# Heavy vehicle specialist certificate Must be presented to a CoF (heavy) inspecting organisation if not entered into LANDATA

CAMERON HARRIS			CNH
Vehicle registration (optional)	VIN/chassis number		
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DOMETT	Component being certified:	Chassis	Load anchor
Model (optional)	Log bolsters	Towing connectio	n Brakes
2019 E3501 Certification category	X SRT	PSV stability	PSV rollover
HVS2	Swept path	PBS	
Description of work			
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Code/standard/rule certified to	1	nt load rating(s)	2∩+
NZTA RULE 41001:2016	estandare provincia de constitución de la constituc	= 4.3m / Y1 =	
General drawing number(s)		= 35t / X2 = 4.	
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New Zealand Government Form ID LT400

Version No. 05/18

### **DOMETT TRUCK & TRAILER LTD**

**Physical Address** 189 Kennedy Road Tauriko Business Estate **Postal Address** PO Box 9458 Greerton Tauranga

Tauriko PHONE 07 575 5139 **FAX** 07 575 5137



www.domett-trailers.co.nz

## Static Roll Threshold Compliance Certificate

Name of vehicle owner:

East Coast Bulk

Address:

SRT Compliance Certificate no:

S1025

Vehicle Identification No.(VIN):

7A9E35014J1023796

Vehicle chassis No:

1796

Current vehicle registration:

Type of vehicle:

**Full-Trailer** 

No of axles in front set:

No of axles in rear set:

Deck length of vehicle:

8.4 metres

Maximum height of load or vehicle body:

4.3 metres

Front suspension type:

**User Defined** 

Rear suspension type:

**User Defined** 

I, Cameron Harris of Domett Truck and Trailer, PO Box 9458, Greerton, Tauranga 3142 certify that

at the time of inspection this vehicle achieved a rating on a Static Roll Threshold test as follows:

Using standard load type: Uniform density

Description: Assumes load mass is centred midway vertically

between load bed and load height.

At a max. load height of 4.3 metres and a max. allowable gross mass of 35 tonnes, the SRT is 0.34g This vehicle fails to meet the minimum SRT target of 0.35g. It will meet the standard if:

At maximum load height of 4.3 metres, the maximum allowable gross mass is 30.8 tonnes. (a)

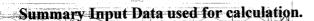
At maximum gross mass of 35 tonnes, the maximum allowable load height is 4.09 metres. The vehicle achieves the minimum SRT of 0.35g at the following weight and height combinations:

Gross Mass (tonnes)	Load Height (m)	
35	4.09	
34	4.14	
33	4.19	
32	4.22	
31	4.28	
30	4.3	

Note: Calculated load heights greater than the legal limit of 4.30m have been set to 4.30m

Results of SRT test to be displayed on Certificate of Loading	
X1 = 4.3  metres / Y1 = 30  tonnes; $Y2 = 35  tonnes / X2 = 4.09  metres$ .	

The type of test carried out to establish this rating was: NZTA SRT Calculator Version 2.12c



### Tyre Data:

Axle	Tyre Size:	Tyre Configuration:
*\ 1 * *	*19.5	Dual
2	19150 CITO	Dual
3	1950	Dual
4	19.5	Dual
5	19.5	Dual

### Body Style is Standard

### Mass and Suspension Data:

Inputs	Front	Rear
Gross mass (kg):	16000	19000
Payload mass (kg):	12720	15460
Tare mass (kg):	3280	3540
Average load bed height (m):	1.	.27
Average load height (m):	4.3	
Suspension type:	User Defined	User Defined
Suspension track width (m):	0.98	0.98
Cash (mm):	85	85
Suspension brand/model:	ROR SL9T	ROR SL9T
Roll stiffness/axle (Nm/radian):	2410000	2410000
Spring stiffness/spring (N/m):	207900	207900
Roll centre height from axle (m):	0.05	0.05

I certify that I am a vehicle inspector appointed under section 2 of Land Transport Rule: Vehicle Standards

Compliance 2002. I certify that this certificate complies in all respects with the applicable requirements in that rule, and that, to the best of my knowledge, the information in this certificate is true and correct

Signed:

Vehicle Inspector/Inspecting Organisation No CNH

SRT Compliance Certificate no:

Name: Cameron Harris

Date: 26/3/2019

S1025