


# Safety Barrier Technical Conditions for Use

## MASH Scorpion II TL-3 Trailer Attenuator

|  |  |                                       |
|--|--|---------------------------------------|
|  | <b>Issue Date:</b> 9 March 2020  | <b>Supplier:</b> A1 Roadlines Pty Ltd |
|  | <p><b>These conditions take precedence over any instructions in the Product Manual.</b></p> <p>This document is a summary of the Austroads Safety Barrier Assessment Panel's assessment of the technical performance of the product against AS/NZS 3845 Parts 1 or 2 only. It does not consider procurement practices by individual Road Agencies.</p> <p>The Austroads Safety Assessment Panel may at any time, withdraw or modify this Technical Conditions for Use without notice.</p> <p>These acceptance conditions should be read in conjunction with the Product Manual and Austroads Guide to Road Design Part 6: Roadside Design, Safety and Barriers.</p> <p>Acceptance of this product does not place any obligation on the Northern Territory Government or its contractors, to purchase or use the product.</p> |                                       |

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|-------------------------|---|
| Status                  | <b>Recommended for Acceptance</b>   |
| Product accepted        | MASH Scorpion II TL-3 Trailer Attenuator<br><u>Variants</u><br>Variants that are NOT listed above are NOT recommended for acceptance.     |
| Accepted Speed (km/h)   | 100 km/h  |
| Product manual reviewed | P/N 13083 Revision A1 Dated 1/10/2019   |
| Product manual          | <a href="#">A1Roadlines &gt; Attenuators (TMAs) &gt; TL-3 Trailer (TA) &gt; Scorpion II TL-3 MASH Eligible Trailer Attenuator 100KM/H</a> |

### System Details

|  |              |   |
|--|--------------|---|
| <p><b>This product must be deployed and maintained in accordance with the Product Manual and Road Agency specifications. Road Agency specifications and standards shall have precedence.</b></p> |              |   |
| Containment Level  |              | MASH TL3  |
| Support Vehicle Mass Including Ballast   | Minimum (kg) | 6151  |
|  | Maximum (kg) | Not applicable  |
| Roll Ahead Distance (m)  |              | 6.2   |
| TMA Dimensions And Weight  | Length (mm)  | 5400  |
|  | Width (mm)   | 2400  |
|  | Height (mm)  | 910   |
|  | Weight (kg)  | 873   |
| TMA Road Clearance (mm)  |              | Not applicable  |
| Systems Conditions   |              | <ol style="list-style-type: none"> <li>Support vehicle and trailer must be compliant with local vehicle regulations.</li> <li>Pintle hook and backing plate must be structurally certified.</li> <li>Support vehicle should not have secondary braking restraint (chocked).</li> <li>TMA must be inspected prior to each deployment to ensure no damage to outer casing and support.</li> <li>Support vehicle must be deployed in second gear or Park with handbrake engaged.</li> <li>TMA must be deployed in a straight alignment to the host vehicle.</li> </ol> |