HYDRAJAWS®
Bluetooth™ DIGITAL

Speakers

- Jonathan Craig — Test Engineer, Hydrajaws

- Adrian Morgan — Managing Director, Hydrajaws
- Andrew Middleton — Business Manager, Hydrajaws
- Ian Craig — Senior Test Engineer, Hydrajaws
- Brian Kent — Designer, Castle Engineering

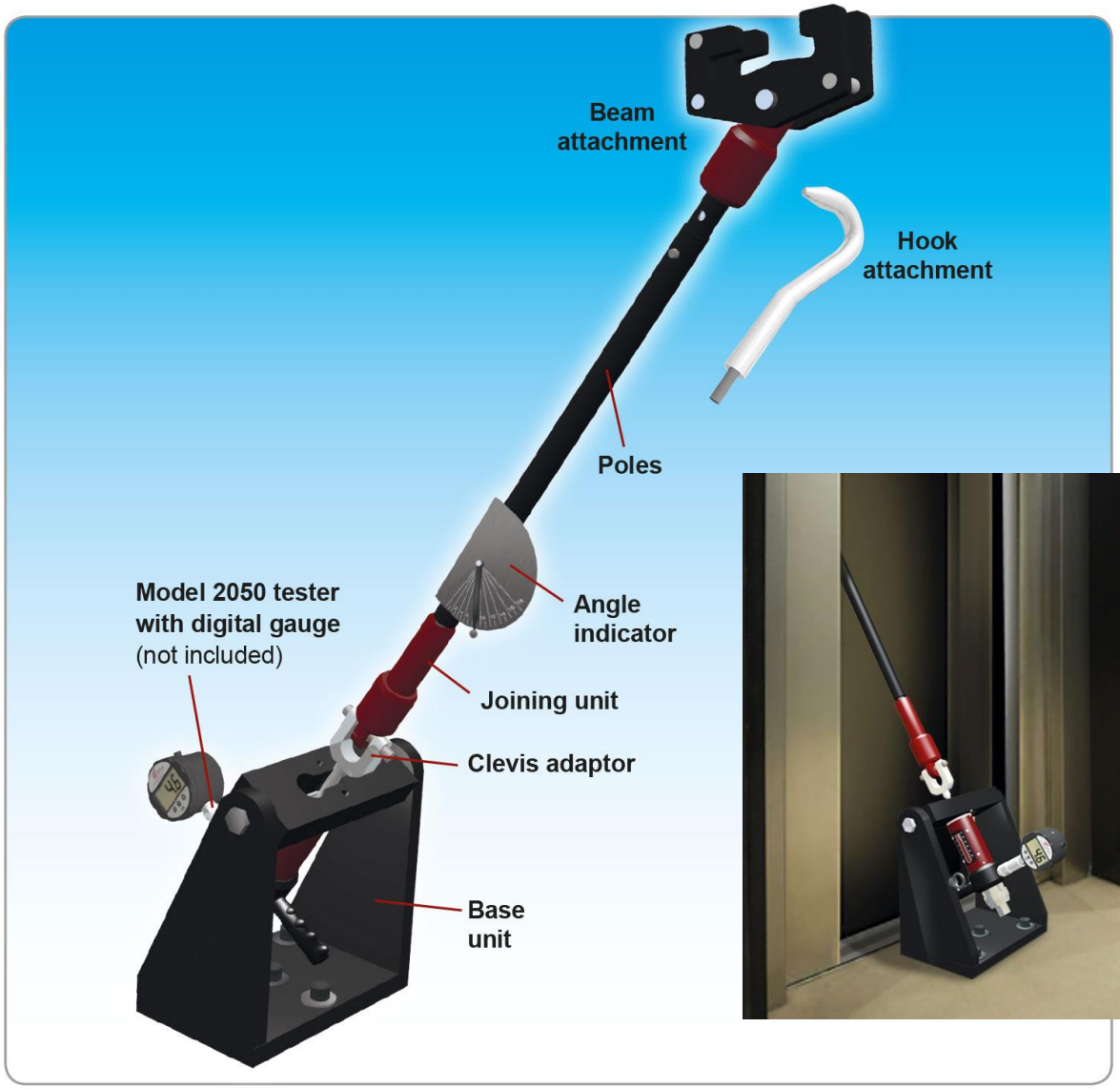
Hydrajaws Limited

- UK based original equipment manufacturer
- Established for over 25 years
- Global leaders in portable tension testing equipment
- Hall 2, Stand 2239

