

G.C. NIXON & ASSOCIATES PTY. LTD. – Consulting Civil & Structural Engineers
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7th August, 2014

Ref: 140802

Stairform Pty. Ltd.
29-31 Ordish Road,
DANDENONG SOUTH 3175

Attention: Koushik Vijay Kumar

Re: Standard Stair Flight Formwork Lifting Hooks

As requested, we have reviewed the standard stair flight formwork lifting hooks, as detailed on your drawing titled "Crane Hook", for compliance with the requirements of the Australian Standards AS4100 & AS 1418.1.

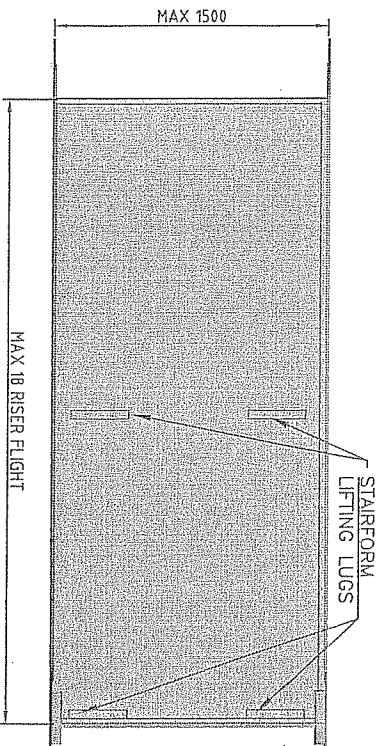
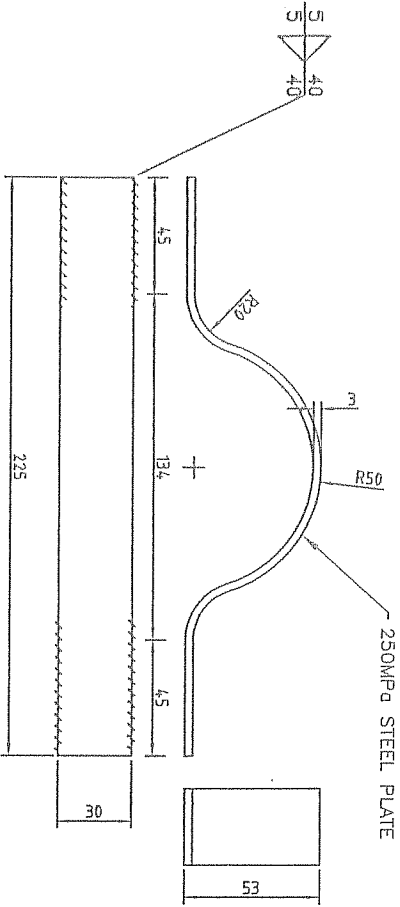
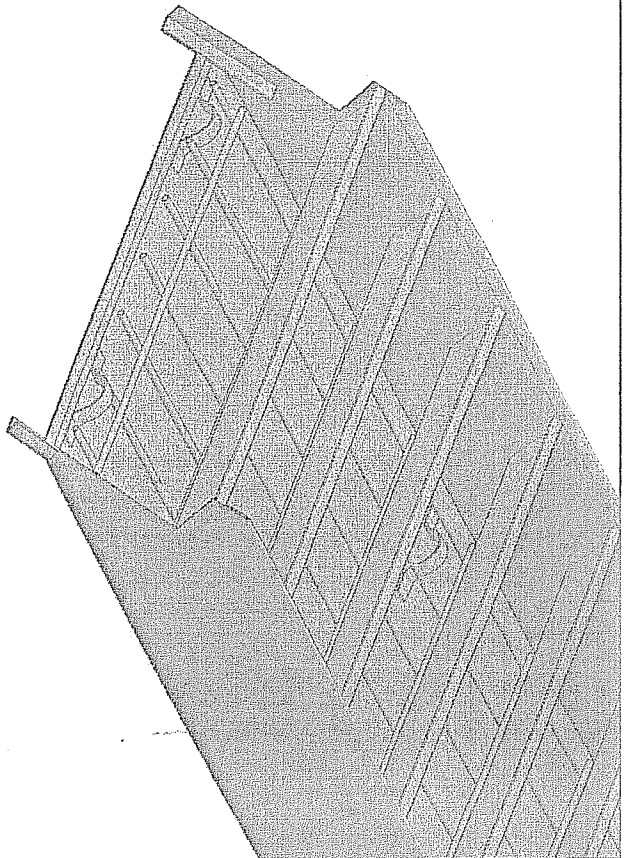
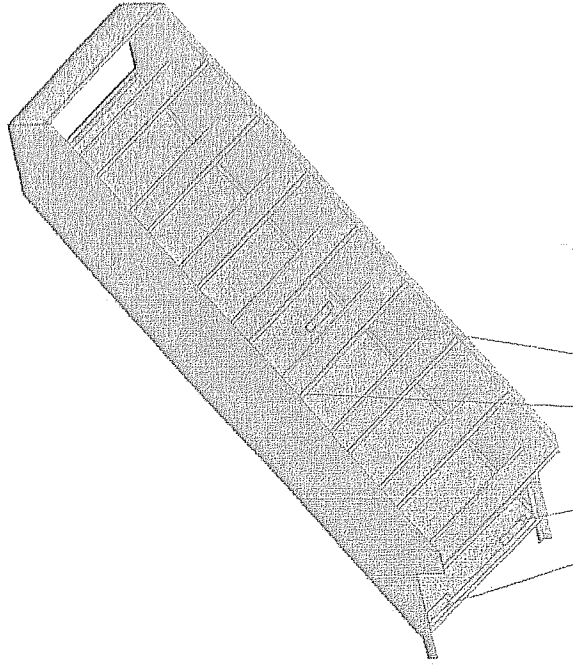
The 30 x 3mm steel plate lifting lugs will be adequate for an 18 riser form, provided that –

