



Intelligent Transport Systems

# Type Approval

<b>Certificate No:</b>	<b>ITS-TAN000148</b>
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Issued to:

**HMI Technologies**

For:

<b>Device Type</b>	<b>Variable Message Signs</b>		
TfNSW Specification:	TSI-SP-008	Version:	7.0

Summary Scope:

VMS Types A, B and C. LV and ELV variants. Protocol TSI-SP-003.

Evaluation Reference:	ITS-EV00344	Approver	Snr Manager Specifications and Evaluations
Approver Signature:	<i>Raj J Roychoudhry</i>	Date	20 <sup>th</sup> Feb 2024

**A) Description and itemisation of the equipment covered by the Type Approval:**

Variable Message Signs, Types A, B and C. Includes both LV and ELV variants.  
Protocol TSI-SP-003. The applicable models are:

Sign Type	Supply Voltage	HMI model number
A	LV	NSW-VMS-A-RGBL-23
	ELV	NSW-VMS-A-RGBL-23-ELV
B	LV	NSW-VMS-B-RGBL-23
	ELV	NSW-VMS-B-RGBL-23-ELV
C	LV	NSW-VMS-C-RGYW-21
	ELV	NSW-VMS-C-RGYW-21-ELV

A roadside cabinet was not part of the submission, so is not covered by this certificate.

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

Nil

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

TSI-SP-008 v7.0, TSI-SP-003 v5.0, AS4852.1: 2019, TSI-SP-062 v1.0 and TSI-SP-012 v2.0.

**D) Conditions of use**

1. A roadside cabinet evaluated as compliant with TSI-SP-008 and connected as detailed in the VMS manuals for this product will need to be provided.
2. The roadside cabinet and its connections may be supplied by either HMI or a third party, provided it meets the requirements of item (1).

**E) Related Certification History.**

Certificate Number	Issued	EV Number	Description or change details
ITS-TAN000144	10/1/24	ITS-EV00337	Superseded by this certificate, that adds ELV variants.