



Intelligent Transport Systems

# Type Approval

<b>Certificate No:</b>	<b>ITS-TAN000091</b>
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Issued to:

Arrow Emergency Systems Pty Ltd

For:

Type-1 Portable Traffic Signals			
RMS Specification:	TSI-SP-059	Version:	1.0

Summary Scope:

Model: **e-STOP**  
PTU Controller: **CP000922**  
PTU Software: **ATCD\_Slave – 7.1**  
HRC Model: **CP000214**  
HRC Software: **ATCD\_Master – 6.1**

Note: Conditions of approval are on the reverse side of this certificate.

Evaluation Reference:	ITS-EV00172	Approver:	Manager TSI
Approver Signature:	<i>Raj J Roychoudhry</i>	Date:	20th March 2019

**A) Description and itemisation of the equipment covered by the type approval:**

Type-1 portable traffic signals set – (models: e-STOP), comprising:

- Pair of RMS Type Approved 200mm Roundel traffic signal lanterns complete with associated Target Board. PTU Controller and amber lamp (for red light indicator);
- Pair of 12V 26AH Lithium Ion Phosphate (IP54) batteries with latching connector and battery charger;
- Pair of IP65 rated Handheld Remote Controllers (HRC) with 3·7V 3AH Lithium Polymer batteries and dual-port USB charger;
- Pair of two-piece tripods with adjustable locking column and battery pack holder;
- Wireless 2·4GHz (Bluetooth device) operation.

**B) Summary of deviations from specified requirements:**

The e-STOP product does not provide dimming as required by RMS Specification TSI-SP-059.

**C) Relevant Specifications, Drawings and Standards:**

RMS Specification TSI-SP-059 specifies that the Type-1 portable traffic signal lanterns shall comply, where applicable, with requirements of AS 4191:2015 and/or RMS Specification TSI-SP-049.

**D) Conditions of use:**

Certificate users shall verify with RMS whether this certificate is current, valid, and applies to the latest RMS specification version, when using in situations where current validity is required.

**E) Related Certification History:**

Certificate Number	Issued	EV Number	Description or change details