1. The lugs are fabricated from 3mm steel plate in accordance with the drawing provided,
2. The lifting lugs are welded to the stair form with 3mm continuous fillet welds,
3. There are 4 lifting lugs per stair flight, and they are evenly loaded,
4. The crane lifting hook shall connected to the stair form hook using a steel shackle,
5. The maximum acceleration at the initial lift does not exceed 0.6 metres per second per second,
6. The maximum weight of the stair flight form does not exceed 450 kg.

Yours truly,



Geoffrey Nixon
M.I.E.Aust. C.P. Eng 106710
Registered Building Practitioner EC-1526
R.P.E.Q. 3825



Project No.	SWL FOR 4 HOOKS	Flight Width	Total Risers
Flight ID	300 Kg	Appx. Flight Weight	No.
			Kg

STARFORM LIFTING SYSTEM



Stairform Pty Ltd.
 29-31 Ordian Rd, Dandenong South
 Ttd: (03)9794 9433 Fax:(03)9794 9443
 www.stairform.com.au

Project Name:

Project No.

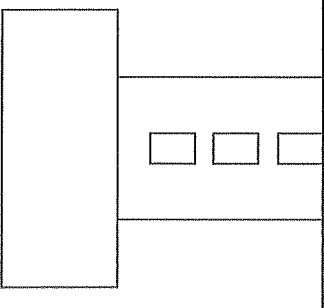
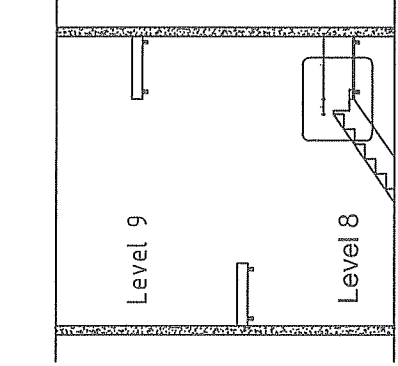
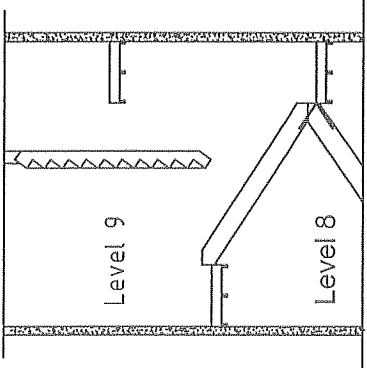
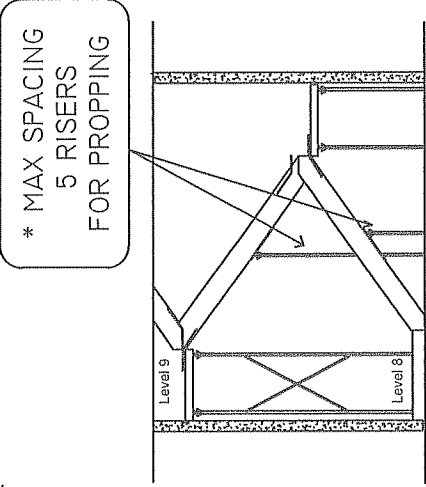
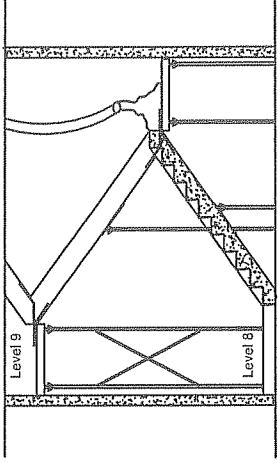
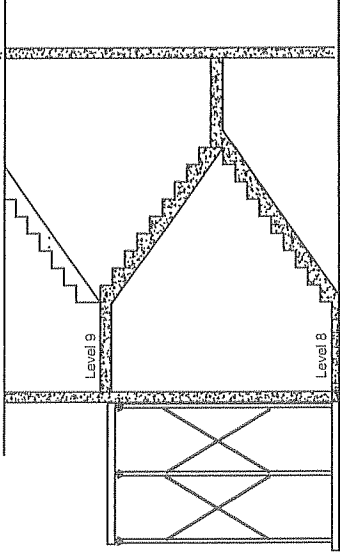
Flight ID

