

**ROADMARKING PAINT APPLICATOR**  
**CERTIFICATE OF COMPLIANCE WITH NZTA T/8: 2026**

|                  |                                               |                                |                    |               |        |
|------------------|-----------------------------------------------|--------------------------------|--------------------|---------------|--------|
| Applicator Type: | Type A                                        | Applicator Chassis No:         | JAAN1R75HM7100880  |               |        |
| Registration No: | RGE497                                        | Applicator Make:               | 2025 Isuzu NQR 500 |               |        |
| Owner:           | Downer NZ Ltd                                 | Applicator Fleet No:           | 176287             |               |        |
| Address:         | 133 Main South Road, Green Island,<br>Dunedin | No. & Capacity of Paint Tanks: | Tank 1<br>600      | Tank 2<br>300 | Tank 3 |
|                  |                                               | No. & Capacity of Bead Tanks:  | 525                |               |        |

**APPLICATION SPEEDS FOR 220 µm NOMINAL THICKNESS**

| Line Width                    | 100mm | 150mm | 200mm |
|-------------------------------|-------|-------|-------|
| Travel Speed (kph) - T/8 Test | 9.15  | 6.21  | 5.17  |
| No. of Paint Nozzles Used     |       | 1     | 1     |
| No. of Bead Dispensers Used   |       |       | 1     |
|                               |       |       |       |
|                               |       |       |       |
|                               |       |       |       |
|                               |       |       |       |

**APPLICATOR EQUIPMENT**

| Designation             | Make and Model         |                |
|-------------------------|------------------------|----------------|
| Pump 1                  | Graco Big Rig (White)  |                |
| Pump 2                  | Graco Big Rig (Yellow) |                |
| Pump 3                  |                        |                |
| Paint Gun 1 / Gun 2     | Handok Airless         | Handok Airless |
| Paint Gun 3 / Gun 4     | Handok Airless         | Handok Airless |
| Bead Gun 1 / Gun 2      | RSL Cone Gun           | RSL Cone Gun   |
| Compressor Make / Model | DynaSet 145881-4625    |                |
|                         |                        |                |
|                         |                        |                |

**ENTRY QUALIFICATION**

Previous T/8 Certificate Expiry Date: N/A

**RGE497-2608**



**REGISTRATION DETAILS**

NZRF STAMP & UNIQUE NUMBER

**RECORD OF COMPLIANCE**

Testing Officer: P Del Favero

Company: Downer NZ Ltd

Signed: 

**APPLICATOR PHOTOGRAPH**



20 Aug 2026

**EXPIRY DATE: 20/08/2027**



# NZTA T/8:2026

## CERTIFICATION

## CHECKLIST

Rev 28 July 2026

***The purpose of this checklist is to provide prompts while conducting the visual examination of paint applicators required during the testing of roadmarking applicators in accordance with NZTA T08: 2026.***

***Reference needs to be made to the NZTA / NZRF Testing Officer Guide for interpretations and guidance***

***Clause reference NZTA T08:2026***  
***Clause reference NZRF Testing Officer Guidelines***

***UNLESS OTHERWISE LISTED, REFERENCE TO PUBLICATION REFERS TO THE LATEST EDITION AND INCLUDES THE LATEST AMENDMENTS OR REVISIONS.***

|                  |               |
|------------------|---------------|
| Test No:         | E-26          |
| Applicator:      | RGE497        |
| Owner:           | Downer NZ Ltd |
| Testing Officer: | P Del Favero  |
| Checked By:      | D Elder       |
| Test Dates:      | 20/08/2026    |

