

**Dangerous Goods Tank  
Vehicle Inspection Manual**  
(DGTVM V2.0)  
August 2018



**PASS-2-LOAD**

Equipment: REGO

Issued by: AIL NUMBER

Insp Date: Pass Date

Day of expiry  
Inspection date  
+ 6 Months

Non-Dangerous Goods

Pass Number

**PASS-2-LOAD**

Equipment: REGO

Issued by: AIL Name

Insp Date: Pass Date

Day of expiry  
Inspection date  
+ 6 Months

Pass Number 0000000000



# NSW STABILITY CONTROL

## 1<sup>st</sup> Jan 2019

# Vehicle Management

Here you'll be able to **search, add, import & export** vehicles  
Click [Help](#) for more information

Summary Details Inspections Audits ▾

Vehicle Details Aviation Vehicle Features DG Compartments

\* indicates a field is mandatory when the vehicle goes live.

\* Owner Blind Freddie's Trucks Demo

This field has been automatically populated for you and can't be changed.

\* Vehicle Type Tanker ▾

\* Vehicle Subtype Triaxle Trailer ▾

\* Registration No. Demo02

\* Registration State NSW ▾

\* VIN 00009999GGG6678

Authorised Inspection Locations are required to check the “\*Registration State” the tanker-trailer is registered.  
If the tanker-trailer is registered in NSW then the tanker-trailer is automatically required to meet the changes introduced by the NSW EPA in relation to tanker-trailer stability control from the 1<sup>st</sup> Jan 2019.

Refer Section 5.3.1 Roll Stability (SLP OG7 V3.3)



NSW - EPA

From 1<sup>st</sup> January 2019 all heavy vehicle Dangerous Goods (DG) tanker-trailers used in NSW must have a functioning electronic stability control system (ESC).

It will be unlawful to:

- operate, drive, load; and/or
- consign a

DG heavy vehicle tanker-trailer without ESC.

For more information:

<http://www.epa.nsw.gov.au/your-environment/dangerous-goods/>

Due to these changes introduced by the NSW EPA, SLP terminals need to verify that owner/operators of DG licenced tanker-trailers are meeting the NSW EPA's minimum requirements.

- A NSW registered and DG licenced tanker-trailer is automatically required to meet the minimum NSW EPA requirements. If a NSW registered or DG licenced tanker-trailer cannot meet the minimum NSW EPA requirements, it will only be approved for Non-DG under the SLP Pass-2-Load Scheme.

Refer Section 5.3.1 Roll Stability (SLP OG7 V3.3)

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\* indicates a field is mandatory when the vehicle goes live.

\* Dangerous Goods Licence Number

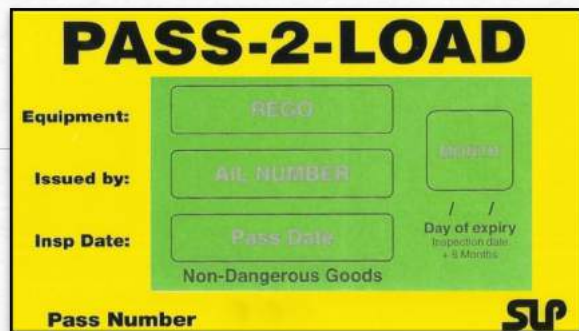
SLP Authorised Inspection Locations are required to check the \* Dangerous Goods (DG) Licence State, the tanker-trailer is registered.

If the tanker-trailer is registered for DG in NSW then the tanker-trailer is automatically required to meet the minimum changes introduced by the NSW EPA in relation to tanker-trailer stability control from the 1<sup>st</sup> Jan 2019.

If a NSW DG licenced tanker-trailer cannot meet the minimum NSW EPA requirements, it can only be approved for Non-DG loading under the SLP Pass-2-Load Scheme.

