



November 28, 2012

KENWORTH TRUCKS

A DIVISION OF **PACCAR** AUSTRALIA PTY. LTD.

A.B.N. 43 004 669 667

64 Canterbury Road, Bayswater
P.O. Box 60, Bayswater, Victoria 3153, Australia
Telephone: (03) 9721 1500
Fax: (03) 9720 4144



XS148A

K45

TO WHOM IT MAY CONCERN

Reference: Kenworth VIN 6F5000000CA447828

Kenworth Trucks has been advised that this vehicle is modified from the original manufactured specifications. The ratings for such an alternative manufacturer's original specification, appear on page 2 of this letter.

This letter of authority certifies an alternative rating for this vehicle in accordance with Vehicle Standards Bulletin No.6, Modification Code S1.

Confirmation that changes have been carried out in accordance with Vehicle Standards Bulletin No. 6, the National Code of Practice - Heavy Vehicle Modifications, may require that this vehicle is inspected, as directed by State or Territory requirements. Note that variations can occur between jurisdictions and each should be confirmed individually.

All modifications must be carried out in an appropriate and competent manner. Vehicle Standards Bulletin No.6 specifies the minimum acceptable standards for modifications. If in any doubt, refer to Kenworth Trucks Customer Service Department.

Kenworth Trucks is not an authorised Engineering Signatory for vehicle modification inspections.

The vehicle specification as manufactured by Kenworth Trucks were as follows, shown with current applicable component ratings:

Model	: T909	Date of Manufacture:	October 2012
Engine	: CUMMINS ISXe5 550	Governed rpm:	2000
	ADR80/03		
	S/N : 79590958		
Max Power	: 431 kW @ 1800 rpm		
Max Torque	: 2508 Nm @ 1200 rpm		
Transmission	: Fuller RTLO22918B		
	Ratios : 14.40 12.29 8.51 7.26 6.05 5.16 4.38 3.74 3.20		
	2.73 2.28 1.94 1.62 1.38 1.17 1.00 0.86 0.73		
Tailshaft	: Spicer SPL250		
Steer Axle	: Meritor MFS73LA	Rating:	7300 kilograms
Front Suspension	: Kenworth Leaf Spring 7.2t	Rating:	7200 kilograms
Steer Tyres	: 295/80R22.5	Rating:	6900 kilograms
Steer Wheels/Rims	: 8.25 x 22.5 285PCD Alloy Wheels	Rating:	6600 kilograms
	Front Axle Assembly Rated Capacity:		6600 kilograms
Drive Axles	: Dana D50-170	Rating:	22700 kilograms
Drive Axle Ratio	: 4.56		
Rear Suspension	: NEWAY AD 246/10	Rating:	20800 kilograms
	This airbag suspension system has been certified as Road-Friendly by the Federal Office of Road Safety (FORS). Certificate No. RF2002		
Drive Tyres	: 11R22.5	Rating:	21800 kilograms
Drive Wheels/Rims	: 8.25 x 22.5 285PCD Alloy Wheels	Rating:	26400 kilograms
	Rear Axle Assembly Rated Capacity:		20800 kilograms
Wheelbase	: 6000 mm	Chassis Section:	273 x 89 x 9.5mm mm High Tensile Steel (with full insert)
Rear Overhang	: 1450 mm		

XS14BA



The maximum recommended operating speed is 100 km/h, for which suitable tyres must be fitted. The maximum geared road speed of this vehicle was 116 km/h, Road Speed Limited to 100 km/h.

HOLLAND FW70 DT2 fifth wheel (D-Rating 240 kN) and fifth wheel mounting angles were fitted by Kenworth Trucks as original equipment, attached in accordance with Kenworth Engineering Specifications.

This vehicle was fitted with an Approved ADR Compliance Plate, in accordance with ADR61. Compliance of the identified Category NC vehicle is confirmed by the Approval Number stamped in the upper left corner of the plate.

