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**ISO 4991**

## **Steel castings for pressure purposes**

*Pièces moulées en acier pour service sous pression*

**Fourth edition  
2024-11**



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This document was prepared by Technical Committee ISO/TC 17, *Steel*, Subcommittee SC 11, *Steel castings*.

This fourth edition cancels and replaces the third edition (ISO 4991:2015), which has been technically revised.

The main changes are as follows:

- grade names and numbers have been corrected;
- a cast steel grade for higher temperature applications (550 °C to 700 °C) has been added;
- two austenitic-ferritic stainless steel (duplex) grades have been added for pressure parts up to 250 °C;
- the application temperature range of some special steels has been extended;
- qualification requirements for welders have been added.

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