

Application for registration of plant design

Please complete a separate form for each design of plant

Guidelines for completing this form are also available online or by phoning the WHS Infoline on 1300 369 915.

1. Applicant details

Is this a modification to an existing design registration? (Tick appropriate box) No Yes

227576

If Yes, existing Queensland design registration number Q19500

Applicant

(Full legal name of organisation for example sole trader, partnership or corporation)

Terex Australia Pty Ltd

Business/trading name/s

If the organisation (above) is trustee for a trust, include the name of trust here.

ABN

8 6 0 1 0 6 7 1 0 4 8

Is the applicant the (mark one of the following)

Designer Manufacturer Importer Supplier

Principal business address (should be a Queensland address and not a PO box)

Unit/number/street number/street name 585 Curtin Avenue East
Suburb/locality Eagle Farm State Qld Postcode 4009

Contact person

Title (Mr Mrs Miss Ms)

First given name Dallas	Other given name (if applicable) Noel	Family name/surname Elvery
Telephone +61 7 3868 6713	Mobile	Facsimile
Email dallas.elvery@terex.com		

Postal address (should be a Queensland address)

Tick this box if the postal address is the same as the address above

PO box number 1396	GPO box number	Private bag number	Locked bag number
Suburb/locality Eagle Farm State Qld Postcode 4009			

2. Declaration of the applicant (duly authorised representative)

I declare that:

- an equivalent registration granted by a corresponding regulator under a corresponding work health and safety law is not held
- the information supplied in this application is true and correct to the best of my knowledge
- none of the information supplied by me in this application or in any documents attached to or submitted in support of this application is false or misleading
- in making this application I have not failed to provide any material information relating to the matters addressed above.
- I acknowledge that it is an offence under the *Work Health and Safety Act 2011* to provide false and misleading information in this application or in any documents submitted in support of this application.

I consent to Workplace Health and Safety Queensland making enquiries and exchanging information with work health and safety regulators in other states, territories or the Commonwealth regarding any matter relevant to this application.

Name in full (Please Print) Dallas Noel Elvery	
Signature	Date 11/09/2013

3. Details of plant

Q27576

Description of plant	Mobile Crane - Pick and Carry type		
Name of manufacturer	Terex Australia		
Manufacturer's model number	AT 22		
Published technical standard(s) or engineering principle(s) used for the design	AS 1418.5, AS 1418.1, AS 3990		
Representational drawing title	AT-20 OM906 REPTO 3000 GEN 4		
Representational drawing number	PL20A1001		
Revision number or date	Revision A	Rev: PL22A1000	(See below)

Complete the subsection below that applies to the type of plant to be design registered.
If you need assistance with the information to be provided in the fields below discuss this with your design verifier or the designer of the plant.

3.1 Building maintenance unit

Rated capacity (in kilograms)	Number of people	Maximum working height (in metres)
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3.2 Concrete placement unit with delivery boom

Maximum delivery rate (in cubic metres per hour)	Boom length (in metres)	Maximum flexible hose length (in metres)	Maximum concrete pumping pressure (in kilopascals or bar)
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3.3 Tower crane, mobile crane, gantry crane or bridge crane

Complete the relevant fields for the type crane to be design registered.

Maximum rated capacity (in tonnes or kilograms) 22.0t	Maximum boom length (in metres) 17.9	Maximum radius (in metres) 15.80	Maximum freestanding height (in metres) 3.1
Load chart number T133750	Auxiliary hoist capacity (if fitted) (in tonnes or kilograms)	Maximum span (in metres)	Maximum hook height above ground (in metres) 16.91

3.4 Boom-type elevating work platform

Maximum rated capacity (in kilograms)	Maximum boom length (in metres)	Maximum radius (in metres)	Maximum working height (in metres)
Insulation rating	Maximum chassis inclination (in degrees)	Maximum in-service wind speed (in metres/second)	Maximum number of people in platform

3.5 Workbox designed to be suspended from a crane

Maximum rated capacity (in kilograms)	Tare mass (in kilograms)	Length X width of workbox (in metres)	Maximum number of people in box
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3.6 Hoist with a platform movement exceeding 2.4 metres, designed to lift people