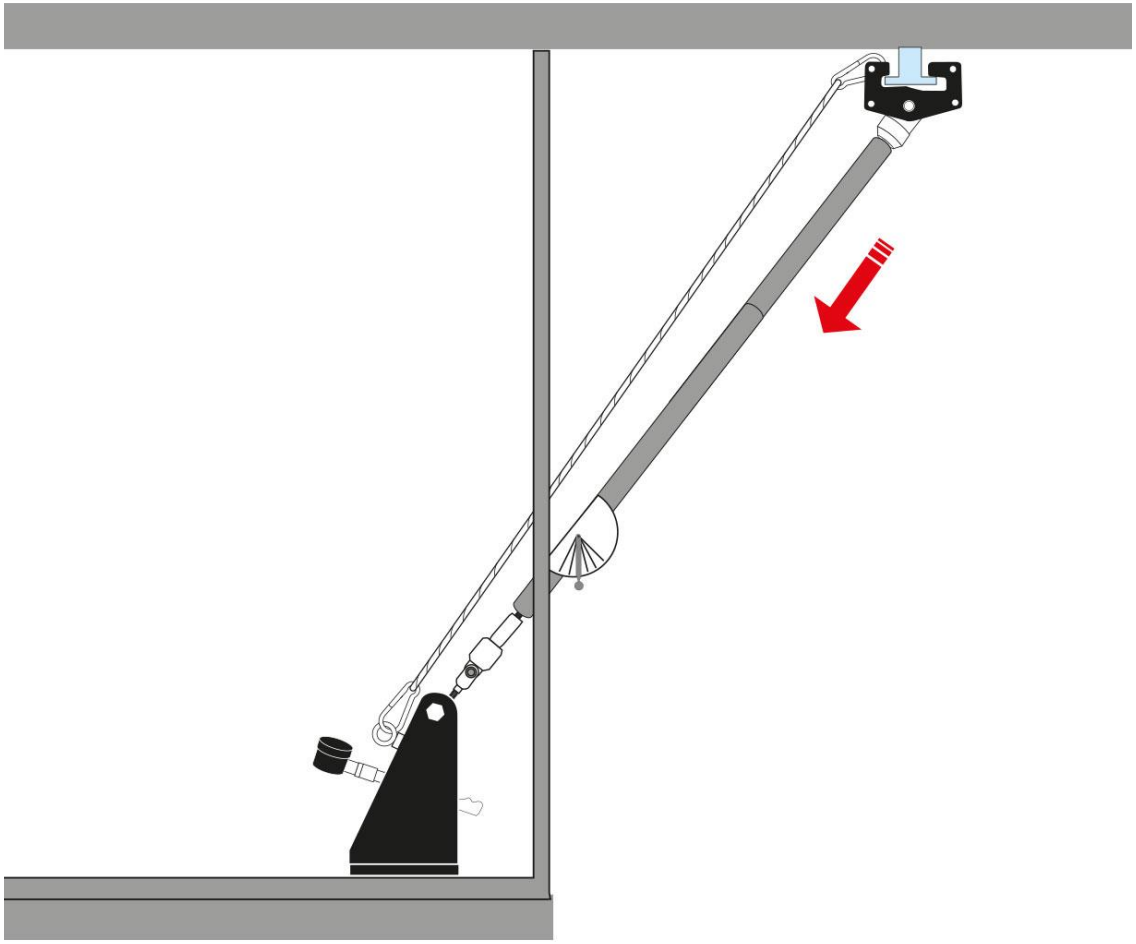
Contents

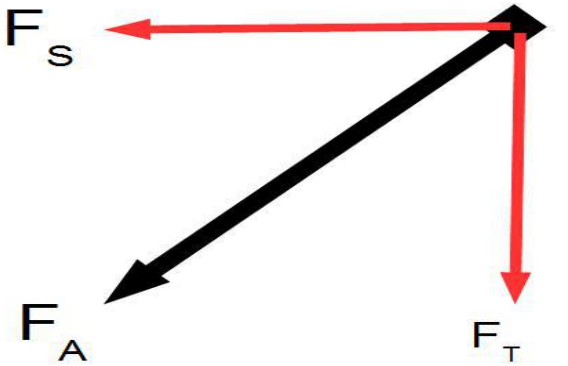
- Introducing the Hydrajaws Elevator Tester Kit
- Introducing the Hydrajaws Bluetooth Digital System
- Discussion

Elevator Tester Kit



Elevator Tester Kit





$$F_A = F_T + F_S$$

Elevator Tester Kit

- Remote load testing of crosshead
- Remote load testing of lifting eyes
- Perform testing from a safe, stable floor
