



Transport  
for NSW

Intelligent Transport Systems

# Type Approval

Certificate No:

ITS-TAN000101

Issued to:

A1 Roadlines Pty Ltd

For:

Device Type	Portable Traffic Light Signals		
TfNSW Specification:	TSI-SP-049	Version:	1.0

## Summary Scope:

Model: **CS – 200**  
Software: **V 1.05**  
Operation: **Auto and Manual**  
Power: **Batteries with Solar Charging**

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

Evaluation Reference:	ITS-EV0206	Approver	Manager TSI
Approver Signature:	<i>Raj J Roychoudhry</i>	Date	16 Jan 2020

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

Portable Traffic Light System with two trailers, each trailer comprising:

- CS-200 Master or Slave Controller;
- Transceiver radio-link communication – (Maxon DM-0515);
- RMS type approved 200mm roundel LED traffic signal lantern;
- Eight 75AH 6V deep cycle batteries;
- Two 75W Solar cells;
- Plasmatronics Solar Charging Controller – PL20 (12 to 48V);
- AGD: Doppler Speed Radar – AGD200;
- Manual winch to raise/lower the lantern into its operational position;
- Wireless remote – TRH3.

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

Nil.

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

RMS Specification TSI-SP-049 specifies that the traffic signal lanterns shall comply with all the requirements of AS 4191:2015, except as varied in 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
0005-PTSAR1-0-1	9/03/2000	n/a	0005-PTSAR1-0-1 has been renewed and superseded by this certificate.