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Third edition
2009-05-15

Hot dip galvanized coatings on fabricated iron and steel articles — Specifications and test methods

Revêtements par galvanisation à chaud sur produits finis en fonte et en acier — Spécifications et méthodes d'essai



Reference number
ISO 1461:2009(E)

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Published in Switzerland

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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.

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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 1461 was prepared by Technical Committee ISO/TC 107, *Metallic and other inorganic coatings*, Subcommittee SC 4, *Hot dip coatings (galvanized, etc.)*.

This third edition cancels and replaces the second edition (ISO 1461:1999), which has been technically revised. This revision reflects the experience gained in the use of ISO 1461 and includes a simplification of procedures and presentation.

Significant changes to the text include the following:

- further refining of the scope of application of the standard to exclude woven or welded mesh products that are continuously galvanized;
- adding a definition for weld seepage in Clause 3;
- adding references to the availability of secondary zinc supply;
- adding explanatory notes on coating finish;
- simplifying requirements for sampling and testing;
- adding references for the use of alternative renovation materials and for methods of adhesion testing;
- moving much informative information on the influence of the basis metal on the hot dip galvanized coatings produced and designed for galvanizing into the guidance document ISO 14713-2 [8].