

Loose steel tubes for tube and coupler scaffolds — Technical delivery conditions

The European Standard EN 39:2001 has the status of a British Standard

ICS 77.140.75; 91.220

National foreword

This British Standard is the official English language version of EN 39:2001. It supersedes BS 1139-1.1:1990 which is withdrawn. This standard includes tube with a wall thickness of 3,2 mm as well as the previous 4,0 mm. The other principle changes are contained in the European foreword of this standard.

The UK participation in its preparation was entrusted by Technical Committee B/514, Access and support equipment, and ISE/8, Steel pipes, to Subcommittee B/514/28, Props, tubes and couplers, which has the responsibility to:

- aid enquirers to understand the text;
- present to the responsible European committee any enquiries on the interpretation, or proposals for change, and keep the UK interests informed;
- monitor related international and European developments and promulgate them in the UK.

A list of organizations represented on this subcommittee can be obtained on request to its secretary.

Cross-references

The British Standards which implement international or European publications referred to in this document may be found in the BSI Standards Catalogue under the section entitled “International Standards Correspondence Index”, or by using the “Find” facility of the BSI Standards Electronic Catalogue.

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This British Standard, having been prepared under the direction of the Sector Committee for Building and Civil Engineering, was published under the authority of the Standards Committee and comes into effect on 15 August 2001

Summary of pages

This document comprises a front cover, an inside front cover, the EN title page, pages 2 to 16, an inside back cover and a back cover.

The BSI copyright date displayed in this document indicates when the document was last issued.

Amendments issued since publication

Amd. No.	Date	Comments

© BSI 07-2001

ISBN 0 580 37960 4

English version

Loose steel tubes for tube and coupler scaffolds — Technical delivery conditions

Tubes libres en acier pour échafaudages à tubes et
raccords — Conditions techniques de livraison

Systemunabhängige Stahlrohre für die Verwendung in
Trag- und Arbeitsgerüsten — Technische
Lieferbedingungen

This European Standard was approved by CEN on 18 January 2001.

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This European Standard exists in three official versions (English, French, German). A version in any other language made by translation under the responsibility of a CEN member into its own language and notified to the Management Centre has the same status as the official versions.

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Foreword

This European Standard has been prepared by Technical Committee ECISS/TC 29, Steel tubes and fittings for steel tubes, the Secretariat of which is held by UNI, in conjunction with CEN/TC 53, Temporary works equipment.

This European Standard replaces HD 1039:1990.

This European Standard shall be given the status of a national standard, either by publication of an identical text or by endorsement, at the latest by October 2001, and conflicting national standards shall be withdrawn at the latest by October 2001.

According to the CEN/CENELEC Internal Regulations, the national standards organizations of the following countries are bound to implement this European Standard: Austria, Belgium, Czech Republic, Denmark, Finland, France, Germany, Greece, Iceland, Ireland, Italy, Luxembourg, Netherlands, Norway, Portugal, Spain, Sweden, Switzerland and the United Kingdom.

This European Standard is derived with modifications from Harmonization Document HD 1039, *Steel tubes for falsework and working scaffolds — Requirements, tests*.

This European Standard cancels and replaces HD 1039:1990, *Steel tubes for falsework and working scaffolds — Requirements, tests*.

The significant technical changes are:

- tubes will now be supplied galvanized unless an option for them to be supplied without a coating (bare) or painted is specified;
- all tubes are now required to be suitable for galvanizing;
- requirements for the coating previously contained in annexes A and B are now covered (in accordance with CEN rules) by reference to European or International Standards and are not included in the text of this standard;
- tubes may only be manufactured using killed steel;
- the maximum tensile strength of the tubes has been increased to 520 MPa ¹⁾;
- a maximum manganese content has been introduced and the sulfur and phosphorus contents reduced;
- the mass tolerance for single tubes has been changed from –8 % to –7,5 %. The maximum single tube mass tolerance and the mass tolerance for batches of tubes have been deleted from the standard (outside diameter tolerances have not been changed);
- length types, standard or approximate or exact, and tolerances on those length types, are now specified;
- a flattening test requirement has been introduced for welded tubes;
- requirements for the type and content of inspection documents have been introduced for use when inspection documentation is specified;
- specific inspection is now permitted as an option with testing frequencies specified;

¹⁾ 1 MPa = 1 N/mm².

- the depth of marking of at least 0,2 mm is now a recommendation with an option to specify it as a requirement. The order of marking has changed slightly in order to preserve the separation of standard number and thickness type.

Annex A is informative.