|                                                                                       |                                                                                                                          |                      |                                                             |                        |                         |
|---------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------|----------------------|-------------------------------------------------------------|------------------------|-------------------------|
| 11.1 <b>Applicator Type</b>                                                           |                                                                                                                          |                      |                                                             |                        |                         |
| Please select correct option                                                          |                                                                                                                          |                      |                                                             |                        | Type A                  |
| 11.2                                                                                  | Vehicle Description:<br>(Make / Model / Year)                                                                            |                      | 2025 Isuzu NQR 500                                          |                        |                         |
| 11.2                                                                                  | Chassis Number                                                                                                           | JAAN1R75HM7100880    | Location                                                    | LHS Passenger door     |                         |
|                                                                                       | Fleet/ Plant No.                                                                                                         | 176287               |                                                             |                        |                         |
| 11.2                                                                                  | Owner:<br>(Name and Address)                                                                                             |                      | Downer NZ Ltd<br>133 Main South Road, Green Island, Dunedin |                        |                         |
| <b>Entry Qualification</b>                                                            |                                                                                                                          |                      |                                                             |                        |                         |
| 7.4                                                                                   | Entry Qualification:                                                                                                     |                      | New Initial                                                 |                        |                         |
| 7.6.4                                                                                 | Date of Last T/8:                                                                                                        |                      | N/A                                                         |                        |                         |
| 7.6.3                                                                                 | Date of Last Confirmation:                                                                                               |                      | N/A                                                         |                        |                         |
| <b>Compliance with Transport Regulations</b>                                          |                                                                                                                          |                      |                                                             |                        |                         |
| 10.1                                                                                  | NZTA Registration Plate No:                                                                                              |                      | RGE497                                                      | Expiry Date:           | 4/04/2027               |
|                                                                                       | Gross Vehicle Mass                                                                                                       | 8700kg               | Tare Weight                                                 | 6120kg                 | Load Cert YES           |
|                                                                                       | Vehicle Fitness Type                                                                                                     |                      |                                                             | Certificate of Fitness | Expiry Date: 20/10/2026 |
|                                                                                       | Dangerous Goods Signs and Labels on vehicle and load<br>(Including facilities for changing in line with product changes) |                      |                                                             |                        | N/A                     |
|                                                                                       | Dangerous Goods Declaration and emergency procedures                                                                     |                      |                                                             |                        | YES                     |
|                                                                                       | Correct driver's Licence with D Endorsement / Approved Handler                                                           |                      |                                                             |                        | YES                     |
|                                                                                       | Dual Steer Conversion Certification (only on initial inspection or when modified)                                        |                      |                                                             |                        | YES                     |
|                                                                                       | Load Restraint Certification / Plate                                                                                     |                      |                                                             |                        | N/A                     |
|                                                                                       | Load securing devices comply with Transport Regulations and Truck Loading Code                                           |                      |                                                             |                        | N/A                     |
|                                                                                       | Vehicle complies with Vehicle Dimensions and Mass Rule                                                                   |                      |                                                             |                        | YES                     |
| <b>Compliance with the Hazardous Substances and New Organisms Act and Regulations</b> |                                                                                                                          |                      |                                                             |                        |                         |
| 10.1                                                                                  | (Attach references to EPA Group Standard Requirements for Product Loaded)                                                |                      |                                                             |                        |                         |
|                                                                                       | Paint Type Loaded & Approval Codes:<br>Group Standards.                                                                  |                      | Geveko Waterbourne White / Yellow                           |                        |                         |
|                                                                                       | Vehicle and paint storage vessels correctly signed and / or placarded                                                    |                      |                                                             |                        | YES                     |
|                                                                                       | Emergency procedures appropriate / available                                                                             |                      |                                                             |                        | YES                     |
|                                                                                       | Emergency Systems clearly identified and operable                                                                        |                      |                                                             |                        | YES                     |
|                                                                                       | Spill Kit Type / Quantity                                                                                                |                      | SafeWorx 25L spill kit                                      |                        |                         |
|                                                                                       | Fire Control Equipment                                                                                                   |                      |                                                             |                        |                         |
|                                                                                       | Type / Size                                                                                                              | Dry Powder 9kg x 2   | Date Last Tested                                            | 1 August 2026          |                         |
|                                                                                       | Type / Size                                                                                                              | Dry Powder 1.5kg x 1 | Date Last Tested                                            | 1 August 2026          |                         |
| <b>Compliance with the Health and Safety in Employment Act and Regulations</b>        |                                                                                                                          |                      |                                                             |                        |                         |
| 10.1                                                                                  | Pressure Systems                                                                                                         |                      |                                                             |                        |                         |
|                                                                                       | Compressor                                                                                                               |                      |                                                             |                        |                         |
|                                                                                       | Compressor Make / Model                                                                                                  |                      | DynaSet 145881-4625                                         |                        |                         |
|                                                                                       | Capacity (cfm)                                                                                                           |                      | 40 cfm                                                      |                        |                         |
|                                                                                       | Drive (make/model)                                                                                                       |                      | Isuzu - PTO Live Drive                                      |                        |                         |
|                                                                                       | Rating of compressor drive motor (kw)                                                                                    |                      | 160.3                                                       |                        |                         |
|                                                                                       | Pressure Relief Valves / Bursting Disks (Setting / Rating in psi)                                                        |                      |                                                             |                        |                         |
|                                                                                       | Bead Tanks                                                                                                               | PSI                  | Tank 1                                                      | 15                     | Tank 2                  |
|                                                                                       | Air Receivers                                                                                                            | PSI                  |                                                             | 150                    |                         |
|                                                                                       | Air Receiver Volume                                                                                                      | Litres               |                                                             | 32                     |                         |

