

Delta Services (GB) Limited
 7 Caldbeck Road, Croft Business Park
 Bromborough
 Wirral
 CH62 3PL

Report No. 17090264
Element Ref. 17E09161
Report Date 19/09/2017
Order No Delta Services
Test Date 19/09/2017

Sample Description: 6 Tonne Base Jacks
Given Material Specification: Not Given

Element Materials Technology (Sheffield) were asked by Delta Services to perform the analysis reported below.

Method of Test

The samples were tested in a universal testing machine serial number T253 calibrated to national standards. The samples were held using fittings suitable for both the machine and the items under test. Loading was applied uniformly in compression until no further load could be applied or failure occurred.

| Test No | Described as | Maximum load KN | Maximum load tonnes | Remarks |
|---------|-------------------------------------|-----------------|---------------------|---|
| J0692 | 6 Tonne Base Jack(Highest position) | 185.0 | 18.9 | Deformation occurred at the central portion of the base jack. |
| J0693 | 6 Tonne Base Jack(Highest position) | 190.7 | 19.4 | Deformation occurred at the central portion of the base jack. |
| J0694 | 6 Tonne Base Jack(Central position) | 197.9 | 20.2 | Deformation occurred at the central portion of the base jack. |
| J0695 | 6 Tonne Base Jack(Central position) | 206.2 | 21.0 | Deformation occurred at the central portion of the base jack. |
| J0696 | 6 Tonne Base Jack(lowest position) | 231.0 | 23.6 | Deformation of the testing tool occurred. |

Conclusion

The samples achieved a 6T SWL factor of 3

Authorised Signatory:



Name: Lee Ibbitson **Position:** Mechanical Testing Supervisor

Any tests marked with a * are not on our UKAS schedule of accreditation.

Where appropriate, the results reported herein provide traceability of measurement to recognised national standards, and to units of measurement realised at the National Physical Laboratory or other recognised national standards laboratories. Any opinions or interpretations given herein fall outside the scope of our schedule of accredited testing. This report shall not be reproduced except in full without the written approval of the laboratory. Original reports issued by Element, either in electronic or physical form have legal value only when furnished with an authorised signature. Any subsequent digital or physical copies of this report have no legal value unless authorised by Element. The Terms & Conditions of Element, available upon request, are applicable on all services provided by Element. NB: Results given in this report relate only to the items received and tested.