

# Application for registration of registrable plant design

Workplace Health and Safety Act

Read notes/directions prior to completion of this form — PLEASE PRINT

## Applicant's details

Q 25881

1 Name of applicant All Crane & Hoist Consulting & Inspection Services ABN 4 5007377442

2 Address of applicant 11 Machinery Street  
Darra Queensland Postcode 4076

3 Mailing address of applicant 11 Machinery Street Darra Qld Postcode 4076

4 Contact person Geoff Williams Email allcrane@bigpond.com  
Phone ( ) 0412 547 211 Fax (07) 3375 4377

5 Are you: Designer  Manufacturer   
Other (give details) Consultant to Manufacturer

## Plant details

6 Manufacturer (if known) GENIE INDUSTRIES

7 Description of plant SELF PROPELLED ARTICULATING BOOM

8 Model/type Z45/25 J.DC.AU 9 Rated capacity 227 Kg.

10 Designed to standard AS1418-10 2011 11 Drawing/s no. SK 0280

12 Location Unknown 13 Change to design (Insert original Plant Design Registration No.) N/A.

Trade name	Load chart no.	No. of posts
Span (m)	Wheel track centres (m)	Max height
No. of towers	No. of ties	

14a Cranes

Length x width (m)	Tare mass (kg)	Safe Working Load (kg)
No. of floors	Angle of Inclination	Speed
Electric or Hydraulic		

14b Work boxes

14c Lift, escalators

Max height (m)	Duty (Light/Medium/Heavy)	Material (Steel/Aluminium)
Intrinsic safety secured Y / N	Fixed or mobile	Class of ride

14d Prefabricated scaffolding

14e Specified amusement device

14f Pressure equipment

Rating (kW)	Volume (m <sup>3</sup> )	Hazard level
Design Pressure (kPa or mPa)	Design temp.	Test Pressure (kPa or mPa)

15 Applicant's statement  
The design verifier for this registrable plant design application was not involved in any part of the design. (See 16 — Statement by design verifier)

Applicant's signature G. Williams Date 20 / 17 / 2011

## NOTICE OF PLANT DESIGN REGISTRATION

<b>Plant Type</b>	Boom – Type Elevating Work Platform - Self Propelled
<b>Representational Drawing(s)</b>	SK0280
<b>Design Description and Extent</b>	Model : Z45/25 J DC AU
<b>Technical Information</b>	Max. SWL 227 kg, Max. Working Height (to bottom of basket) 13.94m, Max. Radius 7.65 m, Boom Type: Knuckle Boom
<b>Maker</b>	Genie Industries
<b>Confirmation Number</b>	V1103211
<b>Date of Confirmation</b>	14 OCT 2011
<b>Published technical standards or engineering principles</b> (as listed by designer and confirmed by design verifier)	AS1418.10 - 2011: Crane, Hoist & Winches Part 10 - Elevating Work Platforms

### IMPORTANT INFORMATION

1. This notice applies only to the above design, which has been registered according to the above-named Regulations. The Authority has not verified that the designer has complied with the design obligations prescribed by the Regulations or the above mentioned technical standards or engineering principles.
2. The plant owner will require this confirmation and, therefore, a copy of it should be supplied to the manufacturer, so that it can in turn be provided to the supplier and owner with the plant or equipment.
3. The Regulations require the designer to keep and maintain, in a suitable state for examination, all records that the Regulations require for 10 years.
4. The Authority reserves the right to audit the registered design at any time to assess compliance with the above Acts and Regulations. If an audit is undertaken, the Authority may ask the person seeking registration or the plant owner or both to supply detailed information relating to the design of the plant. Design systems of work and documentation may also be audited. If an audit identifies non-compliance with the Acts and Regulations, all plant built to that design may require modifications and may be prohibited from use.
5. This notice is automatically invalidated if the design is altered to an extent that requires new measures to control risk. A person must not use, or cause or allow plant manufactured to the altered design to be used at a workplace unless the Authority has confirmed registration of the alteration.
6. You should quote the registration number in all correspondence to the Authority regarding this design. Any queries should be addressed to the Authority's Licensing Branch, 1300 852 562.
7. This notice will also be considered a notice of Plant Design Registration under the Equipment (Public Safety) Regulations 2007.



**Leanne Harwood**  
Licensing Manager

# REGISTRATION OF PLANT DESIGN FOR A BOOM TYPE ELEVATING WORK PLATFORM



Client No: 22215

Printed: 02/09/2011

**ACH Consulting & Inspection Services Pty Ltd**  
All Crane & Hoist Consultants & Inspection  
Services  
41 North Road  
BRIGHTON VIC 3186  
AUSTRALIA

## Contact details

### Licensing Clerk

**Address:** Level 4 Building A  
33 Richmond Road  
KESWICK SA 5035

**Postal:** GPO Box 465  
ADELAIDE SA 5001

**Phone:** 1300 365 255  
**Fax:** +61 8 8303 0411

**Website:** [www.safework.sa.gov.au](http://www.safework.sa.gov.au)

## DETAILS OF REGISTERED DESIGN

**Site Address:** 41 North Road  
BRIGHTON VIC 3186  
AUSTRALIA

**Design Registration Number:** SD-20111931-1

**Issued:** 02 September 2011

**Description:** Self Propelled Articulated EWP  
(Genie Z-45/25J DC AU)

**Design Drawing Numbers:** SK0280 (Rev -), Brochure (Z-45/25J DC 090327 Ver1)

**Designer:** GENIE INDUSTRIES (USA)

**Design Code:** AS1418.10-2011

**Design Criteria:** Platform Capacity 227 kg  
Platform Height (max) 13.92 m (from ground to underside of basket)  
Horizontal Reach (max) 7.65 m (from axis of rotating turret to outside of basket)  
Basket Levelling Automatic

**Hazard Level:**

This is to certify that the design of the item of plant described has been registered pursuant to the Occupational Health Safety and Welfare Regulations 2010 and the National Occupational Health and Safety Standard for Plant. If this registered design is altered, it must be re-submitted for re-registration within 21 days or this registration will lapse. The Registered design number must be provided to any manufacturer, importer or supplier of the plant. The Design Registration Number: SD-20111931-1 must be permanently marked on the plant. Non compliance with the regulations may incur a penalty.

