

NZTA/NZRF T12:2013

CERTIFICATION

CHECKLIST

2013 – Rev 0

The purpose of this checklist is to provide prompts while conducting the visual examination of long-life marking material applicators required during the testing of roadmarking applicators in accordance with NZTA T12:2013. It is aimed at satisfying the requirements of the T12 document and associated legislation not least the HSE Act 1992 and the HSE Amendment Act 2002.

Note: Thermoplastic heating systems and pre-melters used in conjunction with thermoplastic applicators are to be tested and certified in accordance with NZTA/NZRF T18.

Test No:

Applicator:

Owner:

Documents used or referred to:

New Zealand Transport Agency

- **Land Transport Rule: Traffic Control Devices (Rule 54002) 2004**
- **MOTSAM PART II**
- **NZTA Code of Practice for Temporary Traffic Management**
- **NZTA M 20 Notes**
- **NZTA M 24**
- **NZTA P 22**
- **NZTA P 30**
- **NZTA T 12**
- **NZTA T 17**
- **NZTA T 18**

Compliance with the Health and Safety in Employment Act and Regulations

- **Health and Safety in Employment Act**
- **Health and Safety in Employment Amendment Act**
- **Health and Safety in Employment Regulations**
- **Health and Safety in Employment (Pressure Equipment, Cranes and Passenger Ropeways) Regulations 1999 - (PECPR Regulations)**
- **AS 4343: 2005 Pressure Equipment – Hazard Levels**
- **NZS 4503: 2005 Hand Operated Fire-Fighting Equipment**
- **Approved Code of Practice for Pressure Equipment (Excluding Boilers) - DOL**
- **Code of Practice for Manual Handling - DOL**
- **Approved Code of Practice for Operator Protective Structures on Self-Propelled Mobile Mechanical Plant - DOL**
- **Approved Code of Practice for the Management of Noise in the Workplace - DOL**
- **Guidelines for Guarding Principles and General Safety for Machinery - DOL**
- **Guidelines for the Provision of Facilities and General Safety in the Construction Industry - DOL**

Compliance with the Hazardous Substances and New Organisms Act and Regulations

- **Hazardous Substances and New Organisms Act**
- **Code of Practice for the Management of Substances Hazardous to Health (MOSHH)**

Compliance with Transport Regulations

- **Transport Act, 1962**
- **Traffic Regulations, 1976**
- **Land Transport Rule: Vehicle Lighting (Rule 32005) 2004**
- **Land Transport Rule: Land Transport (Driver Licensing) Rule 1999**
- **Land Transport Rule: Heavy Vehicles 31002 2004**
- **Land Transport Rule: Dangerous Goods Rule 2005**
- **Land Transport Rule: Vehicle Standards Compliance Rule 35001/1 2002**
- **Land Transport Rule: Vehicle Dimensions and Mass Rule 2002**
- **Land Transport Safety Authority Truck Loading Code**
- **NZS 5433 Part 1 :2007 Code of Practice for the Transport of Hazardous Substances on Land, 2007**
- **NZS HB76 – Standards New Zealand Handbook - Dangerous Goods – Emergency Response Guide**

11.2	<i>Applicator Type</i>			
	LA	LB	LC	
	Operator Mounted		Pedestrian Controlled	
	<i>Material Type</i>			
	Cold-applied- plastic		Thermoplastic	
	<i>Process</i>			
	Spray	Screed	Structured	ATP
11.3.1	Chassis Number:		Location:	
11.3	Fleet / Plant No.			
	Vehicle Description: (Make / Model / Year)			
	Owner: (Name and Address)			
<i>Entry Qualification</i>				
8.4	Entry Qualification:			
8.6	Date of Last T12:			
8.6	Date of Last Confirmation:			
<i>Compliance with Transport Regulations – Operator Mounted Applicators only</i>				
10.3	LNZTA Registration No:			Expiry Date:
	Load Cert	Tare Weight		
	Certificate of Fitness / Warrant of Fitness / Fitness for Use			Expiry Date:
	Dangerous Goods Signs and Labels on vehicle and load <i>(Including facilities for changing in line with product changes)</i>			
	Dangerous Goods Declaration and emergency procedures			
	Correct driver's Licence with D Endorsement / Approved Handler			
	Dual Steer Conversion Certification			
	Load Restraint Certification / Plate			
	Load securing devices comply with Transport Regulations and Truck Loading Code			
	Vehicle complies with Vehicle Dimensions and Mass Rule			
<i>Compliance with the Hazardous Substances and New Organisms Act and Regulations</i>				
10.2	<i>(Attach references to ERMA Group Standard Requirements for Product Loaded)</i>			
	Marking Material Loaded & Approval Codes / Group Standards.			
	Marking material storage vessels correctly signed & / or placarded			
	Emergency procedures appropriate / available			
	Emergency Systems clearly identified and operable			
	Spill Kit Type / Quantity			
<i>Compliance with the Health and Safety in Employment Act and Regulations</i>				
10.1	<i>Pressure Systems</i>			
	<i>Attach copy of determinations carried out by appropriate person</i>			
	<i>Attach copy of Test Certificates for pressure vessels with C Ratings</i>			
	<i>Attach copy of Technical Data Sheets for Paint and Hydraulic Hoses</i>			
	AS4343 Hazard Ratings:		Rating Values (C / D / E)	
	Bead Tanks			
	Air Receivers			
	Paint Hoses			
	Bead Hoses			
Hydraulic Hoses				
Power Rating of compressor drive motor (kw)				

