

Irish Standard I.S. EN ISO 15630-2:2010

Steel for the reinforcement and prestressing of concrete - Test methods - Part 2: Welded fabric (ISO 15630-2:2010)

© NSAI 2010

No copying without NSAI permission except as permitted by copyright law.

Incorporating amendments/corrigenda/National Annexes issued since publication:			

The National Standards Authority of Ireland (NSAI) produces the following categories of formal documents:

I.S. xxx: Irish Standard – national specification based on the consensus of an expert panel and subject to public consultation.

S.R. xxx: Standard Recommendation - recommendation based on the consensus of an expert panel and subject to public consultation.

SWiFT xxx: A rapidly developed recommendatory document based on the consensus of the participants of an NSAI workshop.

This document replaces: EN ISO 15630-2:2002

This document is based on: EN ISO 15630-2:2010 EN ISO 15630-2:2002 *Published:* 15 October, 2010 9 August, 2002

This document was published under the authority of the NSAI and comes into effect on: 8 November, 2010 ICS number: 77.140.15

NSAI

1 Swift Square, Northwood, Santry Dublin 9 T +353 1 807 3800

F +353 1 807 3838 E standards@nsai.ie

W NSAl.ie

Sales:

T +353 1 857 6730 F +353 1 857 6729 W standards.ie

Údarás um Chaighdeáin Náisiúnta na hÉireann

EUROPEAN STANDARD

EN ISO 15630-2

NORME EUROPÉENNE

EUROPÄISCHE NORM

October 2010

ICS 77.140.15

Supersedes EN ISO 15630-2:2002

English Version

Steel for the reinforcement and prestressing of concrete - Test methods - Part 2: Welded fabric (ISO 15630-2:2010)

Aciers pour l'armature et la précontrainte du béton -Méthodes d'essai - Partie 2: Treillis soudés (ISO 15630Stähle für die Bewehrung und das Vorspannen von Beton -Prüfverfahren - Teil 2: Geschweißte Matten (ISO 15630-2:2010)

This European Standard was approved by CEN on 14 October 2010.

CEN members are bound to comply with the CEN/CENELEC Internal Regulations which stipulate the conditions for giving this European Standard the status of a national standard without any alteration. Up-to-date lists and bibliographical references concerning such national standards may be obtained on application to the CEN Management Centre or to any CEN member.

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 CEN Management Centre has the same status as the official versions.

CEN members are the national standards bodies of Austria, Belgium, Bulgaria, Croatia, Cyprus, Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Romania, Slovakia, Slovenia, Spain, Sweden, Switzerland and United Kingdom.



EUROPEAN COMMITTEE FOR STANDARDIZATION COMITÉ EUROPÉEN DE NORMALISATION EUROPÄISCHES KOMITEE FÜR NORMUNG

Management Centre: Avenue Marnix 17, B-1000 Brussels

EN ISO 15630-2:2010 (E)

Contents	Page
Foreword	3

Foreword

The text of ISO 15630-2:2010 has been prepared by Technical Committee ISO/TC 17 "Steel" of the International Organization for Standardization (ISO) and has been taken over as EN ISO 15630-2:2010 by Technical Committee ECISS/TC 104 "Concrete reinforcing and prestressing steels" the secretariat of which is held by DIN.

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 April 2011, and conflicting national standards shall be withdrawn at the latest by April 2011.

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. CEN [and/or CENELEC] shall not be held responsible for identifying any or all such patent rights.

This document supersedes EN ISO 15630-2:2002.

According to the CEN/CENELEC Internal Regulations, the national standards organizations of the following countries are bound to implement this European Standard: Austria, Belgium, Bulgaria, Croatia, Cyprus, Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Romania, Slovakia, Slovenia, Spain, Sweden, Switzerland and the United Kingdom.

Endorsement notice

The text of ISO 15630-2:2010 has been approved by CEN as a EN ISO 15630-2:2010 without any modification.

This is a free page sample. Access the full version online.

I.S. EN ISO 15630-2:2010

This page is intentionally left BLANK.

This is a free page sample. Access the full version online.