|                                                                      |                                                                                  |                        |                                                   |                     |                                  |                                             |
|----------------------------------------------------------------------|----------------------------------------------------------------------------------|------------------------|---------------------------------------------------|---------------------|----------------------------------|---------------------------------------------|
| 10.1                                                                 | Pressure Indicating Systems function                                             |                        |                                                   |                     |                                  |                                             |
|                                                                      | Attach copy of determinations carried out by appropriate person                  |                        |                                                   |                     |                                  | YES                                         |
|                                                                      | Attach copy of Test Certificates for pressure vessels with C Ratings             |                        |                                                   |                     |                                  | YES                                         |
|                                                                      | Attach copy of Technical Data Sheets for Paint and Hydraulic Hoses               |                        |                                                   |                     |                                  | YES                                         |
|                                                                      | AS4343 Hazard Ratings: Rating Values (C / D / E)                                 |                        |                                                   |                     |                                  |                                             |
|                                                                      | Bead Tank 1                                                                      | D                      | Air Receivers                                     | D                   |                                  |                                             |
|                                                                      | Bead Tank 2                                                                      | N/A                    | Paint Hoses                                       | C                   |                                  |                                             |
|                                                                      | Compressor Power                                                                 | D                      | Hydraulic Hoses                                   | C                   |                                  |                                             |
|                                                                      | Bead Hoses                                                                       | E                      |                                                   |                     |                                  |                                             |
|                                                                      | <b>Operating Positions, Catwalks and Ladders:</b>                                |                        |                                                   |                     |                                  |                                             |
|                                                                      | Adequate size and design                                                         |                        |                                                   |                     |                                  | YES                                         |
|                                                                      | Convenient Access to Ground Level                                                |                        |                                                   |                     |                                  | YES                                         |
|                                                                      | <b>First Aid Kit</b>                                                             |                        |                                                   |                     |                                  |                                             |
|                                                                      | Available, suitable, maintained in good condition                                |                        |                                                   |                     |                                  | YES                                         |
|                                                                      | <b>Exhaust Safety</b>                                                            |                        |                                                   |                     |                                  |                                             |
| Directed such that fumes do not reach driver or operators            |                                                                                  |                        |                                                   |                     | YES                              |                                             |
| No danger of ignition of flammable products                          |                                                                                  |                        |                                                   |                     | YES                              |                                             |
| Noise Level below "Threshold of possible damage" or labelled         |                                                                                  |                        |                                                   |                     | YES                              |                                             |
| <b>Machine Guarding</b>                                              |                                                                                  |                        |                                                   |                     |                                  |                                             |
| Prevents access to dangerous parts of machinery                      |                                                                                  |                        |                                                   |                     | YES                              |                                             |
| Securely attached, removable only by using tools                     |                                                                                  |                        |                                                   |                     | YES                              |                                             |
| <b>Compliance with Temporary Traffic Management Requirements</b>     |                                                                                  |                        |                                                   |                     |                                  |                                             |
| 10.1.36                                                              | (Refer to NZGTTM):                                                               |                        |                                                   |                     |                                  |                                             |
|                                                                      | Signs - (Type and Location)                                                      |                        | Roadmarking Front. Rear Roadmarking on Arrowboard |                     |                                  |                                             |
|                                                                      | Warning Beacons - (Type and Number)                                              |                        | 6 x Led Flashing Beacons                          |                     |                                  |                                             |
|                                                                      | Arrow Board (Type and Number)                                                    |                        | Tracgrip Double sided VMS Board                   |                     |                                  |                                             |
|                                                                      | Intercommunication - (Type)                                                      |                        | RT's                                              |                     |                                  |                                             |
| <b>Technical Requirements – All Applicators</b>                      |                                                                                  |                        |                                                   |                     |                                  |                                             |
| 11.2.2                                                               | Paint Pumps                                                                      |                        | Make and Model                                    |                     |                                  |                                             |
|                                                                      | Pump 1                                                                           | Graco Big Rig (White)  |                                                   |                     |                                  |                                             |
|                                                                      | Pump 2                                                                           | Graco Big Rig (Yellow) |                                                   |                     |                                  |                                             |
|                                                                      | Pump 3                                                                           |                        |                                                   |                     |                                  |                                             |
| 11.3.5                                                               | Paint supply tanks                                                               |                        |                                                   |                     |                                  |                                             |
|                                                                      | No.1 Capacity (L)                                                                | 600                    | No. 2 Capacity (L)                                | 300                 | No. 3 Capacity (L)               |                                             |
|                                                                      | Ability to dilute / modify / mix paint in accordance with supplier instructions  |                        |                                                   |                     |                                  | YES                                         |
|                                                                      | <b>Paint Gauging System</b>                                                      |                        |                                                   |                     |                                  |                                             |
|                                                                      | Location in approved Quality Assurance Procedures                                |                        |                                                   |                     |                                  | YES                                         |
|                                                                      | Type (Computer / Dip stick)                                                      |                        |                                                   |                     |                                  | Computer                                    |
|                                                                      | Graduated in                                                                     |                        |                                                   |                     |                                  | Litres                                      |
| Gauging system described in QA documentation                         |                                                                                  |                        |                                                   |                     | YES                              |                                             |
| 11.3.3                                                               | Bead supply tanks                                                                |                        |                                                   |                     |                                  |                                             |
|                                                                      | No. 1 Capacity (Kg)                                                              |                        | 525                                               | No. 2 Capacity (Kg) |                                  |                                             |
|                                                                      | Spray Guns                                                                       |                        | Make / Model                                      |                     | Make / Model                     |                                             |
|                                                                      | Paint Gun 1 / Gun 2                                                              |                        | Handok Airless                                    |                     | Handok Airless                   |                                             |
|                                                                      | Paint Gun 3 / Gun 4                                                              |                        | Handok Airless                                    |                     | Handok Airless                   |                                             |
|                                                                      | Bead Guns                                                                        |                        | Make / Model                                      |                     | Make / Model                     |                                             |
|                                                                      | Bead Gun 1 / Gun 2                                                               |                        | RSL Cone Gun                                      |                     | RSL Cone Gun                     |                                             |
|                                                                      | Adequate control equipment for control of application rate and embedment         |                        |                                                   |                     |                                  | YES                                         |
|                                                                      | Paint and bead guns mounted independent of load and road conditions              |                        |                                                   |                     |                                  | YES                                         |
|                                                                      | Gun mount system                                                                 |                        |                                                   |                     |                                  | Guns are mounted on leaf spring off chassis |
| 11.3.6                                                               | Cleaning Equipment                                                               |                        |                                                   |                     |                                  |                                             |
|                                                                      | Any fitted cleaning equipment is a permanent fixture                             |                        |                                                   |                     |                                  | YES                                         |
| 11.3.2                                                               | Applicator Controls                                                              |                        |                                                   |                     |                                  |                                             |
|                                                                      | All applicator controls conveniently located and clearly marked                  |                        |                                                   |                     |                                  | YES                                         |
|                                                                      | All applicator control instruments readily removable for calibration / repair    |                        |                                                   |                     |                                  | YES                                         |
|                                                                      | Speedometer make and model                                                       |                        | Autoline RX10                                     |                     |                                  |                                             |
|                                                                      | Speedometer Type                                                                 | Digital                | Calibrated within 10%                             |                     | YES                              |                                             |
|                                                                      | Speedometer correctly located near operator line of sight and no parallax errors |                        |                                                   |                     |                                  | YES                                         |
|                                                                      | Digital speedometer minimum resolution within 5% of slowest marking speed        |                        |                                                   |                     |                                  | YES                                         |
|                                                                      | Analogue speedometer >3mm spacing                                                |                        | N/A                                               |                     | Less than 5 % of slowest marking | N/A                                         |
| Digital speedometer readable to at least 5% of slowest marking speed |                                                                                  |                        |                                                   |                     | YES                              |                                             |
| 11.3.10                                                              | Segmented Line Equipment - N/A for umbilical Type B                              |                        |                                                   |                     |                                  |                                             |
|                                                                      | Intermittent line device                                                         |                        | Computer controlled                               |                     |                                  |                                             |

