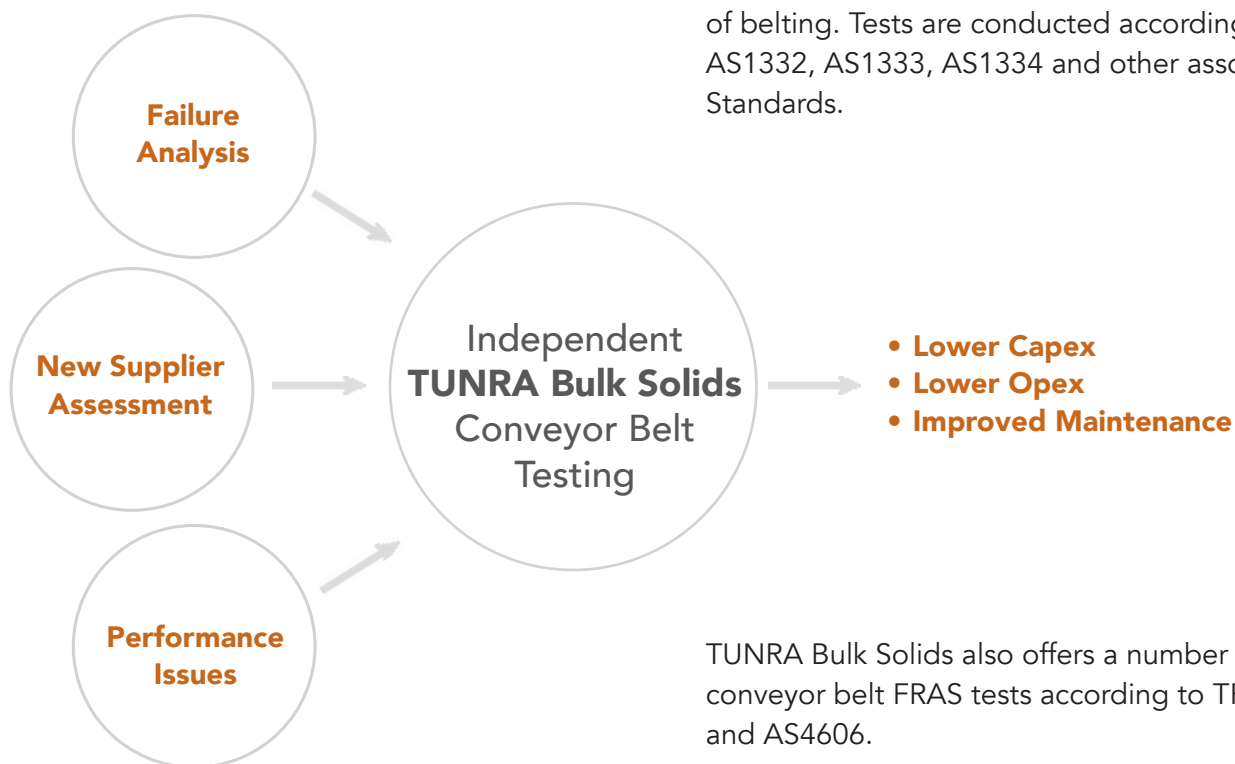




Services

Conveyor Belt Testing



TUNRA Bulk Solids offers a wide range of conveyor belt testing services covering all types of belting. Tests are conducted according to AS1332, AS1333, AS1334 and other associated Standards.

TUNRA Bulk Solids also offers a number of conveyor belt FRAS tests according to TRG3608 and AS4606.

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 Fibre 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
- ▶ Oxygen index
- ▶ Cut and gouge resistance
- ▶ 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

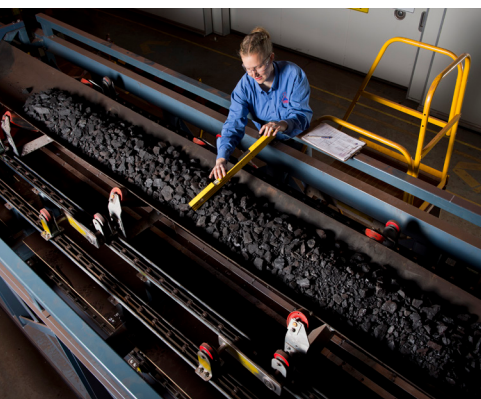
Our laboratory is a state of the art facility located within the Newcastle Institute of Energy and Resources (NIER) at The University of Newcastle

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