

LT 400 N<sup>o</sup>

018538

DESIGN CERTIFICATE - TRAILER GVM

Certificate No. G169

VEHICLE MAKE : DOMETT

MODEL : B2003

SERIAL/CHASSIS No : 229

V.I.N. No. : 7A9B2003210023229

REGISTRATION No. :

OWNER/OPERATOR : ORIX NEW ZEALAND LIMITED

I, Andrew van Kampen, certify that the above trailer has been manufactured from drawing no's. Q1132 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 A. J. van Kampen Date 6-3-2001

Approved Certifying Engineer No AVK - HVEC

This certificate is only valid if the signature is original and may be withdrawn if,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

Unless otherwise stated above, this certificate expires ten years after the date of issue.

LT 400 n<sup>o</sup>  
018540

**DESIGN CERTIFICATE - KINGPIN/STH WHEEL**

Certificate No. K102

VEHICLE MAKE : DOMETT

MODEL : B2003

SERIAL/CHASSIS No : 229

V.I.N. No. : 7A9B2003210023229

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 Q 1132 - 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		23,000
Maximum Vertical Load, kg		10,000
Gross Combination Mass, kg		50,000

COMPONENT	MAKE	MODEL	SERIAL NO	RATING
KINGPIN	HOLLAND	EUROHITCH	62008	165KN

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

Certificate Expiry Date : 05/03/2011

Signed..... *Andrew van Kampen* ..... Date..... *6-3-2001* .....

Approved Certifying Engineer No AVK - HVET

- 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.

LT 400 N<sup>o</sup>  
018539

DESIGN CERTIFICATE - LOAD ANCHORAGE

Certificate No. L174

VEHICLE MAKE : DOMETT

MODEL : B2003

SERIAL/CHASSIS No : 229

V.I.N. No. : 7A9B2003210023229

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. Q 1131 - 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	15 SPANS	500kg EACH
25mm PIPE AT X-MEMBER	17	2,500kg EACH
12mm CHAIN PLATES	9	6,000kg EACH
20' ISO TWISTLOCKS	1 SET	20,000kg BOX

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

Signed Andrew van Kampen Date 6-3-2001

Approved Certifying Engineer No AVK - HVEA

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.

Unless otherwise stated above, this certificate expires ten years after the date of issue.