|                                                                 |                                                                                                                                                                                                                                                                                                                     |                     |                              |
|-----------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------|------------------------------|
|                                                                 | Adjustable time delay Bead Gun (Type or NA)                                                                                                                                                                                                                                                                         | Computer controlled |                              |
| 10.1.51                                                         | <b>Power and Control</b>                                                                                                                                                                                                                                                                                            |                     |                              |
|                                                                 | Speed within $\pm 10\%$ on $\pm 12\%$ grade (lowest speed)                                                                                                                                                                                                                                                          |                     | YES                          |
|                                                                 | Speed within $\pm 10\%$ on $\pm 12\%$ grade (highest speed)                                                                                                                                                                                                                                                         |                     | YES                          |
| <b>Technical Requirements Type A Paint Applicator</b>           |                                                                                                                                                                                                                                                                                                                     |                     |                              |
| 11.4.1                                                          | Ability to control vehicle and application equipment from both right and left sides                                                                                                                                                                                                                                 | Camera for LHS      | NO                           |
|                                                                 | Ability to apply all longitudinal markings in traffic direction of travel                                                                                                                                                                                                                                           |                     | YES                          |
|                                                                 | Apply paint and beads on left and right side of vehicle                                                                                                                                                                                                                                                             |                     | YES                          |
| 11.4.2                                                          | Guide Arms adequate and complete, mountable on both sides of the vehicle                                                                                                                                                                                                                                            |                     | YES                          |
|                                                                 | Guide arm in view of operator from normal operating position                                                                                                                                                                                                                                                        |                     | YES                          |
| 11.4.3                                                          | Applicator is permanently fitted with cleaning equipment                                                                                                                                                                                                                                                            |                     | YES                          |
|                                                                 | Cleaning equipment operational continuously during road marking operation                                                                                                                                                                                                                                           |                     | YES                          |
|                                                                 | Cleaning device on left and right side of vehicle                                                                                                                                                                                                                                                                   |                     | YES                          |
|                                                                 | Cleaning device type                                                                                                                                                                                                                                                                                                | Hydraulic Broom     |                              |
| <b>Technical Requirements All Type B Paint Applicators</b>      |                                                                                                                                                                                                                                                                                                                     |                     |                              |
| 11.5.1                                                          | Length of Applicator                                                                                                                                                                                                                                                                                                |                     | m                            |
|                                                                 | Operator-mounted Type B and B1 applicators no greater than 2.75m long                                                                                                                                                                                                                                               |                     |                              |
|                                                                 | Pedestrian controlled Type B and B1 applicators no greater than 2.5m long                                                                                                                                                                                                                                           |                     | m                            |
| 11.5.2                                                          | Applicator can reach operating speed in less than 0.7m                                                                                                                                                                                                                                                              |                     |                              |
| 11.5.3                                                          | All applicators can mark transverse lines to within 300mm of kerb edge                                                                                                                                                                                                                                              |                     |                              |
| 11.5.4                                                          | All applicators capable of painting turn lane arrows                                                                                                                                                                                                                                                                |                     |                              |
| 11.5.2                                                          | Motive Power                                                                                                                                                                                                                                                                                                        |                     |                              |
|                                                                 | Acceleration capability                                                                                                                                                                                                                                                                                             |                     |                              |
| 11.5.3                                                          | Transverse line capability                                                                                                                                                                                                                                                                                          |                     |                              |
| 11.5.4                                                          | Turn Arrow capability                                                                                                                                                                                                                                                                                               |                     |                              |
| <b>Technical Requirements Type B1 Paint Applicators</b>         |                                                                                                                                                                                                                                                                                                                     |                     |                              |
| 11.6.2                                                          | Ability to apply both longitudinal and transverse markings                                                                                                                                                                                                                                                          |                     |                              |
|                                                                 | Ability to control vehicle and application equipment from both right and left sides                                                                                                                                                                                                                                 |                     |                              |
|                                                                 | Apply paint and beads on left and right side of vehicle                                                                                                                                                                                                                                                             |                     |                              |
| 11.6.3                                                          | Guide Arms adequate and complete, mountable on both sides of vehicle                                                                                                                                                                                                                                                |                     |                              |
|                                                                 | Guide arm is in view of operator from normal operating position                                                                                                                                                                                                                                                     |                     |                              |
| 11.6.4                                                          | Applicator is permanently fitted with cleaning equipment                                                                                                                                                                                                                                                            |                     |                              |
|                                                                 | Cleaning equipment operational continuously during road marking operation                                                                                                                                                                                                                                           |                     |                              |
|                                                                 | Cleaning device on left and right side of vehicle                                                                                                                                                                                                                                                                   |                     |                              |
|                                                                 | Cleaning device type                                                                                                                                                                                                                                                                                                |                     |                              |
| <b>Technical Requirements Type B Umbilical Paint Applicator</b> |                                                                                                                                                                                                                                                                                                                     |                     |                              |
| 11.7.1                                                          | <p><i>Note: The Mother Vehicle needs to be checked for compliance against the requirements for all applicators.</i></p> <p><i>Where the Mother Vehicle has been checked as part of an applicator inspection, these details may be used, however equipment specific to umbilical must be clearly identified.</i></p> |                     |                              |
|                                                                 | Mother Vehicle One                                                                                                                                                                                                                                                                                                  |                     | General Inspection completed |
|                                                                 | Mother Vehicle Two                                                                                                                                                                                                                                                                                                  |                     | General Inspection completed |
|                                                                 | Motive power system                                                                                                                                                                                                                                                                                                 |                     |                              |
| 11.7.2                                                          | Umbilical applicator demonstrated to maintain a stable marking position                                                                                                                                                                                                                                             |                     |                              |
| 11.7.3                                                          | <b>Hose control system</b>                                                                                                                                                                                                                                                                                          |                     |                              |
|                                                                 | Description                                                                                                                                                                                                                                                                                                         |                     |                              |
|                                                                 | Hoses clear from kinking, snagging and do not run over freshly painted surface                                                                                                                                                                                                                                      |                     |                              |
| <b>Technical Requirements Transport Trailer / Vehicle</b>       |                                                                                                                                                                                                                                                                                                                     |                     |                              |
| 10.3                                                            | NZTA <b>Vehicle</b> Registration No:                                                                                                                                                                                                                                                                                |                     | Expiry Date:                 |
|                                                                 | Tare Weight                                                                                                                                                                                                                                                                                                         |                     |                              |
|                                                                 | <b>Vehicle</b> Fitness Type                                                                                                                                                                                                                                                                                         |                     | Expiry Date:                 |
|                                                                 | NZTA <b>Trailer</b> Registration No:                                                                                                                                                                                                                                                                                |                     | Expiry Date:                 |
|                                                                 | <b>Trailer</b> Fitness Type                                                                                                                                                                                                                                                                                         |                     | Expiry Date:                 |
|                                                                 | Dangerous Goods Signs and Labels on vehicle and load<br>(Including facilities for changing in line with product changes)                                                                                                                                                                                            |                     |                              |
|                                                                 | Dangerous Goods Declaration and emergency procedures                                                                                                                                                                                                                                                                |                     |                              |
|                                                                 | Correct driver's Licence with D Endorsement / Approved Handler                                                                                                                                                                                                                                                      |                     |                              |
|                                                                 | Load Restraint Certification / Plate                                                                                                                                                                                                                                                                                |                     |                              |
|                                                                 | Load securing devices comply with Transport Regulations & Truck Loading Code                                                                                                                                                                                                                                        |                     |                              |

