



Element Materials Technology  
56 Nursery Street  
Sheffield  
South Yorkshire  
S3 8GP UK  
info.sheffield@element.com  
element.com

P: +44 (0)114 272 6581  
F: +44 (0)114 272 3248  
Bank HSBC  
Acct 44517393  
Sort Code 40-38-04  
V.A.T. No. 172 8037 62  
Company Reg. No. 76383

Cliff Scaffoldings (P) Limited  
India

Report No: 16010233  
Order No: Vbl  
Date of Issue: 12/01/2016  
Date of Test: 08/01/2016 to 12/01/2016  
Specification: EN 74-1 :2005  
Element Location: Sheffield

This report details the results of prototype tests carried out on friction type sleeve couplers used for connecting steel tubes of 48.3mm outside diameter and of at least 3.2mm nominal wall thickness at a minimum in the construction of working scaffolds and false work required for the construction, maintenance, repair and demolition of buildings and structures.

#### Description and Marks on couplings

A Pressed Steel Friction Type Sleeve Coupler

Marks :- EN74. (see reference to marking on page 2)

#### Basis of Tests.

The couplings have been tested in accordance with the requirements of EN 74-1: 2005.

#### Information given by customer

Manufactured by: Cliff Scaffoldings  
Shape: As per drawing shown at the end of this report  
Dimensions: As per drawing shown at the end of this report  
Material Characteristics: Q235  
Surface Protection: Zinc Plated  
Tightening Torque: 50 Nm

**Element Materials Technology Sheffield**  
**Authorised by: Lee Mangham - Operations Manager**

Signature: 

This certificate is issued in accordance with the laboratory accreditation requirements of the United Kingdom Accreditation Service. It provides traceability of measurement to recognised national standards, and to units of measurement realised at the National Physical Laboratory or other recognised national standards laboratories. If, upon reproduction, only part of this report is copied, Element will not bear any responsibility for content, purport and conclusions of that reproduction. This report has legal value only when printed on Element paper and furnished with an authorised signature. Digital versions of this report have no legal value. The Terms & Conditions of Element, available upon request, are applicable on all services provided by Element.  
Report no 16010233