TEST NO:	Testing Officer	Date	Checked By	Date
Signature / date				

	Pressure Relief Valves / Bursting Disks (Setting / Rating)				
	Bead Tanks				
	Air Receivers				
	Pressure Indicating Systems function				
	Bead tank hatches interlocked				
	<i>Compressor</i>				
	Make / Model and Serial number				
	Capacity (cfm)				
	Drive (make / model/ serial no.)				
	<i>Operating Positions, Catwalks and Ladders:</i>				
	Adequate size and design				
	Convenient Access to Ground Level				
	<i>First Aid Kit</i>				
	<i>Exhaust Safety</i>				
	Directed such that fumes do not reach driver or operators				
	No danger of ignition of flammable products				
	Noise Level below “Threshold of possible damage” or labelled				
	<i>Machine Guarding</i>				
	<i>Fire Control Equipment</i>				
	Type / Size	Serial Number		Date Last Tested	
	Type / Size	Serial Number		Date Last Tested	
	Compliance with Temporary Traffic Management Requirements				
11.4.8	<i>(Refer to D1.5 of NZTA CoPTTM):</i>				
	Signs - (Type & Location)				
	Warning Beacons - (Type & Number)				
	Arrow Board (Type & Number)				
	Intercommunication - (Type)				
	Technical Requirements All Applicators				
11.4.6	<i>Material supply tanks</i>				
	No. 1 Capacity (Kg/L)		No. 2 Capacity (Kg/L)		
	Ability to dilute / modify / mix material in accordance with supplier instructions				
	<i>Bead supply tanks</i>				
	No. 1 Capacity (Kg)		No. 2 Capacity (Kg)		
	<i>Aggregate supply tanks</i>				
	No. 1 Capacity (Kg)		No. 2 Capacity (Kg)		
11.4.5	<i>Application device mount system</i>				
	Mounted independent of load and road conditions				
	Mount system				
	<i>Bead Guns</i>	Make / Model	Make / Model		
	Gun 1 / Gun 2				
	Adequate control equipment for control of application rate and embedment				
	Gun mount system				
	<i>Aggregate Guns</i>	Make / Model	Make / Model		
	Gun 1 / Gun 2				
	Adequate control equipment for control of application rate and embedment				
	Gun mount system				

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11.4.2	<i>Applicator Controls</i>			
	All applicator controls conveniently located and clearly marked			
	All applicator control instruments readily removable for calibration / repair			
	<i>Speedometer</i>			
	Make / Model and Serial number			
	Speed Indicator correctly located and in line-of-sight			
		Digital	Analogue	
Minimum resolution within 5% of slowest marking speed				
11.4.9	<i>Segmented Line Equipment - except Pedestrian controlled plain screed thermoplastic</i>			
	Intermittent line device			
	Adjustable time delay Bead Gun (Type / NA)			
11.4.1	<i>Power and Control</i>			
	Torque Control +10% of speed on +12% and -12% grade @		kph	
	Torque Control +10% of speed on +12% and -12% grade @		kph	
11.4.3	Guide arms adequate and complete			
11.5	<i>Technical Requirements Operator Mounted Applicator</i>			
11.5.1	Ability to control vehicle and application equipment from both right and left sides			
	Apply marking material and beads on left and right side of vehicle			
11.5.2	Cleaning device on left and right side of vehicle			
	Cleaning device type			
<i>Technical Requirements Thermoplastic Applicators & Pre-melters</i>				
11.4.7 (T18)	<i>Applicator</i> NZTA T 18 Certificate No(s): Attach copy		Expiry Date	
	<i>Pre-melter One</i> NZTA T 18 Certificate No(s): Attach copy		Expiry Date	
	<i>Pre-Melter Two</i> NZTA T 18 Certificate No(s): Attach copy		Expiry Date	
<i>Technical Requirements Transport Trailer / Vehicle</i>				
10.3	NZTA Registration No:		Expiry Date:	
	Tare Weight			
	Certificate of Fitness / Warrant of Fitness / Fitness for Use		Expiry Date:	
	Dangerous Goods Signs and Labels on vehicle and load (Including facilities for changing in line with product changes)			
	Appropriate segregation devices			
	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 and Truck Loading Code				

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<i>Application Equipment Identification</i>		
Device	Manufacturer	Serial Number

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