

DESIGN CERTIFICATE - TRAILER GVM

Certificate No. G 121

VEHICLE MAKE : DOMETT

MODEL : B2003

SERIAL/CHASSIS No : 181

V.I.N. No. : 7A9B20038Y0023181

REGISTRATION No. :

OWNER/OPERATOR : ORIX NEW ZEALAND LIMITED

I, Andrew van Kampen, certify that the above trailer has been manufactured from drawing no's. Q977 SERIES

And it is my belief that the material quality, welding and workmanship are in accordance with those drawings.

*I also certify that the above drawings are based on normal principles of mechanical design and in my opinion calculated stresses are such that the above trailer is suitable for a Maximum Gross Vehicle Mass of 23,000kg.*

Signed Andrew van Kampen Date 11-5-2000

Approved Certifying Engineer No AVK/1124.

This certificate is only valid if the signature is original and may be withdrawn if,

- A) The vehicle is not operated within current legal limits and within the limits specified on this certificate.
- B) Changing circumstances/regulation render this certificate invalid.
- C) The vehicle is involved in an accident.
- D) The vehicle/structure is not maintained to accepted standards.
- E) Repairs or modifications are made subsequent to the issue of this certificate.

DESIGN CERTIFICATE - KINGPIN/5TH WHEEL

Certificate No. K 089

VEHICLE MAKE : DOMETT

MODEL : B2003

SERIAL/CHASSIS No : 181

V.I.N. No. : 7A9B20038Y0023181

REGISTRATION No. :

OWNER/OPERATOR : ORIX NEW ZEALAND LIMITED

I, Andrew van Kampen, certify that the Kingpin/~~Fifth Wheel~~ installations fitted to the above vehicle have been manufactured according to drawing no's Q977 - K

And it is my belief that the material quality, welding and workmanship are in accordance with these drawings. I also certify that the design of the above installations and drawings are based on the requirements of:

~~NZS 5450 : 1989 Coupling devices for articulated vehicles, Fifth Wheel assemblies.~~  
NZS 5451 : 1989 Coupling devices for articulated vehicles, Fifth Wheel King Pins.

And the installations are suitable for the following ratings;

	FIFTH WHEEL	KINGPIN
Maximum Towed Mass, kg	—	44,000kg
Maximum Vertical Load, kg	—	14,000kg
Gross Combination Mass, kg	—	50,000kg

COMPONENT	MAKE	MODEL	SERIAL NO	RATING
KINGPIN	HOLLAND/EURO	62008	-	165KN
	HITCH			

~~The completed vehicle complies with the interchangeability dimensions in terms of NZS 5450/5451.~~

Certificate Expiry Date : 10/05/2010

Signed..... *A. J. van Kampen* ..... Date..... *11-5-2009* .....

Approved Certifying Engineer No AVK/1124.

This certificate is only valid if the signature is original and may be withdrawn if,

- A) The vehicle is not operated within current legal limits and within the limits specified on this certificate.
- B) Changing circumstances/regulation render this certificate invalid.
- C) The vehicle is involved in an accident.
- D) The vehicle/structure is not maintained to accepted standards.
- E) Repairs or modifications are made subsequent to the issue of this certificate.

**DESIGN CERTIFICATE - LOAD ANCHORAGE**

Certificate No. L125

VEHICLE MAKE : DOMETT

MODEL : B2003

SERIAL/CHASSIS No : 181

V.I.N. No. : 7A9B20038Y0023181

REGISTRATION No. :

OWNER/OPERATOR : ORIX NEW ZEALAND LIMITED

I, Andrew van Kampen, certify that Load Anchorage Points have been fitted to the above vehicle according to drawing no's. Q977 - L

And it is my belief that the material quality, welding and workmanship are in accordance with those drawings.

I also certify that the design of the Load Anchorage Points and the above drawings are based on the requirements of NZS 5444 : 1989 LOAD ANCHORAGE POINTS FOR HEAVY VEHICLES.

LOAD ANCHOR POINT RATINGS		
TYPE	No. PER SIDE	RATING
25mm PIPE RAIL	14 SPANS	500kg EACH
25mm PIPE AT X-MEMBER	15	2,500kg EACH
10mm CHAIN PLATES	8	3,000kg EACH

Special Conditions : Pipe rail rating over 500kg only applies with lashing against X-Member/Support.

Signed *A. J. van Kampen* Date 11-5-2000

Approved Certifying Engineer No AVK/1124.

This certificate is only valid if the signature is original and may be withdrawn if,

- A) The vehicle is not operated within current legal limits and within the limits specified on this certificate.
- B) Changing circumstances/regulation render this certificate invalid.
- C) The vehicle is involved in an accident.
- D) The vehicle/structure is not maintained to accepted standards.
- E) Repairs or modifications are made subsequent to the issue of this certificate.