Individual ADR numbers are no longer required to be identified where an Approval Number is provided, excepting ADR64 (Roadtrains and B-Doubles). This compliance, if applicable, is shown on the Vehicle Identification Plate.

This vehicle is certified to ADR64 for Road Train and/or B-Double prime mover use (State permit requirements may be greater than ADR64 standards).

If Kenworth Trucks manufactured a vehicle to the following alternative original specification (advised modified components indicated ** below), the current applicable ratings for general on highway operations are:

- Gross Train Combination Mass up to and including 130.0 tonnes and/or
- Gross Vehicle Mass up to and including 26.5 tonnes (Lesser of Component Gross Vehicle Mass up to 28.0 tonnes, or, ADR braking certification Gross Vehicle Mass of 26.5 tonnes)

Advised vehicle specifications are as follows, shown with current applicable component ratings.

Engine	: CUMMINS ISXe5 550	Governed rpm:	2000
	ADR80/03		
Max Power	: 431 kW @ 1800 rpm		
Max Torque	: 2508 Nm @ 1200 rpm		
Transmission	: Fuller RTLO22918B		
Ratios	: 14.40 12.29 8.51 7.26 6.05 5.16 4.38 3.74 3.20		
	: 2.73 2.28 1.94 1.62 1.38 1.17 1.00 0.86 0.73		
Tailshaft	: Spicer SPL250		
Steer Axle	: Meritor MFS73LA	Rating:	7300 kilograms
Front Suspension	: Kenworth Leaf Spring 7.2t	Rating:	7200 kilograms
Steer Tyres	: 385/65R22.5**	Rating:	9500** kilograms
Steer Wheels/Rims	: 12.25 x 22.5 285PCD Alloy Wheels**	Rating:	9980** kilograms
	Front Axle Assembly Rated Capacity:		7200** kilograms
Drive Axles	: Dana D50-170	Rating:	22700 kilograms
Drive Axle Ratio	: 4.56		
Rear Suspension	: NEWAY AD 246/10	Rating:	20800 kilograms

The airbag suspension system was fitted to this vehicle before 1 January 2000. This airbag suspension system has not been certified as Road-Friendly by the Federal Office of Road Safety (FORS).

This airbag suspension system has been certified as Road-Friendly by the Federal Office of Road Safety (FORS). Certificate No. RF2002

Drive Tyres	: 11R22.5	Rating:	21800 kilograms
Drive Wheels/Rims	: 8.25 x 22.5 285PCD Alloy Wheels	Rating:	26400 kilograms



Wheelbase : 6000 mm

Rear Overhang : 1450 mm

Rear Axle Assembly Rated Capacity: 20800 kilograms
 Chassis 273 x 89 x 9.5mm High Tensile
 Section: Steel (with full insert)



The maximum geared road speed of this vehicle is 116 km/h , Road Speed Limited to 100 km/h.

This statement does not imply that Kenworth Trucks has inspected VIN **6F5000000CA447828**, nor certified any alterations and is not to be relied on other than solely as a statement regarding the Gross Train /Combination Masses and Gross Vehicle Masses for a new truck manufactured by Kenworth Trucks in accordance with the above specifications.

Kenworth Trucks makes no representation and expressly denies all liability expressed or implied for loss or damage, including any indirect or consequential loss whether or not Kenworth Trucks is advised of the possibility of loss or damage in advance, arising out of or in connection with reliance on the above statement as an indication of the actual condition and applicable Gross Train/Combination Masses and Gross Vehicle Masses ratings for VIN **6F5000000CA447828**. Due to other undisclosed alterations which may have been made to VIN **6F5000000CA447828** or the current condition of the truck, the actual Gross Train /Combination Masses and Gross Masses may not be as set out above.

