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TEST REPORT No. ESD 47352/00-02A

This report supersedes all previous documents bearing the reference ESD 47352/00-02.

Date: 8th August 2001

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Your Ref: 15304

DATE RECEIVED: 25<sup>th</sup> October 2000

**Loading of a steel Bed with Tubular folding legs to compare the strength of hollow & solid rivets**

#### INTRODUCTION

The Product Testing Department of Scientifics Group Services were asked to perform load testing on a steel bed to determine the failure loads of the two different rivets.

#### METHOD

The loads were applied by using dead weights, starting from the centre outwards to evenly spread the load.

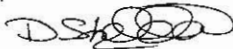
#### RESULTS

Rivet Identity	Failure Load kg
SOLID	751
HOLLOW	594

Tested By: J. Power, Technician

Test Date: 27<sup>th</sup> October 2000

Authorised By:



D. Skeldon, Testing Supervisor

Enquiries relating to the content of this report to be directed to the above.

$$751 \text{ Kgs} \times 2.205 = 1655.96$$

$$\div 14 = 118.28 \text{ stones}$$

$$594 \text{ Kgs} \times 2.205 = 1309.77$$

$$\div 14 = 93.56 \text{ stones}$$

Figures confirmed by Nick Freeman