



Intelligent Transport Systems

Acceptable Product Record

Acceptance No:	ITS-AN000045
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For:

Manufacturer	J1-LED Intelligent Transport Systems Pty Ltd
Product	Vehicle Activated Signs (VAS)

Summary Scope:

VAS Models in the series JT-D-0193.

Evaluation Reference:	ITS-EV0202	Approver	Manager TSI
Approver Signature:	<i>Raj J Roychoudhry</i>	Date	6 th December 2019

A) TfNSW Specification: TSI-SP-066 issue 3.0

B) Description and itemisation of the equipment covered:

Display Symbol	Model # (small)	Model # (large)
Slow Down text	JT-D-0193-1A	JT-D-0193-1B
Left curve	JT-D-0193-2LA	JT-D-0193-2LB
Right Curve	JT-D-0193-2RA	JT-D-0193-2RB
Left Reverse curve	JT-D-0193-3LA	JT-D-0193-3LB
Right Reverse Curve	JT-D-0193-3RA	JT-D-0193-3RB
Cross Roads	JT-D-0193-4A	JT-D-0193-4B
Roundabout	JT-D-0193-5A	JT-D-0193-5B
Winding Road	JT-D-0193-6A	JT-D-0193-6B
Slippery	JT-D-0193-7A	JT-D-0193-7B
Stop Sign Ahead	JT-D-0193-8A	JT-D-0193-8B
Side Road on outside of Left Curve	JT-D-0193-9LA	JT-D-0193-9LB
Side Road on outside of Right Curve	JT-D-0193-9RA	JT-D-0193-9RB
Side Road on Inside of Left Curve	JT-D-0193-10LA	JT-D-0193-10LB
Side Road on Inside of Right Curve	JT-D-0193-10RA	JT-D-0193-10RB
Steep Descent	JT-D-0193-11A	JT-D-0193-11B
Give Way Sign Ahead	JT-D-0193-12A	JT-D-0193-12B
Hairpin Bend Right	-	JT-D-0193-13RB
Hairpin Bend Left	-	JT-D-0193-13LB
Kangaroo	-	JT-D-0193-0598
Reduce speed when wet	-	JT-D-0193-RSW
Speed Matrix & slow down	JT-D-0193-FMB	JT-D-0193-FMC
Speed 10 & slow down	JT-D-0193-10B	-
Speed 15 & slow down	JT-D-0193-15B	-
Speed 20 & slow down	JT-D-0193-20B	-
Speed 40 & slow down	JT-D-0193-40B	JT-D-0193-40C
Speed 50 & slow down	JT-D-0193-50B	JT-D-0193-50C
Speed 60 & slow down	JT-D-0193-60B	JT-D-0193-60C
Speed 70 & slow down	JT-D-0193-70B	JT-D-0193-70C
Speed 80 & slow down	JT-D-0193-80B	JT-D-0193-80C
Speed 90 & slow down	JT-D-0193-90B	JT-D-0193-90C
Speed 100 & slow down	-	JT-D-0193-100C

Note: Speed signs integrate the speed symbol with the text “slow down” on a single display face. The others use a diamond hazard display combined with a separate “slow down” text display.

C) Scope of use for which acceptance applies.

General applications of vehicle activated signs.

D) Conditions of use

1. The early deactivation feature as per item 6.1(iii) of TSI-SP-066v3 is not provided.
2. SMS or email alarm notification is not provided from the product host control system as per item 6.5.2 of TSI-SP-066v3. However, the sign supports the TfNSW protocol TSI-SP-003, so an equivalent notification of alarm state may be achieved if connected to a supporting host control/alarm system using that protocol.
3. Luminance and luminance ratios were not exactly as specified, although the sign remained visible in adverse low sun conditions from the data presented. Signs may be less prominently visible than desirable in some lighting conditions.