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Standard**

ISO 14344

**Welding consumables —
Procurement of filler materials
and fluxes**

*Produits consommables pour le soudage — Approvisionnement
en matériaux d'apport et flux*

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Contents

Page

Foreword	iv
Introduction	v
1 Scope	1
2 Normative references	1
3 Terms and definitions	1
4 Lot classification	3
4.1 General	3
4.2 Solid welding consumables	4
4.2.1 Lot class S1	4
4.2.2 Lot class S2	4
4.2.3 Lot class S3	4
4.2.4 Lot class S4	4
4.2.5 Lot Class S5	4
4.3 Tubular cored electrodes and rods	4
4.3.1 Lot Class T1	4
4.3.2 Lot Class T2	5
4.3.3 Lot Class T3	5
4.3.4 Lot Class T4	5
4.4 Covered electrodes	5
4.4.1 Lot Class C1	5
4.4.2 Lot Class C2	5
4.4.3 Lot Class C3	6
4.4.4 Lot Class C4	6
4.4.5 Lot Class C5	6
4.5 Fluxes for electroslog and submerged arc welding	6
4.5.1 Lot Class F1	6
4.5.2 Lot Class F2	6
5 Testing schedule	6
5.1 General	6
5.2 Schedule 1 or F	7
5.3 Schedule 2 or G	7
5.4 Schedule 3 or H	7
5.5 Schedule 4 or I	7
5.6 Schedule 5 or J	8
5.7 Schedule 6 or K	8
6 Certification	8
6.1 General	8
6.2 Certificates	9
6.2.1 Certificate of compliance	9
6.2.2 Certificate of conformance	9
6.2.3 Certified material test report (CMTR)	9
6.3 Inspection documents	9
Annex A (informative) Examples of how to apply the 24 h limitation	10
Bibliography	12

Foreword

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This document was prepared by Technical Committee ISO/TC 44, *Welding and allied processes*, Subcommittee SC 3, *Welding consumables*, in collaboration with the European Committee for Standardization (CEN) Technical Committee CEN/TC 121, *Welding and allied processes*, in accordance with the Agreement on technical cooperation between ISO and CEN (Vienna Agreement).

This third edition cancels and replaces the second edition (ISO 14344:2010), which has been technically revised.

The main changes are as follows:

- content from scope has been moved to the introduction;
- in [Clause 2](#), reference is made to ISO 544, ISO 10474 and EN 10204;
- in [Clause 3](#), terms and definitions have been revised and the list expanded;
- [Clause 5](#) has been significantly revised.

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Introduction

In production, the components of welding consumables are divided into discrete, predetermined quantities so that satisfactory tests with a sample from that quantity will establish that the entire quantity meets specification requirements. These quantities, known by such terms as heats, lots, blends, batches and mixes, vary in size according to the manufacturer. For identification purposes, each manufacturer assigns a unique designation to each quantity. This designation usually consists of a series of numbers or letters, or combinations thereof, which will enable the manufacturer to determine the date and time (or shift) of manufacture, the raw materials used, and the details of the procedures used in producing the welding consumable. This designation stays with the welding consumable and can be used to identify the material later, in those cases in which identification is necessary.