Refer Section 5.3.1 Roll Stability (SLP OG7 V3.3)

Figure 3 - Non-dangerous goods



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\* Owner Blind Freddie's Trucks Demo

This field has been automatically populated for you and can't be changed.

\* Vehicle Type Tanker ▾

\* Vehicle Subtype Triaxle Trailer ▾

\* Registration No. Demo02

\* Registration State ?????????? ▾

\* VIN 00009999GGG6678



The NSW EPA changes will also effect all heavy vehicle Dangerous Goods (DG) tanker-trailers that drive/operate in NSW.

If the Pass-2-Load customer tanker-trailer is registered in any other state e.g. Victoria or Queensland, is loaded with DG and enters or drives into NSW it too must be fitted with a functioning electronic stability control system (ESC).

So again it is unlawful for tanker-trailers registered and licenced in any state to:

- operate, drive, load; and/or
- be consigned

with DG that will drive /operate on NSW roads unless the heavy vehicle tanker-trailer is fitted with a functioning ESC system.

SLP terminals need to verify that the tanker-trailer owner/operator is meeting the NSW EPA's minimum requirements.

- Owners/operators of tanker-trailers registered and licenced in any State of Australia for DG, must advise SLP via the Vehicle Compliance Program (VCP) if their tanker-trailer is fitted with ESC or is not fitted with ESC.

Refer Section 5.3.1 Roll Stability (SLP OG7 V3.3)

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\* indicates a field is mandatory when the vehicle goes live.

Vehicle Stability Control Fitted

Is ABS or EBS fitted

Vehicle Stability Control Fitted

Is ABS or EBS fitted

Figure 1 – Pass-2-Load Label



These 2 questions are mandatory for all tankers-trailers operating under the SLP Pass-2-Load program from the 1<sup>st</sup> January 2019.

- *Vehicle Stability Control Fitted*
- *Is ABS or EBS fitted*

Tanker-Trailer owner/operators must answer these questions prior to presenting their tanker for an SLP inspection on or after the 1<sup>st</sup> Jan 2019, if they intend on their tanker-trailer being approved under the SLP Pass-2-Load program for loading Dangerous Goods.

Refer Section 5.3.1 Roll Stability (SLP OG7 V3.3)

# Vehicle Management

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Figure 3 - Non-dangerous goods

Summary Details Inspections Audits

Vehicle Details Aviation **Vehicle Features** DG Compartments

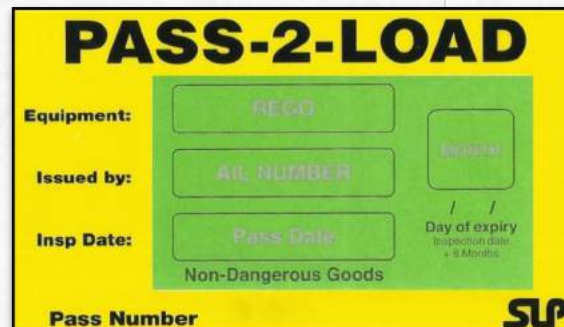
\* indicates a field is mandatory when the vehicle goes live.

\* Vehicle Stability Control  Fitted

\* Is ABS or EBS fitted

If the owner/operator has not answered the questions relating to stability control or EBS/ABS, in the SLP Vehicle Compliance Program, then the Pass-2-Load inspection checklist must be marked "Non-DG" and the tanker trailer fitted with a Non-Dangerous Goods Pass-2-Load label.

Refer Section 5.3.1 Roll Stability (SLP OG7 V3.3)



If a customer has failed to answer the mandatory stability control and the EBS/ABS questions, SLP asks at ALL's encourage their customer to Login to the SLP Vehicle Compliance Program, and answer these mandatory vehicle stability and ABS or EBS questions for their tanker-trailers.

Note: a tanker-trailer is:

- a tanker;
- or a B-Double;
- or a Dog Trailer.

