

Irish Standard I.S. EN ISO 17777:2016

Welding consumables - Covered electrodes for manual metal arc welding of copper and copper alloys - Classification (ISO 17777:2016)

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I.S. EN ISO 17777:2016

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National Foreword

I.S. EN ISO 17777:2016 is the adopted Irish version of the European Document EN ISO 17777:2016, Welding consumables - Covered electrodes for manual metal arc welding of copper and copper alloys - Classification (ISO 17777:2016)

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EN ISO 17777

EUROPÄISCHE NORM

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English Version

Welding consumables - Covered electrodes for manual metal arc welding of copper and copper alloys -Classification (ISO 17777:2016)

Produits consommables pour le soudage - Électrodes enrobées pour le soudage manuel à l'arc du cuivre et des alliages de cuivre - Classification (ISO 17777:2016) Schweißzusätze - Umhüllte Stabelektroden zum Lichtbogenhandschweißen von Kupfer und Kupferlegierungen - Einteilung (ISO 17777:2016)

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EN ISO 17777:2016 (E)

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European foreword

This document (EN ISO 17777:2016) has been prepared by Technical Committee ISO/TC 44 "Welding and allied processes" in collaboration with Technical Committee CEN/TC 121 "Welding and allied processes" 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of an identical text or by endorsement, at the latest by December 2016, and conflicting national standards shall be withdrawn at the latest by December 2016.

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ISO 17777

First edition 2016-05-15

Welding consumables — Covered electrodes for manual metal arc welding of copper and copper alloys — Classification

Produits consommables pour le soudage — Électrodes enrobées pour le soudage manuel à l'arc du cuivre et des alliages de cuivre — Classification



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Foreword

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The committee responsible for this document is ISO/TC 44, *Welding and allied processes*, Subcommittee SC 3, *Welding consumables*.

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Welding consumables — Covered electrodes for manual metal arc welding of copper and copper alloys — Classification

1 Scope

This International Standard prescribes requirements for the classification of covered electrodes for manual metal arc welding of copper and copper alloys. It includes those chemical compositions in which the copper content exceeds that of any other element.

2 Normative references

The following documents, in whole or in part, are normatively referenced in this document and are indispensable for its application. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

ISO 544, Welding consumables — Technical delivery conditions for filler materials and fluxes — Type of product, dimensions, tolerances and markings

ISO 6847, Welding consumables — Deposition of a weld metal pad for chemical analysis

ISO 14344, Welding consumables — Procurement of filler materials and fluxes

ISO 80000-1:2009, Quantities and units — Part 1: General. Corrected by ISO 80000-1:2009/Cor 1:2011

3 Classification

A covered electrode shall be classified according to the chemical composition of the all-weld metal as given in <u>Table 1</u>. The symbol for the classification is divided into two parts:

- a) the first part gives a symbol indicating the product/process to be used;
- b) the second part gives a symbol indicating the chemical composition of the all-weld metal.



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