- Eliminate the need for scaffolding or rope access

Elevator Tester Kit

- Key benefits
- Safety
- Efficiency
- No disposable parts

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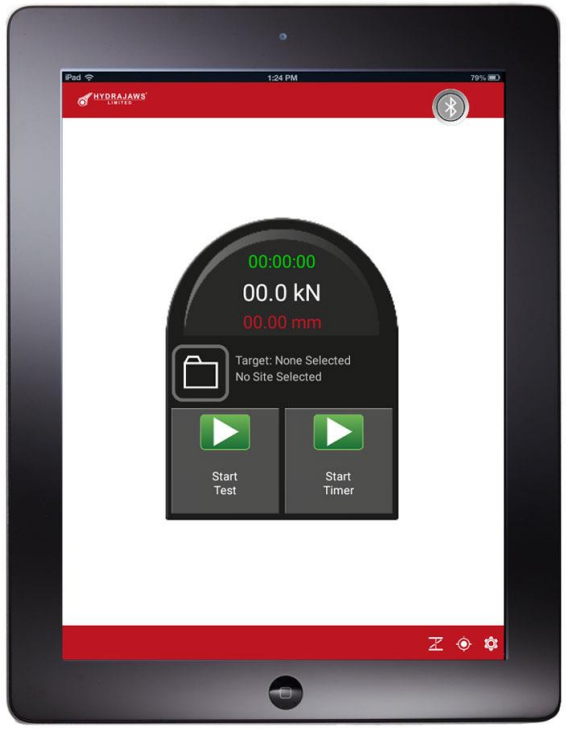
Analogue Gauges

- Recording results manually.
- Manually copy data into a report template.
- Hydrajaws Bluetooth Digital revolutionises this process.

Android

- Tablet or Mobile.
- Operating system 4.4 or newer.



