ROADS AND MARITIME SERVICES

TRAFFIC SYSTEMS

SPECIFICATION NO. TSI-SP-079

CABLE JOINTING KIT

Issue: 1.0
Dated: 12/08/2019
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## RECORD OF AMENDMENTS

<table>
<thead>
<tr>
<th>Issue</th>
<th>Summary</th>
<th>Date</th>
<th>Approved by</th>
</tr>
</thead>
<tbody>
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</tr>
</tbody>
</table>
CONTENTS

1 SCOPE ........................................................................................................................................... 5

2 REFERENCES AND APPLICABLE DOCUMENTS .......................................................................... 5
   2.1 AUSTRALIAN AND INTERNATIONAL STANDARDS ................................................................. 5
   2.2 RMS Documents ....................................................................................................................... 5
   2.3 RMS Drawings ......................................................................................................................... 5

3 DEFINITIONS AND GLOSSARY OF TERMS .............................................................................. 5

4 REQUIREMENTS ............................................................................................................................. 5
   4.1 JOINING KIT ........................................................................................................................... 5
   4.2 MARKING ............................................................................................................................... 5
   4.3 PACKAGING .......................................................................................................................... 5

5 PROCEDURE .................................................................................................................................. 5

6 QUALITY ASSURANCE AND CONTROL ..................................................................................... 6
   6.1 QUALITY SYSTEM .................................................................................................................... 6
   6.2 QUALITY PLAN ......................................................................................................................... 6
   6.3 QUALITY AUDITS .................................................................................................................... 6

7 APPROVAL ..................................................................................................................................... 6
1 SCOPE

This specification covers the general requirements for cable accessories, specifically for jointing 29 core traffic signal cables.

2 REFERENCES AND APPLICABLE DOCUMENTS

2.1 Australian and International Standards


2.2 RMS Documents

[2] TS201 – Approval of ITS Field Equipment

2.3 RMS Drawings


3 DEFINITIONS AND GLOSSARY OF TERMS

For the purposes of this Specification, the following definitions and abbreviations shall apply:

<table>
<thead>
<tr>
<th>Term</th>
<th>Definition</th>
</tr>
</thead>
<tbody>
<tr>
<td>ITS</td>
<td>Intelligent Transportation Systems</td>
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<tr>
<td>RMS</td>
<td>Roads and Maritime Services, a New South Wales government agency</td>
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<td>TSI</td>
<td>Traffic Systems Integration</td>
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</tbody>
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4 REQUIREMENTS

4.1 Joining Kit

The items and their quantities required for both the 19 core and 29 core cable kits are specified in drawing VM417-03 [3].

4.2 Marking

Manufacturers identification and date of manufacture shall be marked on a non-corrosive tag clearly, indelibly and water resistant. The tag and cable tie to be supplied with each kit.

4.3 Packaging

Each kit to be individually packed into a strong sealed clear plastic bag with a label securely attached indicating the kit type, product code and date of manufacture.

5 PROCEDURE
The method of jointing multi-core traffic signal cables is outlined in drawing VM417-03 [3].

6 QUALITY ASSURANCE AND CONTROL

6.1 Quality System

The Supplier and the manufacturer shall operate a quality management system complying with ISO 9001 [1], certified by an accredited quality management system certification body.

6.2 Quality Plan

The manufacturer shall document a quality plan. A copy of this quality plan shall be provided to RMS as part of the approval process. Acceptance of this quality plan by RMS is a prerequisite to gaining overall approval.

6.3 Quality Audits

RMS reserves the right to examine the Manufacturer’s quality records pertaining to an order. RMS also reserves the right to arrange for an independent quality audit concerning items in contract.

7 APPROVAL

To gain approval the Supplier shall follow the process defined in TS201 [2].

The Supplier shall submit the following documentation, as a minimum, in support of a submission for product approval via email to the ITS Help Desk: (ITSHelpDesk@rms.nsw.gov.au).

a) A clause-by-clause statement of compliance, and associated evidence, referenced to each compliance item, with this Specification and applicable sections of referenced standards;

b) Other documentation requested by RMS under the processes defined in TS201 [2].

c) When a submission for acceptance is made, RMS may request a sample as part of the assessment

d) A full list and description of all departures from the requirements of this Specification