| Completion checklist                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                       |                           |        |       |                                    |     |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------|---------------------------|--------|-------|------------------------------------|-----|
| Inspection completed and no outstanding deficiencies                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                       |                           |        |       |                                    |     |
| Test Prompts                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                       |                           |        |       |                                    |     |
| Nominated Film Thickness (um)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                       |                           |        |       |                                    |     |
| 12.4.4                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Cleaning Test (Test one)              | Pump (W/Y) and Side (L/R) | WHITE  | RIGHT | Paint and sand clean               | YES |
| 12.4.5                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Straight Continuous Line (Test two)   | Pump (W/Y) and Side (L/R) | WHITE  | LEFT  | Paint and straighness              | YES |
| 12.4.6                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Beaded Segmented Line (Test three)    | Pump (W/Y) and Side (L/R) | WHITE  | RIGHT | Paint, seg. Spacing and bead delay | YES |
| 12.4.7                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Mark a Reflectorised Line (Test four) | Pump (W/Y) and Side (L/R) | YELLOW | RIGHT | Paint and bead rate                | YES |
| Power and control                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                       |                           |        |       |                                    |     |
| Speed within $\pm 10\%$ on $\pm 12\%$ grade (lowest speed) Y / N                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                       |                           |        |       |                                    | YES |
| Speed within $\pm 10\%$ on $\pm 12\%$ grade (highest speed) Y / N                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                       |                           |        |       |                                    | YES |
| Notes:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                       |                           |        |       |                                    |     |
| <p>Hydraulic Broom swept pavement the length of track to prove capability</p> <p>Manufactures Bead Tank Build Test Cert provided</p> <p>No Left Hand Certificate required. LHS painted from RHS using camera and laser pointer</p>                                                                                                                                                                                                                                                                                                                                                                                                          |                                       |                           |        |       |                                    |     |
| <p align="center"><b>Photographic Records Required – Vehicle Inspection</b></p> <p><b>All photographs to be taken with digital camera (4 Megapixel or greater) with date stamp function activated. Images to be in excess of 500kb</b></p> <p><b>Additional photographs may be included</b></p> <p><b>Photographs to be printed (B and W acceptable) maximum of two (2) to fill an A4 page and attached to Test Records. Electronic file of the photographs are to be maintained for audit purposes.</b></p> <p><b>All photographs to be time stamped</b></p> <p><b>Refer NZRF Testing Officer guidelines for photographic examples</b></p> |                                       |                           |        |       |                                    |     |