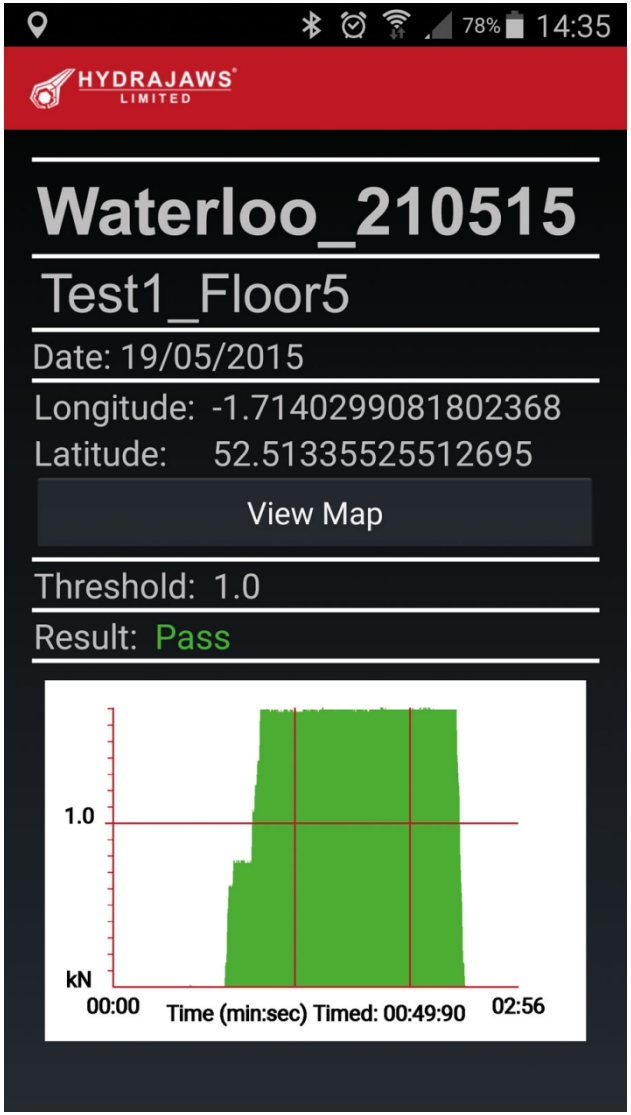
Apple

- Tablet or Mobile.
- Operating system iOS7 or newer.

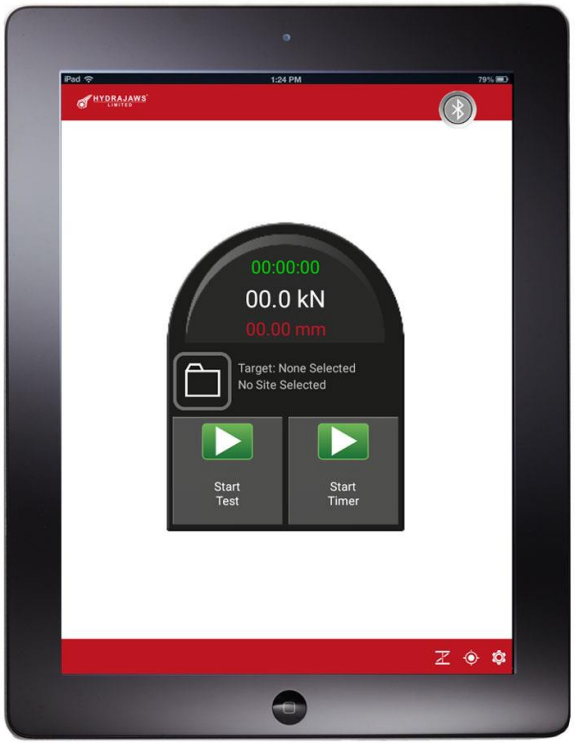
How it works

- Capture the data using an Android or Apple device by Bluetooth.
- Review the data using the Hydrajaws App.
- Compile and send the report directly from on-site as a PDF by email.