		<b>PASS-2-LOAD INSPECTION</b>		<input type="text"/> P2L label #	
				<input type="text"/> Expiry	
<b>TANKER TRAILER INSPECTION CHECKLIST</b>					
<b>2. Tank Certification / Compliance Plate</b>			Ref: SLP OG7-V3.3	<b>1</b>	<b>2</b>
Does the tank compliance plate show the name of the tank barrel manufacturer?			Section 5.3		
Does the tank compliance plate show the design approval number?			-		
Does the tank compliance plate show the date of manufacture and test date?			-		
Does the tank compliance plate show the tank barrel serial number?			-		
If the tanker owner has indicated the tanker is fitted with Vehicle Stability Control. Check: does the vehicle have a data plate indicating the tanker is equipped with an electronic braking system complete with stability control?			Section 5.3.1	<b>N-DG</b>	

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Summary Details Inspections Audits

Vehicle Details Aviation **Vehicle Features** DG Compartments

\* indicates a field is mandatory when the field is present

\* Vehicle Stability Control  Fitted

\* Is ABS or EBS fitted

Example: (1)

The owner/operator has answered the mandatory questions:

- \* Vehicle Stability Control "yes"
- \* Is ABS or EBS fitted "EBS"

In this example if the owner/operators answers either EBS, ABS it does not change the outcome.

Based on this reply the AIL completing a Pass-2-Load checklist will need to verify the tanker is fitted with stability control. This can be done by verifying the tanker-trailer has a data plate indicating the tanker is equipped with an electronic braking system (EBS) that is complete with a stability control system.

Details of what to codes to look for on the data plate can be found in Section 5.3.1 Roll Stability (SLP OG7 V3.3)

Figure 6 & 7 – (Examples of EBS data labels complete with stability control)

WABCO		Trailer EBS-E		GGVSIADR TPN 120304 (E) 13R-000000	
Product Number Reference: 480 102 030 0		Pin1		Pin 3	
98/15 Fahrzeugbau		GIO 1 RTR 1			
AEDRT4657		GIO 2 LACV 1			
WVDE7235gh6273867		GIO 3		TH	
WDE 1234567890 99		GIO 4 LACV 2			
100 100		GIO 5			
4/2M+1M		GIO 6			
		GIO 7			
pm (bar)		6.5		0.8 2.0 4.5 6.5	
1 1500 0.5 1.5 9000 5.9 0.5 1.5 3.4 6.5 1					
2 1500 0.5 1.5 9000 5.9 0.5 1.5 3.4 6.5					
3 1500 0.5 1.5 9000 5.9 0.5 1.5 3.4 6.5 2					
4					
5					

Haldex		EB+ ADR TU.EGG.094-04		4S/2M Stability		5.1mm		5.1mm	
UNLADEN / LEER / A VEDLADEN / BELADEN / EN CHARGE		[L0 bar = 100 kPa]		6.50		0.50 1.60		6.50	
Type		1.0		2		3		4	
0		0		0		0		0	
0		0		0		0		0	
0		0		0		0		0	



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Summary Details Inspections Audits

Vehicle Details Aviation **Vehicle Features** DG Compartments

\* indicates a field is mandatory when the vehicle goes live.

\* Vehicle Stability Control Fitted

\* Is ABS or EBS fitted    
ABS   
EBS   
No

Example: (2)

The owner/operator has answered the mandatory questions:

- \* Vehicle Stability Control "no"
- \* Is ABS or EBS fitted "EBS or ABS or no"

In this example if the owner/operators answers either EBS, ABS or no, it does not change the outcome.

Based on the reply the AIL completing a Pass-2-Load checklist is not required to verify if the tanker is fitted with stability control.

If the tanker-trailer is registered or licenced for Dangerous Goods (DG) in NSW then only a Non-DG Pass-2-Load label can be fitted to the tanker-trailer if the vehicle passes the rest of the checklist inspection.


The stability control question must be marked "N-DG".

