**NZTA M14:2022**

Acceptance Listing for EMPs

Appendix H

#### Table H-1: Provisional Acceptance:

#### Table H-2: TypeAcceptance:

#### 

**January 2022**

**Edition 2.0**

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More information

Waka Kotahi

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This listing will be updated periodically to incorporate advances in technology and changes within the industry. The Waka Kotahi website should be checked to confirm the most recent edition of the specification.

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| Record of Amendments | | | |
| **Edition Number** | **Subject of change** | **Effective Date** | **Updated by** |
| 1 | M14:2018 Notes to the Specification |  |  |
| 2 | **Revised to become:**  M14:2022 Acceptance listing for EMPs  **Withdrawn:**  M14:2018 Notes to the specification | January 2022 | Joe Southey |

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| **Table H:1** EDGE MARKER POSTS (EMPs**)** Provisional Acceptance | | | | |  | |
| ***EMP manufacturers must meet with Waka Kotahi 12 months after date shown to apply for Type Acceptance*** | | | | |
| **Trade Name** | **Supplier** | **Substrate Material**  **& Retroreflective Class** | **Post Type and Installation**  and Barrier Approval | **Comments**  **(see Notes 1 and 2 below)** | | ***12 Month***  ***Provisional Acceptance*** |
| **Date Commenced** |
| **Steel-Flex Guidepost** | **Delnorth Pty Ltd** | Hot dip galvanised and Powder coated steel (7) | **PG-C**  Penetrable ground use only | * Min length 1.4m * Fitted anchoring clip/barb * ID label fixed to rear of post | | March 2011  Now Type Accepted |
| **RTL Slim Pro 1 EMP** | **Roadsigns and Traffic Control Equipment Ltd** | PVC | **PG-C**  Penetrable ground use only | * Min length 1.4m * Fitted anchoring clip/barb * ID RTL date and SP1 | | December 2010  Now Type Accepted |
| **Sreka MK11 EMP** | **Sreka Industries Ltd** | PVC **(8)** | **PG-C**  Penetrable ground use only | * Min length 1.4m * Fitted anchoring clip/barb * ID MK11 | | March 2011  Now Type Accepted |
| **Sreka MK19 EMP** | **Sreka Industries Ltd** | PVC **(8)** | **PG-C**  Penetrable ground use only | * Min length 1.4m * Fitted anchoring clip/barb * ID MK19 | | March 2011  Now Type Accepted |
| **Steel-Flex Surface Mount SFSM-1 EMP** | **Delnorth Pty Ltd** | 1.5mm Hot dip galvanised and Powder coated Flexible steel **(9)** | Use with surface mount Steelflex base only  NP-S | * 1.06m min length * Yellow polyurethane base * Steelflex SFSM-1 label on rear of post | | February 2008  Now Type Accepted |
| **Traffic Signs TSL-2 EMP** | **Traffic Signs Ltd** | PVC | **PG-C**  Penetrable ground use only | * 1.410mm length – 3mm * Fitted anchoring clip/barb * ID TSL-2 and date | | October 2009  Now Type Accepted |
| **NOTES:**   1. Cleaning instructions provided by EMP Supplier 2. The Contractor and the Road Controlling Authority Engineer shall ensure that only posts clearly identified are installed, see Clause 5.5 NZTA M14 Specification   **7** Fabrication 1.2 mm x 104 mm x 1400 mm spring steel in accordance with EN 10051 and EN 10025 Hot dip galvanised and Jotun Corro-coat PE-F  Series 3 powder coated.  **8** OVC Sreka formulation YS672 ridged  **9** Fabrication 1.2mm flexible steel with smooth gloss white powder coat to a minimum thickness 70 microns over hot dip galvanised anticorrosive treatment to a minimum thickness of 70 microns over the entire length | | | | | | |
| **Trade Name** | **Supplier** | **Substrate Material**  **& Retroreflective Class** | **Post Type and Installation** and Barrier Approval | **Comments**  **(see Notes 1 and 2 below)** | | ***12 Month***  ***Provisional Acceptance*** |
| **Date Commenced** |
| **Traffic Signs**  **TSL-4 EMP** | **Traffic Signs Ltd** | PVC | **PG-C**  Penetrable ground use only | * 1.410mm length – 4mm * Fitted anchoring clip/barb * ID TSL-4 and date | | July 2019  Now Type Accepted |
| **Signfix Systems ALM EMP** | **Signfix Systems Ltd** | PVC  Class 400 HI Prismatic | **PG-C**  Penetrable ground use only | * 1.4m length * Fitted anchoring clip/barb * ID ALM and date | | October 2009  Now Type Accepted |
| **Signfix Systems KZE EMP** | **Signfix Systems Ltd** | PVC  Class 400 HI Prismatic | **PG-C**  Penetrable ground use only | * 1.4m length * Fitted anchoring clip/barb * ID KZE and date | | October 2009  Now Type Accepted |
| **Traffic Signs**  **TSL-B2 BEMP** | **Traffic Signs Ltd** | PVC | **BEMP**  Barrier edge marker post | * 480mm length – 3mm * Wire rope and Semi-Rigid | | January 2023 |
| **Traffic Signs**  **TSL-SR Barrier** Bracket | **Traffic Signs Ltd** | Aluminium | **BEMP**  Ezy-Guard 4 Semi-Rigid Barrier  Nu-Guard 31 Semi-Rigid Barrier | * Ingal Civil Products * CSP Pacific * Install at W-Beam intermediate post - Not splice joints * positioning only on tangential barrier runs | | August 2019  Now Type Accepted |
| **Traffic Signs**  **TSL-WR Barrier** Bracket | **Traffic Signs Ltd** | Aluminium | **BEMP**  Safence WRSB Barrier  ArmorWireTM WRSB Barrier  Brifen WRSB Barrier | * Ingal Civil Products * CSP Pacific * Steelgal NZ Ltd * Topmost cable attachment * Not for terminal end installation | | August 2019  Now type Accepted |
| **Splice Construction**  **SR Barrier Bracket** | **Splice Construction Ltd** |  | **BEMP** \*  Ezy-Guard 4 Semi-Rigid Barrier  Nu-Guard 31 Semi-Rigid Barrier | * Ingal Civil Products * CSP Pacific * Install at W-Beam intermediate post - Not splice joints- positioning is only on tangential barrier runs. | | October 2017  Now Type Accepted |
| **\*** Ezy-Guard 4: An M16 x 35mm hex drive post bolt must be used with the Splice EMP Bracket for W-Beam Road Safety Barriers | | | |
| **Trade Name** | **Supplier** | **Substrate Material**  **& Retroreflective Class** | **Post Type and Installation** and Barrier Approval | **Comments**  **(see Notes 1 and 2 below)** | | ***12 Month***  ***Provisional Acceptance*** |
| **Date Commenced** |
| **Splice Construction WRSB Barrier Bracket** | **Splice Construction Ltd** |  | **BEMP**  Safence WRSB Bracket  ArmorWireTM WRSB Bracket  Brifen WRSB Bracket | * Ingal Civil Products * CSP Pacific * Steelgal NZ Ltd * Topmost cable attachment * Not for terminal end installation * positioning is only on tangential barrier runs | | October 2017  Now type Accepted |
| **Sreka Industries Sreka 19b BEMP** | **Sreka Industries Ltd** | PVC | **BEMP**  Barrier Edge Marker Post | 480mm length – 3mm  Wire Rope and Semi Rigid | | January 2023 |
| **RTL Slim Pro SP-1B BEMP** | **Roadsigns and Traffic Control Equipment Ltd** | PVC | BEMP  Barrier Edge Marker Post | 480mm length – 3mm  Wire Rope and Semi Rigid | | January 2023 |
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| **NOTES:**   1. Cleaning instructions provided by EMP Supplier 2. The Contractor and the Road Controlling Authority Engineer shall ensure that only posts clearly identified are installed, see Clause 5.5 NZTA M14 Specification | | | | | | |