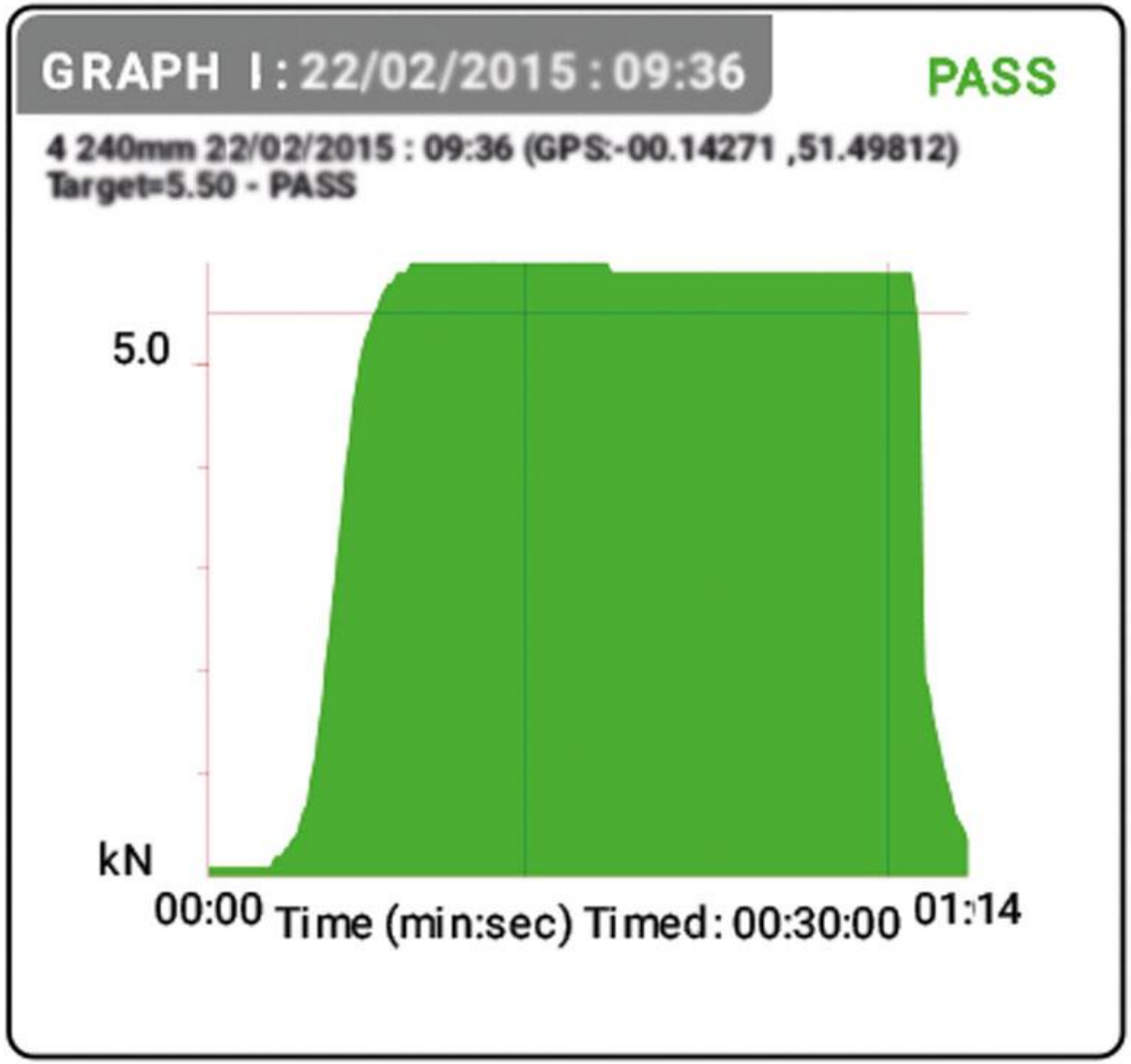
Easy to use interface



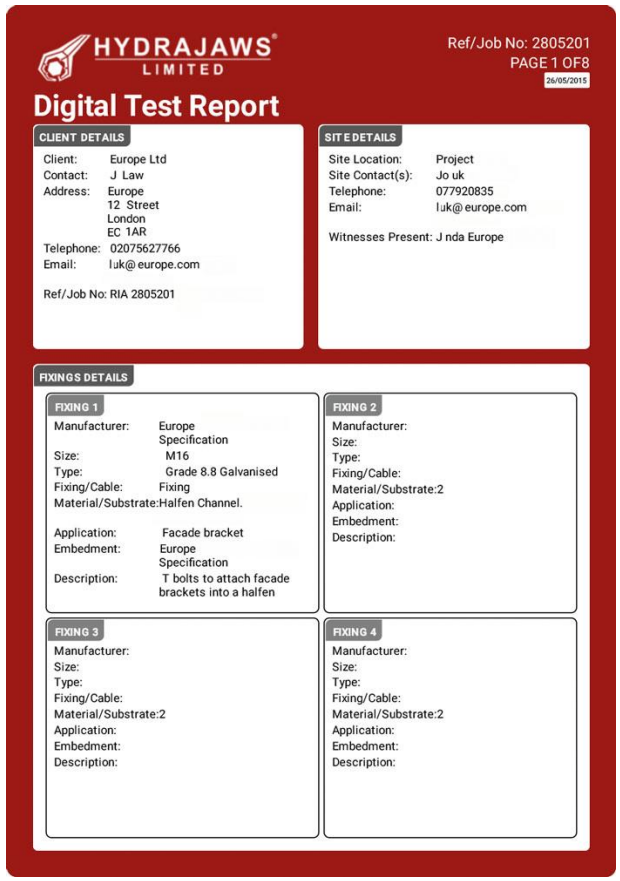
On-site device



Report graphs



Reports



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26/05/2015

Digital Test Report

CLIENT DETAILS

Client: Europe Ltd
Contact: J Law
Address: Europe
12 Street
London
EC 1AR
Telephone: 02075627766
Email: luk@europe.com

Ref/Job No: RIA 2805201

SITE DETAILS

Site Location: Project
Site Contact(s): Jo uk
Telephone: 077920835
Email: luk@europe.com

Witnesses Present: J nda Europe

FIXINGS DETAILS

FIXING 1

Manufacturer: Europe Specification
Size: M16
Type: Grade 8.8 Galvanised
Fixing/Cable: Fixing
Material/Substrate: Halfen Channel.

Application: Facade bracket
Embedment: Europe Specification
Description: T bolts to attach facade brackets into a halfen

FIXING 2

Manufacturer:
Size:
Type:
Fixing/Cable:
Material/Substrate:2
Application:
Embedment:
Description:

FIXING 3

Manufacturer:
Size:
Type:
Fixing/Cable:
Material/Substrate:2
Application:
Embedment:
Description:

FIXING 4

Manufacturer:
Size:
Type:
Fixing/Cable:
Material/Substrate:2
Application:
Embedment:
Description:

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Digital Test Report

TESTING DETAILS

Testing Company: Heightlist