I.S. EN ISO 15630-2:2010 INTERNATIONAL STANDARD

ISO 15630-2

> Second edition 2010-10-15

Steel for the reinforcement and prestressing of concrete — Test methods —

Part 2: Welded fabric

Aciers pour l'armature et la précontrainte du béton — Méthodes d'essai —

Partie 2: Treillis soudés



ISO 15630-2:2010(E)

PDF disclaimer

This PDF file may contain embedded typefaces. In accordance with Adobe's licensing policy, this file may be printed or viewed but shall not be edited unless the typefaces which are embedded are licensed to and installed on the computer performing the editing. In downloading this file, parties accept therein the responsibility of not infringing Adobe's licensing policy. The ISO Central Secretariat accepts no liability in this area.

Adobe is a trademark of Adobe Systems Incorporated.

Details of the software products used to create this PDF file can be found in the General Info relative to the file; the PDF-creation parameters were optimized for printing. Every care has been taken to ensure that the file is suitable for use by ISO member bodies. In the unlikely event that a problem relating to it is found, please inform the Central Secretariat at the address given below.



COPYRIGHT PROTECTED DOCUMENT

© ISO 2010

All rights reserved. Unless otherwise specified, no part of this publication may be reproduced or utilized in any form or by any means, electronic or mechanical, including photocopying and microfilm, without permission in writing from either ISO at the address below or ISO's member body in the country of the requester.

ISO copyright office
Case postale 56 • CH-1211 Geneva 20
Tel. + 41 22 749 01 11
Fax + 41 22 749 09 47
E-mail copyright@iso.org
Web www.iso.org

Published in Switzerland

Contents

Page

Forewo	ord	.iv
Introdu	uction	v
1	Scope	1
2	Normative references	1
3	Symbols	1
4	General provisions concerning test pieces	2
5 5.1 5.2 5.3	Tensile test Test piece Test equipment Test procedure	3 3
6 6.1 6.2 6.3 6.4	Bend test on welded intersection Test piece Test equipment Test procedure Interpretation of test results	4 4 5
7 7.1 7.2 7.3		6 6
8 8.1 8.2 8.3 8.4 8.4.1 8.4.2 8.4.3 8.4.4 8.4.5 8.4.6	Axial force fatigue test	11 11 12 12 12 12 12 12 12
9 10 10.1 10.2 10.3	Chemical analysis Measurement of the geometrical characteristics of the fabric Test piece Test equipment Test procedure	13 13 13
11	Test report	13
Bibliog	ıraphy	14

ISO 15630-2:2010(E)

Foreword

ISO (the International Organization for Standardization) is a worldwide federation of national standards bodies (ISO member bodies). The work of preparing International Standards is normally carried out through ISO technical committees. Each member body interested in a subject for which a technical committee has been established has the right to be represented on that committee. International organizations, governmental and non-governmental, in liaison with ISO, also take part in the work. ISO collaborates closely with the International Electrotechnical Commission (IEC) on all matters of electrotechnical standardization.

International Standards are drafted in accordance with the rules given in the ISO/IEC Directives, Part 2.

The main task of technical committees is to prepare International Standards. Draft International Standards adopted by the technical committees are circulated to the member bodies for voting. Publication as an International Standard requires approval by at least 75 % of the member bodies casting a vote.

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. ISO shall not be held responsible for identifying any or all such patent rights.

ISO 15630-2 was prepared by Technical Committee ISO/TC 17, Steel, Subcommittee SC 16, Steels for the reinforcement and prestressing of concrete.

This second edition cancels and replaces the first edition (ISO 15630-2:2002), which has been technically revised.

ISO 15630 consists of the following parts, under the general title *Steel for the reinforcement and prestressing of concrete* — *Test methods*:

- Part 1: Reinforcing bars, wire rod and wire
- Part 2: Welded fabric
- Part 3: Prestressing steel

ISO 15630-2:2010(E)

Introduction

The aim of ISO 15630 is to provide all relevant test methods for reinforcing and prestressing steels in one standard. In that context, the existing International Standards for testing these products have been revised and updated. Some further test methods have been added.

Reference is made to International Standards on the testing of metals, in general, as they are applicable. Complementary provisions have been given if needed.

This is a free page sample. Access the full version online.

I.S. EN ISO 15630-2:2010



Product Page

- Dooking for additional Standards? Visit Intertek Inform Infostore
- Dearn about LexConnect, All Jurisdictions, Standards referenced in Australian legislation