Delegate of Director  
SafeWork SA, Department of Premier and Cabinet



# CERTIFICATE OF PLANT DESIGN REGISTRATION

Occupational Health & Safety Act 2000  
Occupational Health & Safety Regulation 2001

ABN: 77 682 742 966  
Phone: (02) 4321 5498  
Fax: (02) 4325 5094

Registration No: **HST 6-152130/11** ABN: 45007377442 Issue Date: **28/09/2011**

Controller: A.C.H. CONSULTING & INSPECTION SERVICES PTY. LTD.  
Postal: 41 NORTH RD  
Address: BRIGHTON  
VIC 3186

Plant Type: Hoist Original

Model Number/ Trade Name: Z-45/25J DC AU

## Design Description:

Hoist Type	Hoists With Platform Movement > 2.4 m
Max Standing Height (m)	13.9200
Max Working Height (m)	15.9200
Max Rated Capacity (t)	0.2270
Drawing Number Design	SK0280 REV 0 DATE 13/07/2011

## CONDITIONS:

1. This registration applies only to the design described above which has been notified to WorkCover NSW in accordance with the OHS Regulation 2001.
2. The plant owner will require a copy of this certificate. A copy of the certificate must therefore be supplied to the manufacturer so that it can, in turn, be provided to the supplier and owner with the item of plant or equipment.
3. WorkCover NSW reserves the right to audit the registered design at any time to assess compliance with its Acts and Regulations. If an audit is undertaken, detailed information may be requested relating to the design of the plant. Design systems of work and documentation may also be audited. If an audit identifies non-compliance, all plant built to that design may require modifications, and in some cases, may be prohibited from use.
4. This Registration is automatically invalidated if the design is altered to an extent that requires new measures to control risks. A person must not use, or cause or allow plant manufactured to the original design to be used at a workplace unless notification of the alteration, or the prescribed form, has been confirmed by WorkCover NSW.
5. The Registration Number should be quoted in all correspondence to WorkCover regarding this item. Any queries should be addressed to WorkCover's Licensing Unit.

Fee Paid: \$ 455.00

Receipt No: 30-7139

*making a difference*



Date: 13 March 2012

A C H CONSULTING & INSPECTION SERVICES PTY LTD  
41 NORTH RD  
BRIGHTON VIC 3186

ATT: Geoff G Williams

**EVIDENCE OF DESIGN REGISTRATION**

Your application dated 15 August 2011 and submitted in accordance with regulation 4.3 of the Occupational Safety and Health Regulations 1996 has been processed and registered as follows:

**Design Registration Number:** WAH20727

**Date of Registration:** 13 March 2012

**Description of Plant:** Elevating Work Platform Genie Model: Z-45/25J DC AU  
Manufacturer: Genie Industries, 33 Kimberley Street, Darra, Queensland

**Design Conditions:** Maximum Rated Load 227 kg (maximum two persons).

**Design Code:** AS1418.10(Int)-2004

This registration is for the design shown on drawing numbers SKO280, 106976 Rev.A, 106983 Rev.B, 73900 Rev.E, 119626 Rev.E, 70820 Rev.H.

Please ensure the registered number is prominently displayed on or in the vicinity of the plant in accordance with regulation 4.2(1)(d).

Any subsequent alterations made to the registered design will require re-registration in accordance with regulation 4.11.

Hafize Barton  
Mechanical Engineer  
Engineering Services

# DESIGN REGISTRATION

REGISTERED IN THE NORTHERN TERRITORY OF AUSTRALIA

## CRANES AND HOISTS

Registration number
N 8024

Applicant <b>The Manager</b> ALL CRANE & HOIST CONSULT & INSPECTION SER 41 NORTH ROAD BRIGHTON VIC 3186
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Manufacturer GENIE AUSTRALIA
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Location
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Reference GEOFF WILLIAMS	Telephone 03 0395961576
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Reference GEOFF WILLIAMS	Telephone 03 0395961576
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Description SELF PROPELLED ARTICULATING BOOM
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Drawing number(s) SK0280	Rev. 0	Drawing number(s)	Rev.
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Model/Type Z-45/25J DC AU
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Design code AS1418	Classification 10-2011
Maximum allowable capacity 227 kg	at working radius 7.65 m
Load rating chart number(s)	and boom length 13.94 m
Span of bridge section m	Type of bridge section Hoist details

Remarks Design Registration is granted under the NT Workplace Health and Safety Regulation 88(1)(b) on a reciprocal bases from: Queensland-Q25881  This Design Registration is also granted based on the supplied Statement of Design Verification signed by Donald Charles Nicholls dated 22 September 2011, drawing number SK0280 and Operation Manual Z-45/25J DC AU (seventh edition) issued by Genie Australia Pty Ltd.
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Workplace Health and Safety Regulations 88, 89, 90, 91, 92. The above mentioned design has been assigned design registration number:	N 8024
Director NT WorkSafe	Date: 10/10/2011

**Northern Territory Government**  
**NT WorkSafe**  
 GPO Box 1722 Darwin 0801 — Telephone: 1800 019 115 Facsimile: (08) 8999 5141