Testing Personnel: Ian and jon
Test Equipment Used: Hydrajaws

Test Conclusions: Lorem ipsum dolor sit amet, consectetur adipiscing elit. Suspendisse mollis lacus ac dolor iaculis posuere. Proin pellentesque nec turpis vitae ullamcorper. Morbi dolor justo, pharetra sed ex vitae, pharetra feugiat diam. Nulla facilisi. Sed lobortis enim sed lacus elementum dapibus. Duis semper, mauris sit amet auctor viverra, quam tortor varius mi, eget rhoncus velit metus ut ipsum. Pellentesque orci nibh, vehicula et egestas eu, mollis at erat. Integer suscipit imperdiet velit, non vestibulum nunc ultrices id. Praesent laoreet tincidunt dui.

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Test Additional Info: Lorem ipsum dolor sit amet, consectetur adipiscing elit. Suspendisse mollis lacus ac dolor iaculis posuere. Proin pellentesque nec turpis vitae ullamcorper. Morbi dolor justo, pharetra sed ex vitae, pharetra feugiat diam. Nulla facilisi. Sed lobortis enim sed lacus elementum dapibus. Duis semper, mauris sit amet auctor viverra, quam tortor varius mi, eget rhoncus velit metus ut ipsum. Pellentesque orci nibh, vehicula et egestas eu, mollis at erat. Integer suscipit imperdiet velit, non vestibulum nunc ultrices id. Praesent laoreet tincidunt dui.

