



Automotive Safety Engineering Pty Ltd

ABN 88 066 476 051

Postal Address: PO Box 113, LONSDALE, SA, 5160.

Test Facility: 28 Donegal Road, LONSDALE, SA, 5160.

Mobile: 0417 845 711

Email: ase@internode.on.net
Web: www.autosafety.com.au



Phone: 08 8384 7863

Fax: 08 8384 3447

TOWBAR TEST

The failure of a towbar can have big consequences on the road. Two fatalities in the last two years have for example been linked to towbar failure in New Zealand alone. Several injury and non-injury incidents has occurred “just” because of malfunction of towbars.

“It is recommended that manufacturers who are unsure of what is required of them, obtain the services of a professional engineer to assist in the development, installation and commissioning of a test facility. This will reduce the likelihood of costly recalls as a result of having towbars rejected because of unsatisfactory test procedures.” Western Australia Transport Department



Towbars must be tested according to the Australian standards ADR62/01 and AS4177.1-1994). These standards are important to make sure every towbar is up to Australian standards and be able to handle the forces put on them.

The two major requirements on towbars for manufacturers is that they have to be tested to ensure that they have sufficient strength and that they have permanent displaying of information about the towbar.



The testing required for towbars is straight forward and can be performed by a company specialising in material testing using a portable hydraulic power unit. Something that ASE has two of, this make the testing of towbar more efficient and give you a faster turnover time. ASE also do two types of tests, a static test and a cycle test to make sure we cover all parts on how to test a towbar.

At ASE we are very used to testing many different kinds of towbars, we have done it for 20 years.