

Purchasing guidelines for: EN 39:2001 Tube (4.0 mm)

Issued – November 2018

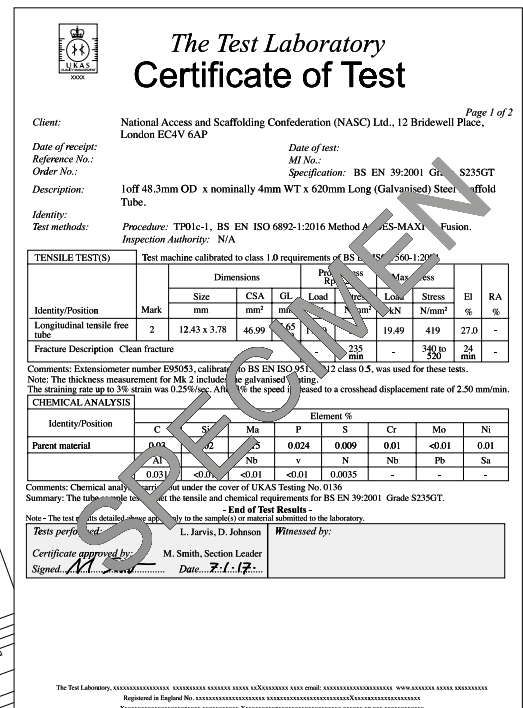
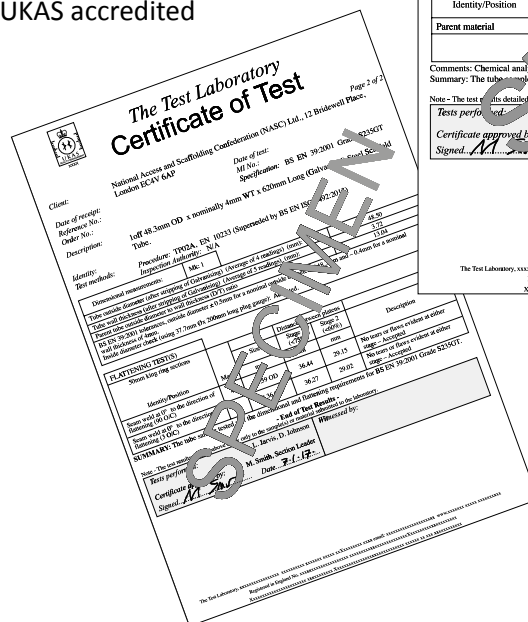
INTRODUCTION

The purpose of this guidance note is to detail best purchasing practice for EN 39:2001 4.0mm scaffold tube. If the tube is sourced from an NASC compliant company, as demonstrated by the NASC CoP assessment report, then no further action is required, other than a visual inspection of your supplier's certificate of product compliance with the NASC CoP product audit (a list of suppliers and products may be found on the NASC website). If the tube is not sourced from an NASC compliant company, then the guidelines below should be followed.

TEST DATA

Test data is the criteria to which the product is independently tested as seen on the test report example opposite, & should consist of:

- Annual testing should be on EN 39 tube for all suppliers/manufacturers, as follows:
- Chemical analysis.
- Mechanical analysis.
- Outside diameter & wall thickness dimension.
- Flattening test.
- Annual tests must be by a UKAS accredited facility or TUV/SGS.



MATERIAL CERTIFICATION

You need to check that a material test certificate from the manufacturer/supplier are available for all EN 39 tube.

Below is an example of a material test certificate, which will detail the following information:

- The British or European specification/standard, EN 39:2001.
- The specification/standard should be clearly identified on the test certificate.
- The test certificate will detail that it is to the requirements of: EN 10204:2004 section 3.1.

MILL TEST REPORT AS PER EN 10204/3.1

ISSUING DATE:
INVOICE NUMBER:

ISO CERTIFIED

TO: MANUFACTURER'S NAME & ADDRESS HERE

MATERIAL DESCRIPTION
TUBES INTENDED FOR USE IN FALSEWORK AND WORKING SCAFFOLDS AS PER EN 39: 2001

DIMENSIONS SIZE (MM)	HEAT NO.	BUNDLES	WEIGHT (MT)	FULL CHEMISTRY (%)						MECHANICAL PROPERTIES CHECKED			SURFACE APPEARANCE	SHAPE
				C	MN	Si	P	S	AL	YIELD STRENGTH Mpa	TENSILE STRENGTH Mpa	ELONGAT ION %		
48.3 * 4.0 * 8400	PD11276-1	110	187.995	0.088	0.431	0.036	0.017	0.015	0.034	240	439	34.5	GALVANIZED	ROUND
48.3 * 4.0 * 8400	PD11276-2	106	180.512	0.13	0.433	0.026	0.023	0.013	0.035	297	445	35.5	GALVANIZED	ROUND
48.3 * 4.0 * 8400	PD11276-3	107	182.547	0.108	0.532	0.037	0.021	0.01	0.024	296	472	30.5	GALVANIZED	ROUND
48.3 * 4.0 * 4877	PD11276-4	80	155.155	0.15	0.619	0.036	0.022	0.006	0.026	265	499	33	GALVANIZED	ROUND
		403	706.209											

TOTAL: 443 BUNDLES: /706.205MT

MARKING AND IDENTIFICATION

MARKING: IMPRESSED (DIE-STAMPED) ON EACH TUBE AT INTERVALS NOT EXCEEDING 1.5 METRES.

EN39 - MANUFACTURER'S NAME OR TRADE MARK - 4 - P 1283 (IN FULL COMPLIANCE WITH EN 39:2001, CLAUSE 12).

PLUS: BLUE COLOUR CODE ON THE ENDS OF EACH BUNDLE AS STATED ABOVE AND 2 METAL TAGS AT EACH BUNDLE SHOWING:

'SPECIMEN' - 1263 - 43.3 X 4MM X 'LENGTH IN MM' - EN 39

ANALYSIS RESULTS FOR FULL CHEMISTRY AND MECHANICAL PROPERTIES HAVE BEEN CHECKED AND FOUND IN THE LABORATORIES FOR EACH HEAT

WE CERTIFY THAT THE TUBES FULLY COMPLY WITH THE REQUIREMENTS OF THE GOVERNING STANDARD

MARKING REQUIREMENTS

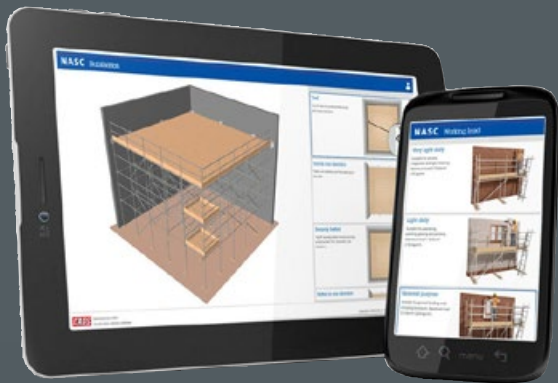
You need to check that each tube is marked on the surface with the following information:

- Reference to EN 39.
- Registered trade mark, or the manufacturer's name.
- The thickness type, (4.00mm).

Tube should be marked at intervals not exceeding 1.5 m, with the height of the characters at least 4.00 mm and the depth should be at least 0.2 mm.



Guidance that makes a difference



- Comprehensive industry guidance, recognised by the Health & Safety Executive (HSE)
- Targets all safety and commercial risks, ensuring your business remains safe and profitable
- Meticulously researched and written by experienced professionals, focused on improving the scaffolding industry
- Aimed at the busy general manager with user friendly, step-by-step advice
- Cutting edge technical guidance on best practice, including ePortal and compliance sheets, that could save you thousands of pounds
- Guidance used by the whole industry – but NASC members receive much of it free and the rest at a huge discount of up to 82%.

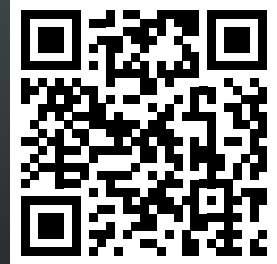
“Setting the Standard for Scaffolding”

NASC

National Access & Scaffolding Confederation
4th Floor, 12 Bridewell Place, London. EC4V 6AP

Tel: +44 (0)20 7822 7400

Email: enquiries@nasc.org.uk



Scan to visit the
NASC Shop

www.nasc.org.uk

Whilst every effort has been made to provide reliable and accurate information, we would welcome any corrections to information provided by the author which may not be entirely accurate, therefore and for this reason, the NASC or indeed the author cannot accept responsibility for any misinformation posted.

© 2024 NASC. All rights reserved. No part of this publication may be reproduced, stored in a retrieval system, or transmitted in any form or by any means, electronic, mechanical, photocopying, recording or otherwise, without the prior permission of the publisher and copyright owner.