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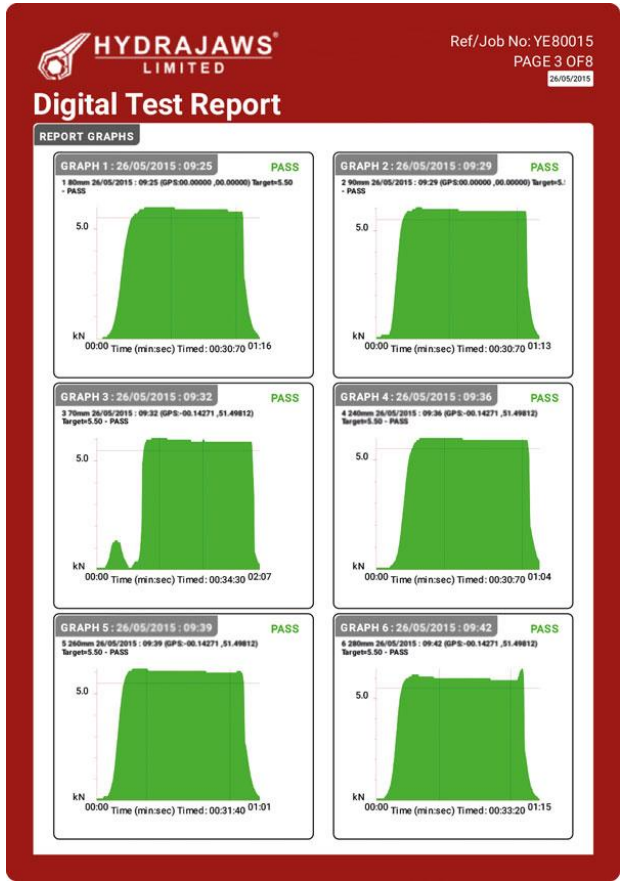

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Digital Test Report

REPORT GRAPHS

GRAPH 1 : 26/05/2015 : 09:25 PASS
1 80mm 26/05/2015 : 09:25 (GPS:00.00000 ,00.00000) Target=5.50 - PASS
5.0 kN 00:00 Time (min:sec) Timed: 00:30:70 01:16

GRAPH 2 : 26/05/2015 : 09:29 PASS
2 90mm 26/05/2015 : 09:29 (GPS:00.00000 ,00.00000) Target=5.50 - PASS
5.0 kN 00:00 Time (min:sec) Timed: 00:30:70 01:13

GRAPH 3 : 26/05/2015 : 09:32 PASS
3 70mm 26/05/2015 : 09:32 (GPS:-00.14271 ,51.49812) Target=5.50 - PASS
5.0 kN 00:00 Time (min:sec) Timed: 00:34:30 02:07

GRAPH 4 : 26/05/2015 : 09:36 PASS
4 240mm 26/05/2015 : 09:36 (GPS:-00.14271 ,51.49812) Target=5.50 - PASS
5.0 kN 00:00 Time (min:sec) Timed: 00:30:70 01:04

GRAPH 5 : 26/05/2015 : 09:39 PASS
5 260mm 26/05/2015 : 09:39 (GPS:-00.14271 ,51.49812) Target=5.50 - PASS
5.0 kN 00:00 Time (min:sec) Timed: 00:31:40 01:01

GRAPH 6 : 26/05/2015 : 09:42 PASS
6 280mm 26/05/2015 : 09:42 (GPS:-00.14271 ,51.49812) Target=5.50 - PASS
5.0 kN 00:00 Time (min:sec) Timed: 00:33:20 01:15

Advantages

- Accountability
- Traceability
- Efficiency
- Safety

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Thank you for your time.

We are pleased to answer any questions.

Please come to Hall 2, Stand 2239 for further demonstrations of the Elevator Tester Kit and / or the Hydrajaws Bluetooth Digital system.