| Item (NZTA T08 Clause)                                                                                                                                                                                                                                                               | Description                                                                                                  |                 |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------|-----------------|
| 11.2                                                                                                                                                                                                                                                                                 | Vehicle Description:                                                                                         | YES             |
|                                                                                                                                                                                                                                                                                      | (Make / Model / Year) i.e. Photo for Certificate                                                             | YES             |
| 11.2.1                                                                                                                                                                                                                                                                               | Chassis Number: - Vin Plate or Assigned No.                                                                  | YES             |
| 10.3                                                                                                                                                                                                                                                                                 | NZTA Registration Label                                                                                      | YES             |
|                                                                                                                                                                                                                                                                                      | NZTA Load Certificate                                                                                        | YES             |
|                                                                                                                                                                                                                                                                                      | NZTA COF/WOF showing Expiry                                                                                  | YES             |
|                                                                                                                                                                                                                                                                                      | Dangerous Goods Signs and Labels / Facility for changing in line with product                                | N/A             |
|                                                                                                                                                                                                                                                                                      | Load Restraint Certification / Plate                                                                         | N/A             |
|                                                                                                                                                                                                                                                                                      | Load securing devices comply with Transport Regulations and Truck Loading Code (include plate as applicable) | N/A             |
| 10.2                                                                                                                                                                                                                                                                                 | Paint Type Loaded (Drum labels)                                                                              | YES             |
|                                                                                                                                                                                                                                                                                      | Vehicle and paint storage vessels correctly signed and / or placarded                                        | YES             |
|                                                                                                                                                                                                                                                                                      | Spill Kit Type / Quantity                                                                                    | YES             |
|                                                                                                                                                                                                                                                                                      | Fire Extinguishers with Inspection label                                                                     | YES             |
| 10.1 and 11.2.2                                                                                                                                                                                                                                                                      | Pressure Relief Valves and or Burst Disks                                                                    | YES             |
|                                                                                                                                                                                                                                                                                      | Certification Plate on Bead Tank                                                                             | N/A             |
|                                                                                                                                                                                                                                                                                      | Pressure Gauge Condition / Function                                                                          | YES             |
|                                                                                                                                                                                                                                                                                      | Operating Positions, Catwalks and Ladders (Include handholds as appropriate)                                 | YES             |
| 11.3.6                                                                                                                                                                                                                                                                               | Photograph of TMP equipment mounted on applicator, i.e. Sign(s), beacons and arrow-board                     | YES             |
| 11.4                                                                                                                                                                                                                                                                                 | Apply paint and beads on left and right side of vehicle                                                      | YES             |
|                                                                                                                                                                                                                                                                                      | Cleaning device on left and right side of vehicle                                                            | YES             |
| <b>Photographic Records Required – Testing</b>                                                                                                                                                                                                                                       |                                                                                                              |                 |
|                                                                                                                                                                                                                                                                                      | Test Strip Full Length, Applicator and Testing Officer                                                       | YES             |
|                                                                                                                                                                                                                                                                                      | Applicator painting a run on the Left Side – where applicable                                                | YES             |
| Cleaning Test Test 1                                                                                                                                                                                                                                                                 | A and B end Plates after painting Sand clean if applicable                                                   | YES             |
| Straight Continuous Line Test 2                                                                                                                                                                                                                                                      | A and B end Plates after painting                                                                            | YES             |
| Automatically Mark a Beaded Segmented Line Test 3                                                                                                                                                                                                                                    | A end Plate after painting                                                                                   | YES             |
| Automatically Mark a Beaded Segmented Line Test 3                                                                                                                                                                                                                                    | Full length of Strip to show Segments and Gaps                                                               | YES             |
| Automatically Mark a Beaded Segmented Line Test 3                                                                                                                                                                                                                                    | Start and Stop ends of a segment to show full bead coverage                                                  | YES             |
| Automatically Mark a Beaded Segmented Line Test 3                                                                                                                                                                                                                                    | Segment and Gap measurements                                                                                 | YES             |
| Mark a Reflectorised Line Test 4                                                                                                                                                                                                                                                     | A and B end Plates and Plastizotes after painting                                                            | YES             |
| Mark a Reflectorised Line Test 4                                                                                                                                                                                                                                                     | Passing A and B Plastizotes on scales                                                                        | YES             |
| Turn Arrow                                                                                                                                                                                                                                                                           | Turn Arrow – where applicable                                                                                | N/A             |
| <p><b>I, the undersigned Testing Officer, certify that the inspection and testing of the above applicator has been carried out in accordance with the requirements of NZTA T08, and that the results recorded are, to the best of my knowledge and belief, true and correct.</b></p> |                                                                                                              |                 |
| TEST NO:                                                                                                                                                                                                                                                                             | E-26                                                                                                         | Testing Officer |
| Applicator                                                                                                                                                                                                                                                                           | RGE497                                                                                                       | P Del Favero    |
| Date                                                                                                                                                                                                                                                                                 | 20/08/2026                                                                                                   | 20/08/2026      |
|                                                                                                                                                                                                                                                                                      |                                                                                                              | Checked By      |
|                                                                                                                                                                                                                                                                                      |                                                                                                              | D Elder         |
|                                                                                                                                                                                                                                                                                      |                                                                                                              | 24/08/2026      |



**Paint Applicator:** RGE497

**Controller of pressure vessels:** Reece Smith

**Assessor:** P Del Favero

**Date of Assessment:** 20/08/2026

| HAZARD CODE | REQUIREMENT                         | MACHINERY<br>(Pumps & Compressors) | TANKS       | PIPING     |
|-------------|-------------------------------------|------------------------------------|-------------|------------|
| E           | No Certificates or Competent Person |                                    | up to 30    | up to 150  |
| D           | Competent Person                    | over 25kw                          | 30 to 100   | 150 to 250 |
| C           | Certificates Required               |                                    | 100 to 1000 | 250 to 500 |

#### **PUMPS & COMPRESSORS**

Basis: Pumps & Compressors over 25kw has D Hazard Rating

##### **Motor Horsepower**

| BHP | Motor KW | Hazard Code        |
|-----|----------|--------------------|
| 215 | 160.3    | D Competent Person |

#### **COMPRESSOR AIR RECEIVER**

| Operating Pressure Psi | Volume Litres | Pressure Mpa | Rating Value | Hazard Code        |
|------------------------|---------------|--------------|--------------|--------------------|
| 150                    | 32            | 1.0          | 99           | D Competent Person |

#### **BEAD TANKS**

*Vessels filled with air & beads and transportable*

| <u>Bead Tank One</u>   |          | <u>TV Factor</u> | 3            |              |                    |
|------------------------|----------|------------------|--------------|--------------|--------------------|
| Operating Pressure Psi | Beads Kg | Volume Litres    | Pressure Mpa | Rating Value | Hazard Code        |
| 15                     | 525      | 309              | 0.1          | 96           | D Competent Person |

| <u>Bead Tank Two</u>   |          | <u>TV Factor</u> | 1            |              |          |
|------------------------|----------|------------------|--------------|--------------|----------|
| Operating Pressure Psi | Beads Kg | Volume Litres    | Pressure Mpa | Rating Value | DynaSe t |
| 0                      | 0        | 0                | 0.0          | 0            | N/A N/A  |

#### **BEAD LINES**

*Bead Lines - hoses carrying a mixture of beads and air*

Note: If D is less than or equal to 32mm and pressure is less than 10MPa No Rating

| Operating Pressure Psi | Diameter mm | Pressure Mpa | Rating Value | Hazard Code         |
|------------------------|-------------|--------------|--------------|---------------------|
| 15                     | 50          | 0.10         | 16           | E Negligible Hazard |

