INTERNATIONAL STANDARD

ISO 24373

Second edition
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Welding consumables — Solid wires and rods for fusion welding of copper and copper alloys — Classification

Produits consommables pour le soudage — Fils pleins et baguettes pleines pour le soudage par fusion du cuivre et des alliages de cuivre — Classification

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Foreword

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This document was prepared by Technical Committee ISO/TC 44, *Welding and allied processes*, Subcommittee SC 3, *Welding consumables*.

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This second edition cancels and replaces the first edition (ISO 24373:2008), which has been technically revised. The main changes compared to the previous edition are as follows:

— a new alloy, CuSn6MnSi, has been added to Table 1;

— chemistries in Table 1 have been updated for a number of alloys;

— wording regarding Z options has been revised in footnote to Table 1;

— an example showing a Z option has been added;

— Clauses 7, 8 and 9 have been updated to reflect agreed text for all ISO/TC 44/SC 3 standards.

Introduction

For copper-welding consumables, there is no unique relationship between the product form (solid wire or rod) and the welding process used (e.g. gas-shielded metal arc welding, gas tungsten arc welding, plasma arc or other welding processes). For this reason, the solid wires or rods can be classified on the basis of any of the product forms and can be used, as appropriate, for more than one of the above welding processes.

This document was originally based on EN 14640:2005[1].