



HUMBERSIDE LIFTING SERVICES LTD

Registered Office
Ealand Industrial Estate
Wharf Road, Ealand
Scunthorpe DN17 4JW

Tel (01724) 711043
Fax (01724) 711402
E MAIL sales@lifting-safety.co.uk
WEB SITE www.lifting-safety.co.uk

Lincoln Office
Bishops Road Industrial Estate
2 Dean Road
Lincoln LN2 4DR

Tel (01522) 514640
Fax (01522) 520344
E MAIL lincolnsales@lifting-safety.co.uk
WEB SITE www.lifting-safety.co.uk



a member of  ROSPA
The Royal Society for the Prevention of Accidents

LIFTING AND SAFETY SERVICES

REPORT

Customer: Blakley Electrics Ltd

Date: 04/03/2004

F.A.O Jeremy Lay

Job Number: 9001950

Cust O/N: Cash Sale

Page: 1 of 2

Equipment: Handle Enclosure TA Units

Comments:

Destruction Test

Results:-

First handle tested using handle bolted to 1.8mm test plate to replicate near real use.

ITEM

COMMENT

Handle 1

Sample Started to Deformed @ 12kn
Sample Broke @ (N/A)
Test Plate Broke @ 31kn

Handle deformed on lifting bearing point and secondly on the bolting plate. The 1.8mm test plate broke before the handle.

Handles Two to Six was tested with 12mm plate to enable a full destruction test to be carried out.

Handle 2

Sample Started to Deformed @ 16.1kn
Sample Broke @ 31.9kn

Handle deformed on lifting bearing point and secondly on the bolting plates. Sample broke along welded joint.

Handle 3

Sample Started to Deformed @ 16.6kn
Sample Broke @ 31.1kn

Handle deformed on lifting bearing point and secondly on the bolting plates. Sample broke along welded joint.

Handle 4

Sample Started to Deformed @ 13.9kn
Sample Broke @ 27.1kn

Handle deformed on lifting bearing point and secondly on the bolting plates. Sample broke along welded joint.

Handle 5

Sample Started to Deformed @ 15.7kn
Sample Broke @ 32.3kn

Handle deformed on lifting bearing point and secondly on the bolting plates. Sample broke along welded joint.



HUMBERSIDE LIFTING SERVICES LTD

Registered Office
Ealand Industrial Estate
Wharf Road, Ealand
Scunthorpe DN17 4JW

Tel (01724) 711043
Fax (01724) 711402
E MAIL sales@lifting-safety.co.uk
WEB SITE www.lifting-safety.co.uk

Lincoln Office
Bishops Road Industrial Estate
2 Dean Road
Lincoln LN2 4DR

Tel (01522) 514640
Fax (01522) 520344
E MAIL lincolnsales@lifting-safety.co.uk
WEB SITE www.lifting-safety.co.uk



a member of  ROSPA
The Royal Society for the Prevention of Accidents

LIFTING AND SAFETY SERVICES

REPORT

Customer: Blakley Electrics Ltd

Date: 04/03/2004

F.A.O Jeremy Lay

Job Number: 9001950

Cust O/N: Cash Sale

Page: 2 of 2

Equipment: Handle Enclosure TA Units

Handle 6

Sample Started to Deformed @ 13.3kn
Sample Broke @ 28.7kn

Handle deformed on lifting bearing point
and secondly on the bolting plates.
Sample broke along welded joint.

Average Test Load at which Sample Deformed = 15.1kn

Average Test Load at which Sample Broke = 30.22kn

Recommended maximum safe working load per Handle with a 5/1 safety factor would be 3.0kn (300kg)

Testing Equipment Details

500KN Horizontal AJT Digital Tensile Test Machine (accuracy +/- 1&2%)
Certificate Number:T6317

Signed For and on behalf of
Humberside Lifting Services Ltd

PP. *K.A. Bassindale*

Print Name:

Mark Bassindale

Date:

04/03/2004



MORRIS

KUPLEX®



Tirfor LTD



BH/SALA

Grosby Yale