#### **PAINT LINES**

*Piping filled with paint and on transportable equipment*

Note: If D is less than or equal to 32mm and pressure is less than 10MPa No Rating

| Operating Pressure Psi | Diameter mm | Pressure Mpa | Rating Value | Hazard Code            |
|------------------------|-------------|--------------|--------------|------------------------|
| 2500                   | 10          | 17.2         | 517          | C Certificate Required |



**HYDRAULIC HOSES**Piping filled with fluid and on transportable equipment

Note: If D is less than or equal to 32mm and pressure is less than 10MPa No Rating

| Operating Pressure Psi | Diameter mm | Pressure Mpa | Rating Value | Hazard Code |                      |
|------------------------|-------------|--------------|--------------|-------------|----------------------|
| 5000                   | 10          | 34.5         | 1034         | C           | Certificate Required |

**Accumulators**Vessels filled with air, paint, and/or hydraulic fluid and transportable

| <u>Bead Tank One</u>   |          | <u>TV Factor</u> | 1            |              |             |     |
|------------------------|----------|------------------|--------------|--------------|-------------|-----|
| Operating Pressure Psi | Beads Kg | Volume Litres    | Pressure Mpa | Rating Value | Hazard Code |     |
| 0                      | 0        | 0                | 0.0          | 0            | N/A         | N/A |

| <u>Bead Tank Two</u>   |          | <u>TV Factor</u> | 1            |              |             |     |
|------------------------|----------|------------------|--------------|--------------|-------------|-----|
| Operating Pressure Psi | Beads Kg | Volume Litres    | Pressure Mpa | Rating Value | Hazard Code |     |
| 0                      | 0        | 0                | 0.0          | 0            | N/A         | N/A |

Important Note: This report has been prepared using the NZ Roadmarking industry standard calculation sheet. The calculations contained within it were developed to assist roadmarking contractors in the assessment of Hazard Ratings in accordance with AS 4343:1999.

Although all due care has been taken in the preparation of this report, neither myself as author, nor NZRF or QSL as developers of the original calculations accept any liability with regard to it's use or misuse.

The user is recommended to familiarise themselves with AS4343 and its application to the HSE (Pressure Equipment, Cranes and Ropeways) Regulations 1999. In particular, the requirements to maintain plant in a safe condition and if found to be unsafe, with it from service and control.

The (Pressure Equipment, Cranes and Ropeways) Regulations 1999 are supported by an Approved Code of Practice (**ACOP**). A key requirements of which is for each company involved in the use of pressure equipment to appoint a competent person to act as the "**Controller of Pressure Vessels**".  
The duties of the "Controller of Pressure Vessels" is laid on in ACOP 2.2.1.

|                         |               |                 |              |                          |             |                               |                 |                                     |
|-------------------------|---------------|-----------------|--------------|--------------------------|-------------|-------------------------------|-----------------|-------------------------------------|
| Test No:                | E-26          | Applicator:     | RGE497       |                          |             | Date:                         | 20/08/2026      |                                     |
| Company:                | Downer NZ Ltd |                 |              |                          |             | Operator:                     | P Del Favero    |                                     |
| Strip Length:           |               | 33              |              |                          |             |                               |                 |                                     |
| Weather Conditions Etc. |               |                 |              | Nominated Film thickness |             |                               |                 |                                     |
| Air Temp                |               | In-door/Outdoor |              |                          |             | 180 Nominal i.e. 150 to 210um |                 | <input type="checkbox"/>            |
| 12c                     |               | Tested Indoors  |              |                          |             | 220 Nominal i.e. 190 to 250um |                 | <input checked="" type="checkbox"/> |
|                         |               |                 |              |                          |             | 300 Nominal i.e. 270 to 330um |                 | <input type="checkbox"/>            |
| Paint Brand             |               | Type            | Colour       | Batch No                 |             | % Thinners                    |                 |                                     |
| Geveko                  |               | Waterbourne     | White        | 2338464                  |             | N/A                           |                 |                                     |
| Geveko                  |               | Waterbourne     | Yellow       | 2334081                  |             | N/A                           |                 |                                     |
| Time                    | Test No       | Run No          | Stated Speed | Time (sec's)             | Calc. Speed | Comments / Results            |                 | Pass / Fail                         |
| 800 - 17.00             | 1             | 1               | 6.5          | 17.64                    | 6.73        | Broom Tested                  |                 | Pass                                |
|                         | 1             | 2               | 6.0          | 19.12                    | 6.21        |                               |                 | Pass                                |
|                         | 1             | 3               | 5.5          | 21.98                    | 5.40        |                               |                 | Pass                                |
|                         |               |                 |              |                          | 0.00        |                               |                 |                                     |
| 800 - 17.00             | 2             | 1               | 8.5          | 14.34                    | 8.28        |                               |                 | Pass                                |
|                         | 2             | 2               | 9.0          | 12.98                    | 9.15        | LHS                           |                 | Pass                                |
|                         | 2             | 3               | 9.5          | 12.07                    | 9.84        |                               |                 | Pass                                |
|                         |               |                 |              |                          | 0.00        |                               |                 |                                     |
| 800 - 17.00             | 3             | 1               | 10.0         | 11.65                    | 10.20       |                               |                 | Pass                                |
|                         | 3             | 2               | 9.5          | 11.92                    | 9.97        |                               |                 | Pass                                |
|                         | 3             | 3               | 9.0          | 12.98                    | 9.15        |                               |                 | Pass                                |
|                         |               |                 |              |                          | 0.00        |                               |                 |                                     |
| 800 - 17.00             | 4             | 1               | 5.0          | 22.98                    | 5.17        | Beads 28g                     |                 | Pass                                |
|                         | 4             | 2               | 4.5          | 25.05                    | 4.74        |                               |                 | Pass                                |
|                         |               |                 |              |                          | 0.00        |                               |                 |                                     |
|                         |               |                 |              |                          | 0.00        |                               |                 |                                     |
|                         |               |                 |              |                          | 0.00        |                               |                 |                                     |
|                         |               |                 |              |                          | 0.00        |                               |                 |                                     |
|                         |               |                 |              |                          | 0.00        |                               |                 |                                     |
|                         |               |                 |              |                          | 0.00        |                               |                 |                                     |
|                         |               |                 |              |                          | 0.00        |                               |                 |                                     |
|                         |               |                 |              |                          | 0.00        |                               |                 |                                     |
|                         |               |                 |              |                          | 0.00        |                               |                 |                                     |
| Intermittent Line Used  |               | 3x7             |              | Bead Rate                |             |                               |                 |                                     |
| Dist from start (mm)    |               | Spacing         |              | Delay                    |             | Painted Plastizote (gms)      |                 |                                     |
| 1                       | 3020          | 3020            | Seg          | Paint only               |             | 70                            | Grams           |                                     |
| 2                       | 9865          | 6845            | Gap          |                          |             | 26                            | Grams           |                                     |
| 3                       | 12880         | 3015            | Seg          | Paint only               |             | 44                            | Grams           |                                     |
| 4                       | 19715         | 6835            | Gap          |                          |             | 98                            | Grams           |                                     |
| 5                       | 22725         | 3010            | Seg          | Full coverage            |             | 26                            | Grams           |                                     |
| 6                       | 29575         | 6850            | Gap          |                          |             | 72                            | Grams           |                                     |
| 7                       | 32615         | 3040            | Seg          | Full coverage            |             | 44                            | Grams           |                                     |
| 8                       |               |                 | Gap          |                          |             | 44                            | Grams           |                                     |
| 9                       |               |                 | Seg          |                          |             | 28                            | Grams           |                                     |
| 10                      |               |                 | Gap          |                          |             | 56                            | Grams           |                                     |
|                         | Ave Seg       | 3021.25         |              |                          |             |                               |                 |                                     |
|                         | Ave Gap       | 6843.33         |              |                          |             |                               |                 |                                     |
| Straightness            |               | 12.0            | mm           | Paint to Curb            |             | N/A                           | P/22 Turn Arrow | N/A                                 |
| Notes:                  |               |                 |              |                          |             |                               |                 |                                     |

