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Third edition  
2017-05

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## **Non-alloy steel wire rod for conversion to wire —**

### **Part 4: Specific requirements for wire rod for special applications**

*Fil-machine en acier non allié destiné à la fabrication de fils —*

*Partie 4: Exigences spécifiques au fil-machine pour applications  
spéciales*



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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.

The procedures used to develop this document and those intended for its further maintenance are described in the ISO/IEC Directives, Part 1. In particular the different approval criteria needed for the different types of ISO documents should be noted. This document was drafted in accordance with the editorial rules of the ISO/IEC Directives, Part 2 (see [www.iso.org/directives](http://www.iso.org/directives)).

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For an explanation on the voluntary nature of standards, the meaning of ISO specific terms and expressions related to conformity assessment, as well as information about ISO's adherence to the World Trade Organization (WTO) principles in the Technical Barriers to Trade (TBT) see the following URL: [www.iso.org/iso/foreword.html](http://www.iso.org/iso/foreword.html).

This document was prepared by Technical Committee ISO/TC 17, *Steel*, Subcommittee SC 17, *Steel wire rod and wire products*.

This third edition cancels and replaces the second edition (ISO 16120-4:2011), which has been technically revised.

The main changes compared to the previous edition are:

- Terms and definitions clause added;
- revisions to the permissible variation for ultimate tensile strength of the wire rod ([Table 6](#) and [Table 7](#));
- cementite network requirement added ([5.11.2](#)).

This document is intended to be used in conjunction with ISO 16120-1.

A list of all parts in the ISO 16120 series can be found on the ISO website.