Maximum rated capacity (in kilograms)	Maximum travel height (in metres)	Maximum hoisting speed (in metres per second)	Number of people permitted on hoist
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3.7 Vehicle hoist

Maximum rated capacity (in kilograms)	Maximum lift height (in metres)	Vehicle hoist type (e.g. two or four post, scissor)	Vehicle hoisting mechanism (e.g. hydraulic, cable or screw)
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3.8 Mast climbing work platform

Maximum rated capacity (in kilograms)	Maximum working height (in metres)	Maximum in-service wind speed (in metres per second)	Maximum vertical travel speed (in metres per second)
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3.9 Lift

Maximum rated load (in kilograms)	Number of people	Maximum travel (in metres)	Maximum speed (in metres per second)
Control type		Car floor area (in square metres)	Number of levels served

Type (tick to select)

Passenger Goods Stairway/inclined Service

3.10 Escalator or moving walk

Rated capacity (number of people per hour)	Speed (in metres per second)	Angle of incline (in degrees)	Travel length (in metres)
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3.11 Prefabricated scaffold

Complete the relevant fields for the scaffold or formwork to be design registered.

Duty (light, medium or heavy)	Maximum height (in metres)	Material (Steel or aluminium)
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3.12 Prefabricated formwork

Formwork type (e.g. frame, column, wall or combination)	Maximum height (in metres)	Material (Steel or aluminium)
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3.13 Pressure equipment and gas cylinder

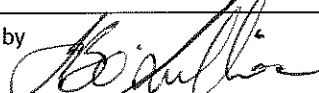
Design Pressure (in kPa or MPa)	Test Pressure (in kPa or MPa)	Design temperature (in degrees Celsius)	Volume (in litres or cubic metres)
Hazard level	Rating (if applicable) (in kilowatts or kilograms per hour)	Material (for gas cylinders only)	

3.14 Amusement device

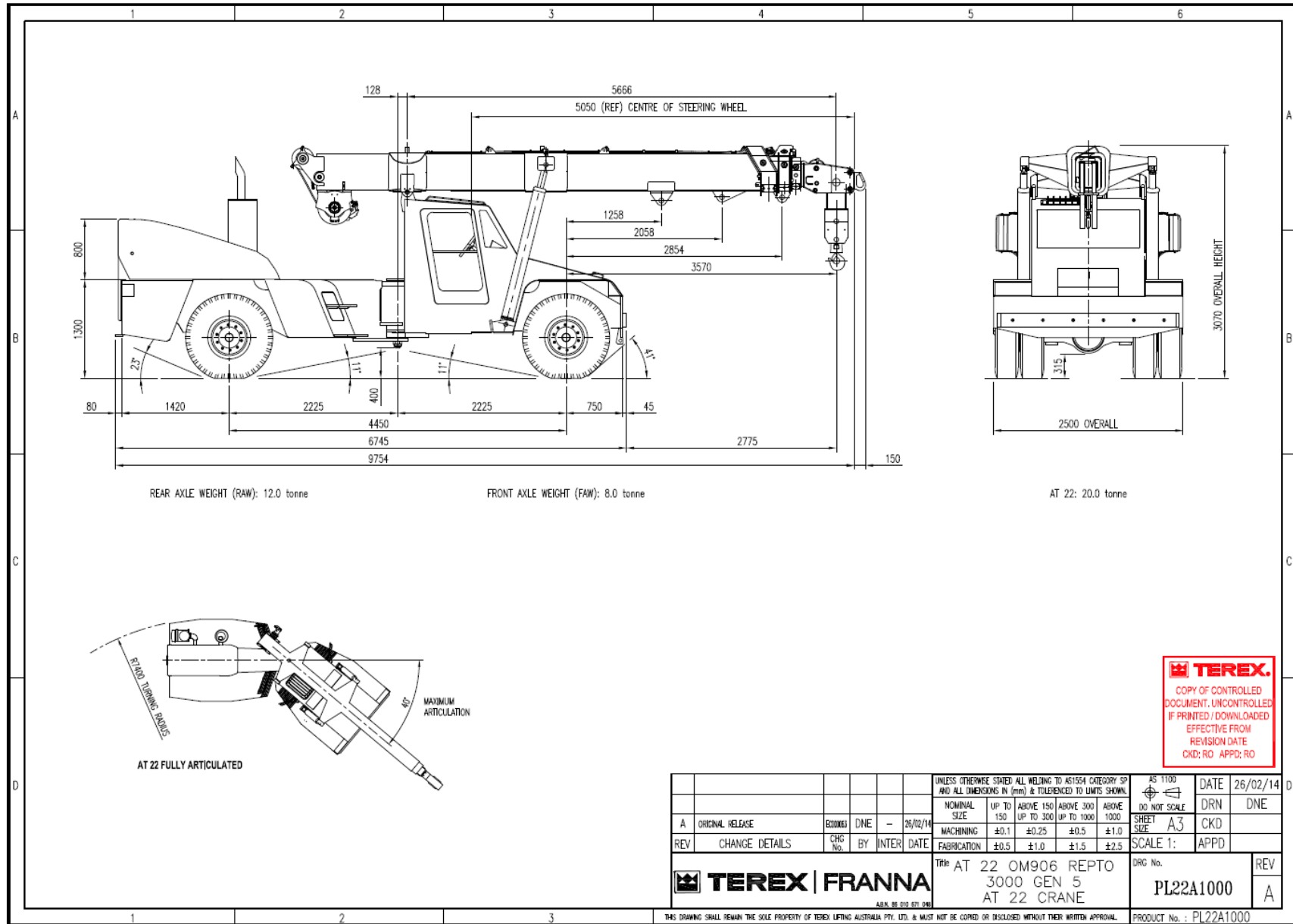
Class (under AS 3533)	Ride name	Minimum rider height (height that allows patrons to ride)
Fixed or mobile	Maximum speed of rider (in metres per second)	Maximum acceleration of rider (in g)