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| **Table H:2**  EDGE MARKER POSTS (EMPs) Type Acceptance | | | | |  | |
| ***Type Acceptance is for five (5) years. Manufacturer/Supplier must meet with Waka Kotahi to re-gain Type Acceptance*** | | | | |
| **Trade Name** | **Supplier** | **Substrate Material**  **& Retroreflective Class** | **Post Type and Installation** and Barrier Approval | **Comments**  **(see Notes 1 and 2 below)** | | ***Type Acceptance***  ***Expiry Date***  (Five years after confirmation) |
| **Steel-Flex Guidepost** | **Delnorth Pty Ltd** | Hot dip galvanised and Powder coated steel **(7)** | **PG-C**  Penetrable ground use only | * Min length 1.4m * Fitted anchoring clip/barb * ID label fixed to rear of post | | January 2023 |
| **RTL**  **Slim Pro 1** | **Roadsigns and Traffic Control Equipment Ltd** | PVC  Class 400 HI Prismatic | **PG-C**  Penetrable ground use only | * Min length 1.4m * Fitted anchoring clip/barb * ID RTL date and SP1 | | January 2023 |
| **Sreka**  **MK11 EMP** | **Sreka Industries Ltd** | UVPVC RE01D82 **(8)**  Class 400 HI Prismatic | **PG-C**  Penetrable ground use only | * Min length 1.4m * Fitted anchoring clip/barb * ID MK11 | | January 2023 |
| **Sreka**  **MK19 EMP** | **Sreka Industries Ltd** | UVPVC RE01D82 **(8)**  Class 400 HI Prismatic | **PG-C**  Penetrable ground use only | * Min length 1.4m * Fitted anchoring clip/barb * ID MK19 | | January 2023 |
| **Steel-Flex Surface Mount SFSM-1** | **Delnorth Pty Ltd** | 1.5mm Hot dip galvanised and Powder coated Flexible steel **(9)** | **NP-S**  Use with surface mount Steelflex base only | * 1.06m min length * Yellow polyurethane base * Steelflex SFSM-1 label on rear of post | | January 2023 |
| **Traffic Signs**  **TSL-2** | **Traffic Signs Ltd** | PVC  Class 400 HI Prismatic | **PG-C**  Penetrable ground use only | * 1.412mm length – 3mm * Fitted anchoring clip/barb * ID TSL-2 and date | | January 2023 |
| **Traffic Signs**  **TSL-4** | **Traffic Signs Ltd** | PVC  Class 400 HI Prismatic | **PG-C**  Penetrable ground use only | * 1.410mm length – 4mm * Fitted anchoring clip/barb * ID TSL-4 and date | | January 2023 |
| **NOTES:**   1. Cleaning instructions provided by EMP Supplier 2. The Contractor and the Road Controlling Authority Engineer shall ensure that only posts clearly identified are installed, see Clause 5.5 M14 Specification | | | | | | |

