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AMENDMENT 1
2018-04

Malleable cast iron fittings threaded to ISO 7-1

AMENDMENT 1: Chemical composition
of the zinc coating — adjustment to
actual requirements regarding hazardous
substances

Raccords en fonte malléable filetés conformément à l'ISO 7-1

*AMENDEMENT 1: Composition chimique du revêtement de zinc
— Ajustement aux exigences réelles concernant les substances
dangereuses*



Reference number
ISO 49:1994/Amd.1:2018(E)

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This document was prepared by Technical Committee ISO/TC 5, *Ferrous metal pipes and metallic fittings*, Subcommittee SC 5, *Threaded fittings, solder fittings, welding fittings, pipe threads, thread gauges*.

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AMENDMENT 1: Chemical composition of the zinc coating — adjustment to actual requirements regarding hazardous substances

Normative references

Replace the reference to ISO 228-1:1994 with the following:

ISO 228-1, *Pipe threads where pressure-tight joints are not made on the threads — Part 1: Dimensions, tolerances and design*

Replace the reference to ISO 2859-0:— (including the footnote) with the following:

ISO 2859-10, *Sampling procedures for inspection by attributes — Part 10: Introduction to the ISO 2859 series of standards for sampling for inspection by attributes*

Replace the reference to ISO 2859-1:1989 with the following:

ISO 2859-1, *Sampling procedures for inspection by attributes — Part 1: Sampling schemes indexed by acceptance quality limit (AQL) for lot-by-lot inspection*

Replace the reference to ISO 2859-3:1991 with the following:

ISO 2859-3, *Sampling procedures for inspection by attributes — Part 3: Skip-lot sampling procedures*

Replace the reference to ISO 5922:1981 with the following:

ISO 5922, *Malleable cast iron*

Replace the reference to ISO 6708:— (including the footnote) with the following:

ISO 6708, *Pipework components — Definition and selection of DN (nominal size)*

Delete all footnotes.

5.2.1

Replace the text with the following:

The percentage by mass of the trace elements in the finished zinc coating shall not exceed the following maximum values:

aluminium	(Al)	0,10 %
antimony	(Sb)	0,01 %
arsenic	(As)	0,02 %
bismuth	(Bi)	0,01 %
cadmium	(Cd)	0,01 %

copper	(Cu)	0,10 %
lead	(Pb)	0,10 %
tin	(Sn)	0,10 %

Annex A

Replace Annex A with the following Bibliography:

Bibliography

- [1] ISO 7-2, *Pipe threads where pressure-tight joints are made on the threads — Part 2: Verification by means of limit gauges*
- [2] ISO 228-2, *Pipe threads where pressure-tight joints are not made on the threads — Part 2: Verification by means of limit gauges*
- [3] ISO 1460, *Metallic coatings — Hot dip galvanized coatings on ferrous materials — Gravimetric determination of the mass per unit area*
- [4] ISO 2178, *Non-magnetic coatings on magnetic substrates — Measurement of coating thickness — Magnetic method*
- [5] ISO 9001, *Quality management systems — Requirements*