| NZTA T/8 2026 Test Results |                     |        |                               |              |                                    |                          |     |                                 |         |              |                                     |                        |                     |            |          |                          |                 |       |  |                           |  |
|----------------------------|---------------------|--------|-------------------------------|--------------|------------------------------------|--------------------------|-----|---------------------------------|---------|--------------|-------------------------------------|------------------------|---------------------|------------|----------|--------------------------|-----------------|-------|--|---------------------------|--|
| Test No:                   |                     | E-26   |                               | Test Date(s) |                                    | 20/08/2026               |     | Testing Officer                 |         | P Del Favero |                                     | Date:                  |                     | 20/08/2026 |          | Nominated Film Thickness |                 | 220   |  | Nominal i.e. 190 to 250um |  |
| Applicator:                |                     | RGE497 |                               | Expires:     |                                    | 20/08/2027               |     | Verified By:                    |         | D Elder      |                                     | Date:                  |                     | 24/08/2026 |          |                          |                 |       |  |                           |  |
|                            |                     |        |                               |              | Dry Film Thickness - Zone Averages |                          |     |                                 |         |              |                                     |                        |                     |            |          |                          |                 |       |  |                           |  |
| T/8 Test No                | No of runs per test | Run No | Speeds                        | Widths       | Start End Plates                   |                          |     | Stop End Plates                 |         |              | Grand Average                       | Paint Output (Lit/Min) | Bead Output (kg/km) | Pump Color | Gun Side | No of Paint Guns         | No of Bead Guns | Notes |  |                           |  |
|                            |                     |        |                               |              | A                                  | B                        | C   | A                               | B       | C            |                                     |                        |                     |            |          |                          |                 |       |  |                           |  |
| One                        | 3                   | 2      | 6.21                          | 150          | 234                                | 229                      | 210 | 210                             | 217     | 232          | 222.0                               | 2.07                   |                     | W          | R        | 1                        |                 |       |  |                           |  |
| Two                        | 3                   | 2      | 9.15                          | 100          | 202                                | 215                      | 209 | 201                             | 231     | 218          | 212.7                               | 1.95                   |                     | W          | L        | 1                        |                 |       |  |                           |  |
| Three                      | 3                   | 2      | 9.97                          | 100          | 210                                | 231                      | 218 | Bead delay test                 |         |              | 219.7                               | 2.19                   |                     | W          | R        | 1                        | 1               |       |  |                           |  |
| Four                       | 2                   | 1      | 5.17                          | 210          | 215                                | 220                      | 203 | Beaded Plates, Bead weight test |         |              | 212.7                               | 2.31                   | 56.00               | Y          | R        | 1                        | 1               |       |  |                           |  |
|                            |                     |        |                               |              |                                    |                          |     |                                 |         |              |                                     |                        |                     |            |          |                          |                 |       |  |                           |  |
| Cleaning Test (test 1)     |                     | Pass   | Straightness Test (test 2) mm |              | 12.0                               | Segment Spacing (Test 3) |     |                                 | Segment | Gap          | Bead Delay (Test 3) - Full Coverage |                        |                     | Pass       |          |                          |                 |       |  |                           |  |
|                            |                     |        |                               |              |                                    |                          |     |                                 | 3021    | 6843         |                                     |                        |                     |            |          |                          |                 |       |  |                           |  |
| Paint Type & Batch Nos     |                     |        |                               | White:       | Waterbourne                        | Batch Number             |     | 2338464                         | Yellow: | Waterbourne  | Batch Number                        |                        |                     | 2334081    |          |                          |                 |       |  |                           |  |

Paint Output (lit/min/gun) = ( Grand average paint thickness x width x speed / (no of guns x 60,000) / (Volume Solids Content in decimals)