Yours faithfully,
 KENWORTH TRUCKS

David Chua
 Applications Engineer

Reference: Kenworth VIN 6F5000000CA447828

						D SERVICE DUE	12 MONTHS	LAST SERVICE DATE	Current Kms	B SERVICE 30,000	C SERVICE 300,000	TOP TUNE 100,000
	DEPOT Location	CHASSIS No.	ENGINE No.	BUILD DATE	D SERVICE							
FLEET No.												
1	KW45	DAR	447828	79590958	Dec-12	Jan-23	Jan-24	24-May-24	2,450,796	2,439,513	2,209,066	2,356,378

										FRONT DIFF	DOSER PUMP	BELT
										OIL		TENSIONERS
										300,000	KLMS	400,000
	DEPOT	CHASSIS	ENGINE	BUILD	D SERVICE		12 MONTHS	LAST	Current Kms			
FLEET No.	Location	No.	No.	DATE	D SERVICE		DATE					
1	KW45	DAR	447828	79590958	Dec-12	Jan-23	Jan-24	24-May-24	2,450,796	2,209,066	1,843,093	2,389,278

										AIR FILTER	ALTERNATOR	HORTON
										300,000	KLMS	400,000
	DEPOT	CHASSIS	ENGINE	BUILD	D SERVICE		12 MONTHS	LAST	Current Kms			
FLEET No.	Location	No.	No.	DATE	D SERVICE		DATE					
1	KW45	DAR	447828	79590958	Dec-12	Jan-23	Jan-24	24-May-24	2,450,796	2,209,066	1,812,705	2,389,278

									AIR DRIER	STARTER	STEER AXLE	FRONT DRIVE	
									REBUILD	OTOR	BEARINGS	AXLE	
									600,000	KLMS	1,000,000	1,000,000	
FLEET No.	DEPOT	CHASSIS	ENGINE	BUILD	D SERVICE	12 MONTHS	LAST	Current Kms					
	Location	No.	No.	DATE			DATE						
1	KW45	DAR	447828	79590958	Dec-12	Jan-23	Jan-24	24-May-24	2,450,796	2,031,702	1,998,193	1,998,193	2,004,420

						D SERVICE DUE			REAR DRIVE AXLE WHEEL BEARINGS	CLUTCH	COMPRESSOR	
	DEPOT	CHASSIS	ENGINE	BUILD		12 MONTHS	LAST					
FLEET No.	Location	No.	No.	DATE	D SERVICE		SERVICE	Current Kms	1,000,000	KLMS	400,000	
1	KW45	DAR	447828	79590958	Dec-12	Jan-23	Jan-24	24-May-24	2,450,796	2,004,420	1,860,987	2,093,865

										TURBO	FUEL PUMP	GEARBOX
										1,000,000	1,000,000	1,200,000
										1,969,839	1,969,839	1,860,987
	DEPOT	CHASSIS	ENGINE	BUILD	D SERVICE		12 MONTHS	LAST	Current Kms			
FLEET No.	Location	No.	No.	DATE	D SERVICE		DATE					
1	KW45	DAR	447828	79590958	Dec-12	Jan-23	Jan-24	24-May-24	2,450,796			

										D SERVICE DUE	FRONT DIFF	REAR DIFF	HEAD REPLACED		
										12 MONTHS	LAST SERVICE DATE	Current Kms			
FLEET No.	DEPOT Location	CHASSIS No.	ENGINE No.	BUILD DATE	D SERVICE						1,200,000	1,200,000	600,000		
1	KW45	DAR	447828	79590958	Dec-12	Jan-23	Jan-24	24-May-24	2,450,796		1,367,953	2,004,420	1,969,839		

									ENGINE REBUILD OR REPLACED	
						D SERVICE DUE	LAST SERVICE DATE	Current Kms	1000000 KLMS	
FLEET No.	DEPOT Location	CHASSIS No.	ENGINE No.	BUILD DATE	D SERVICE	12 MONTHS				
1	KW45	DAR	447828	79590958	Dec-12	Jan-23	Jan-24	24-May-24	2,450,796	1,969,839