Lifting Hooks Welded By

Checked by

Date

Date

<p>STEP 1</p>  <ul style="list-style-type: none"> Core formwork must be ahead before commencing installation of Stairform formwork 	<p>STEP 2</p>  <ul style="list-style-type: none"> Form up landing, refer to Stairform approval drawing for dimension X and Y 	<p>STEP 3</p>  <ul style="list-style-type: none"> Install Stairform formwork by a chainblock from above Complete reinforcement to landings and lapping bars
<p>STEP 4</p>  <ul style="list-style-type: none"> Backprop formwork @every 5 risers - maximum spacing Flights wider than 1200 require additional propping 	<p>STEP 5</p>  <ul style="list-style-type: none"> Concrete pour from bottom to up with Concrete mix. AM pour with PM finish preferred 	<p>STEP 6</p>  <ul style="list-style-type: none"> Once stairs and landings are cast, formwork can begin to main floor areas. Ensure that all metal surfaces are cleaned immediately after concrete works
<p>STAIRFORM METHOD STATEMENT</p> <p>Project -</p> <p>Stairform Pty Ltd. 29-31 Ordish Rd, Dandenong South, VIC 3175 Tel: (03)9794 9433 Fax:(03)9794 9443 www.stairform.com.au</p> <p>Drawn by: MP Date: 01/03/2014 Scale: NTS</p> <p>Checked by: Job No. -</p> <p>Drawing No. - Rev No. C</p>		



ENTRY REPORT



Visit Number: V00040402908L

Entry Date and Time : 11/08/2014 11:00 AM Departure Date and Time: 11/08/2014 12:30 PM

PLACE ENTERED

STAIRFORM PTY. LIMITED.
 ABN: 40106860879 ACN: 106860879
 29-31 ORDISH ROAD
 DANDENONG SOUTH 3175
 Phone Number: 97949433 Facsimile Number: 97949443

THIS REPORT GIVEN TO

Name: Koushik Vijaykumar Persons Position: Employer Representative

Service Method: Left for a person

Name of person copy given to: NO HSR Persons Position: Health and Safety Representative

Purpose for entry:

I entered this place as part of WorkSafe Victoria's proactive intervention program to provide guidance and assess and enforce compliance with specific health and safety laws. This visit is undertaken as part of the General Construction Trades project.

Under section 98(1) of the Occupational Health and Safety Act 2004, I entered your workplace during working hours.

OBSERVATIONS AND ACTIONS OF THE INSPECTOR

- I attended your workplace at 29-31 Ordish Road, Dandenong South, on site I met with Stairform P/L, General Manager Koushik Vijaykumar to discuss the following issues:
 - as a result of an incident at a building site in Victoria, involving the lifting via a crane, a Steel Stair Formwork system where the lifting points failed. The product was not supplied by this employer.
 - Worksafe are following up with suppliers of similar products to ensure that adequate information and processes are adopted to ensure safe supply & installation of these products.
 - Mr Vijaykumar, submitted to Worksafe documentation that highlighted Engineering detail on the design and specification for the " Standard Stair Flight Formwork Lifting Hooks" as specified by G.C. Nixon & Associates, Engineering.
 - Mr Vijaykumar, also submitted detailed Stairform method statement which they supplier

to the client.

- Mr Vijaykumar, also discussed Quality Assurance measures that Stairform take to ensure that the system meets compliance with the Engineering detail.

WorkSafe are satisfied that at the time of this visit Stairform P/L are meeting their obligation under the Occupational Health & Safety Act.