**7** Fabrication 1.2 mm x 104 mm x 1400 mm spring steel in accordance with EN 10051 and EN 10025 Hot dip galvanised and Jotun Corro-coat PE-F

Series 3 powder coated.

**8** OVC Sreka formulation YS672 ridged

**9** Fabrication 1.2mm flexible steel with smooth gloss white powder coat to a minimum thickness 70 microns over hot dip galvanised anticorrosive treatment to a minimum thickness of 70 microns over the entire length

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| **Trade Name** | **Supplier** | **Substrate Material**  **& Retroreflective Class** | **Post Type and Installation** and Barrier Approval | **Comments**  **(see Notes 1 and 2 below)** | ***Type Acceptance***  ***Expiry Date***  (Five years after confirmation) |
| **Signfix Systems ALM** | **Signfix Systems Ltd** | PVC  Class 400 HI Prismatic | **PG-C**  Penetrable ground use only | * 1.4m length * Fitted anchoring clip/barb * ID ALM and date | January 2023 |
| **Signfix Systems KZE** | **Signfix Systems Ltd** | PVC  Class 400 HI Prismatic | **PG-C**  Penetrable ground use only | * 1.4m length * Fitted anchoring clip/barb * ID KZE and date | January 2023 |
| **Traffic Signs**  **TSL-SR Barrier** Bracket | **Traffic Signs Ltd** | Aluminium | **BEMP**  Ezy-Guard 4 Semi-Rigid Barrier  Nu-Guard 31 Semi-Rigid Barrier | * Ingal Civil Products * CSP Pacific * Install at W-Beam intermediate post - Not splice joints * positioning only on tangential barrier runs | June 2024 |
| **Traffic Signs**  **TSL-WR Barrier** Bracket | **Traffic Signs Ltd** | Aluminium | **BEMP**  Safence WRSB Barrier  ArmorWireTM WRSB Barrier  Brifen WRSB Barrier | * Ingal Civil Products * CSP Pacific * Steelgal NZ Ltd * Topmost cable attachment * Not for terminal end installation | June 2024 |
| **Splice Construction**  **SR Barrier Bracket** | **Splice Construction Ltd** | Aluminium | **BEMP \***  Ezy-Guard 4 Semi-Rigid Barrier  Nu-Guard 31 Semi-Rigid Barrier | * Ingal Civil Products * CSP Pacific * Install at W-Beam intermediate post - Not splice joints- positioning is only on tangential barrier runs. | January 2023 |
| **\*** Ezy-Guard 4: An M16 x 35mm hex drive post bolt must be used with the Splice EMP Bracket for W-Beam Road Safety Barriers | | |
| **Splice Construction WRSB Barrier Bracket** | **Splice Construction Ltd** |  | **BEMP**  Safence WRSB Bracket  ArmorWireTM WRSB Bracket  Brifen WRSB Bracket | * Ingal Civil Products * CSP Pacific * Steelgal NZ Ltd * Topmost cable attachment * Not for terminal end installation * positioning is only on tangential barrier runs | January 2023 |
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| **NOTES:**   1. Cleaning instructions provided by EMP Supplier 2. The Contractor and the Road Controlling Authority Engineer shall ensure that only posts clearly identified are installed, see Clause 5.5 NZTA M14 Specification | | | | | |