4. Confirmation of design registration

This is to advise that the above plant design has been registered in accordance with the *Work Health and Safety Regulation 2011*. Each unit of plant manufactured and supplied to this design should be permanently and legibly marked with the plant design registration number below.

Plant design registration number 227576	Registered by 	Date 1/11/2013
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PRIVACY STATEMENT: The Department of Justice and Attorney-General is collecting your personal information in order to process your application for design registration of plant in accordance with the *Work Health and Safety Act 2011*. It is the department's usual practice to disclose this information to the applicable Commonwealth, state or territory health and safety regulator/s in order to obtain information relevant to making a decision on your application. The department may only disclose information with the authority of the applicant or as allowed in section 263 of the *Work Health and Safety Regulation 2011*.



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				FABRICATION		±0.5	±1.0	±1.5	±2.5	SCALE 1: APPD	
TEREX FRANNA				TR# AT 22 OM906 REPTO 3000 GEN 5 AT 22 CRANE				DRG No. PL22A1000		REV A	
THIS DRAWING SHALL REMAIN THE SOLE PROPERTY OF TEREX LIFTING AUSTRALIA PTY. LTD. & MUST NOT BE COPIED OR DISCLOSED WITHOUT THEIR WRITTEN APPROVAL.										PRODUCT No. : PL22A1000	

Our Ref: Q27576

14 March 2014

Mr Dallas Elvery
Senior Engineer
Terex Australia Pty Ltd
PO Box 1396
EAGLE FARM QLD 4009

Dear Mr Elvery

**Re: Pick & Carry Crane, Model AT 22
Plant Design Registration Number Q27576**

Thank you for your letter dated 28 February 2014 and notification of the following:

- ◆ New layout drawing created
- ◆ Minor differences between the original drawing in the file for plant design number Q27576 and the current fabrication drawings for the crane
- ◆ No change to the design or manufacture of the crane.

Please be advised that our records have been updated to reflect the above information and drawing number PL22A1000 Rev A placed on file.

Yours sincerely



MICHAEL CHAN
Director and Chief Safety Engineer
Workplace Health and Safety Queensland