If the tanker-trailer is registered or licenced for DG in any state other than NSW the checklist question is marked "N/A" and the tanker trailer can be fitted with a standard DG Pass-2-Load label. Unless the owner/operator nominates the tanker-trailer be fitted with a Non-DG Pass-2-Load label.

The owner/operator is responsible for ensuring any non-compliant tanker-trailer is not used in NSW for DG transport.

The data in the Vehicle Compliance Program can be accessed by terminal operators and used to confirm tanker-trailer compliance or non-compliance for vehicles known to be operating in NSW.

Refer Section 5.3.1 Roll Stability (SLP OG7 V3.3)



**PASS-2-LOAD INSPECTION**

P2L label #

Expiry

### TANKER TRAILER INSPECTION CHECKLIST

	Ref: SLP OG7-V3.3	1	2
<b>2. Tank Certification / Compliance Plate</b>			
Does the tank compliance plate show the name of the tank barrel manufacturer?	Section 5.3		
Does the tank compliance plate show the design approval number?	-		
Does the tank compliance plate show the date of manufacture and test date?	-		
Does the tank compliance plate show the tank barrel serial number?	-		
If the tanker owner has indicated the tanker is fitted with Vehicle Stability Control. Check; does the vehicle have a data plate indicating the tanker is equipped with an electronic braking system complete with stability control?	Section 5.3.1	N-DG	





PASS-2-LOAD INSPECTION

P2L label #

Expiry

TANKER TRAILER INSPECTION CHECKLIST

AIL Name:	AIL Location:	AIL No:
Inspector Name:	Rego No:	DG No:
Vehicle Owner:	DG expiry date: ___/___/___	

**This checklist must be completed in conjunction with the SLP Operating Guidelines for Pass-2-Load Inspections - OG7-3.3**

Initial inspection	= 1	Record as:	N/A
Re-inspection	= 2	Satisfactory	✓
		Defective	✗

<b>1. Vehicle Placards and Dangerous Goods Registration</b>	Ref: SLP OG7-V3.3	1	2
Is the tanker dangerous goods registration current?	Section 5.2		
Are emergency information panels clearly visible and in good condition?	Section 5.11		
Are emergency information panels displayed on both sides and the rear of the tank barrel?	-		
Do emergency information panels display emergency contact details and phone numbers?	-		
Can emergency information panels be easily/safely accessed from ground level?	-		
<b>2. Tank Certification / Compliance Plate</b>	Ref: SLP OG7-V3.3	1	2
Does the tank compliance plate show the name of the tank barrel manufacturer?	Section 5.3		
Does the tank compliance plate show the design approval number?	-		
Does the tank compliance plate show the date of manufacture and test date?	-		
Does the tank compliance plate show the tank barrel serial number?	-		
If the tanker owner has indicated the tanker is fitted with Vehicle Stability Control. Check; does the vehicle have a data plate indicating the tanker is equipped with an electronic braking system complete with stability control?	Section 5.3.1		

AIL's completing a Pass-2-Load checklist, should refer to the Safe Load Program Operating Guideline 7 (OG7) version 3.3. Section 5.3.1 Roll Stability.

5.3.1 Roll Stability

New South Wales (NSW) – Environmental Protection Authority (EPA) requires that from the 1st January 2019 all heavy vehicle tank trailers loaded with dangerous goods and or driven on New South Wales roads must be fitted with a functioning roll stability system (RSS).

Roll Stability System may also refer to as:

- Enhanced Stability Control (ESC)
- Electronic Stability Control (ESC)
- Roll Stability Control (RSC)
- Trailer Electronic Braking System (TEBS)

It will be unlawful to operate, drive, load and/or consigning a dangerous goods heavy vehicle tank trailer that is not fitted with RSS that will operate on an NSW road.

ACTION: Check:

- The SLP vehicle compliance system (Figure 5) and confirm the tanker owner has indicated the tanker is or is not fitted with stability control and ABS or EBS. Figure 5 - (fitted with stability control and ABS or EBS)