2. No elected HSR representation and consultation

I was advised by Koushik Vijaykumar, management representative that there are no formal representative arrangements in place and

- there are no elected health and safety representatives (HSR)

I was advised that consultation on health and safety matters occurs at this workplace by

- raising issues as they arise with the site supervisor/manager directly or via the phone

- meetings

Guidance is available in the WorkSafe publication Consultation on Health and Safety – A handbook for Workplaces and Employee Representation – A handbook for Workplaces available at www.worksafe.vic.gov.au

3. Inspect, examine and make enquiries

In accordance with Section 99 (a) and (b) of the Occupational Health and Safety Act 2004, I inspected, examined and made enquiries. This includes documents detailed in this Entry Report or as follows:

- G.C.Nixon report dated 07/08/2014, reference #140802, (1 page)

- Stairform Lifting system drawing (1page)

- Stairform method statement, (1 page)

During my visit at the above workplace Stairform P/L voluntarily provided to me the documents listed above and gave permission to take those documents away from site.

4. Inspect, examine and make enquiries

In accordance with Section 99 (a) and (b) of the Occupational Health and Safety Act 2004, I inspected, examined and made enquiries. This includes documents detailed in this Entry Report or as follows:

LIST DOCUMENTS

DELETE 'OPTION A' AND/OR 'B' AS APPLICABLE

IF YOU MAKE A COPY

A. In accordance with Section 124 of the Occupational health and Safety Act 2004, you are hereby notified that copies of

SPECIFY DOCUMENTS/EXTRACTS/PART OF A DOCUMENT as requested have been made.

IF VOLUNTARILY PROVIDED DOCUMENT TO TAKE FROM SITE

B. During my visit at the above workplace INSERT DUTY HOLDER NAME voluntarily provided to me the following

SPECIFY DOCUMENTS/EXTRACTS/PART OF A DOCUMENT and gave permission to take those documents away from site.

INSPECTOR INFORMATION

Name of Inspector: **Anthony William Cockerell**
Telephone Number of Inspector: **5226 1219**
Facsimile Number of Inspector: **5221 7861**

INTERNAL REVIEW OF CERTAIN INSPECTOR DECISIONS

If you want to apply for internal review of a decision made by an inspector during this visit, you must lodge the approved application form with the Internal Review Unit within 14 days of the date the decision came to your notice. WorkSafe Victoria (WorkSafe) must conduct the internal review within legislated time frame of either 7 or 14 days depending on the category of reviewable decision. If WorkSafe does not notify you of the internal review decision within the required time, WorkSafe is taken to have made a decision to affirm the reviewable decision. Not all decisions can be internally reviewed and in order to seek internal review of a decision you must be an eligible person.

Application forms for internal review, a list of reviewable decisions and a list of eligible persons are available upon request from a WorkSafe Inspector, WorkSafe Advisory Service on 1800 136089 or they can be downloaded from the website worksafe.vic.gov.au

All applications are to be in approved form and must be received by WorkSafe's Internal Review Unit, GPO Box 4306, Melbourne 3001 in order to be considered.

If you lodge an application for internal review and you do not receive a decision within the required time frame or you receive an Internal Review decision that you are not happy with, you can then apply to Victorian Civil and Administrative Tribunal for external review within 14 days of the date the Internal Review decision or non-decision first came to your attention. Applicants seeking external review must be an eligible person.

You can contact the Internal Review Unit on telephone (03) 8663 5450, fax (03) 8663 5451 or by email at internalreviewunit@worksafe.vic.gov.au

OFFENCE

The following Acts, including any regulations made under them carry varying offences such as failure to meet duties and obligations, non compliance with a notice or direction issued or made by an inspector and hindering or obstructing an inspector in the exercise of their powers:

- * Occupational Health and Safety Act 2004
- * Dangerous Goods Act 1985
- * Equipment (Public Safety) Act 1994

For specific details about offences and subsequent penalties refer to the specific Act or regulation.

FEEDBACK

If you want to contact WorkSafe in relation to this entry by our Inspector other than for Internal Review purposes (see above), please use the following guide:

- * to clarify any matter that is covered by the Entry Report and any associated Notices or Directions contact the issuing Inspector, whose name and contact details appear above in the Inspector Information section in this Entry Report.
- * to make comment about any aspect of how this inspection was conducted, contact the inspector's senior management on telephone <PHONE>, fax <FAX> or by writing to <ADDRESS>
- * to provide feedback in relation to WorkSafe activities or the legislation we administer, write to WorkSafe Victoria, Advisory Service GPO Box 4306 Melbourne Victoria 3001, For general enquiries contact our Advisory Service on (03) 9641 1444 or 1800 136 089 (toll free).