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## **Welding and allied processes — Vocabulary —**

### **Part 2: Soldering and brazing processes and related terms**

*Soudage et techniques connexes — Vocabulaire —*

*Partie 2: Termes relatifs aux procédés de brasage tendre et de brasage fort*



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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.

International Standards are drafted in accordance with the rules given in the ISO/IEC Directives, Part 2.

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 857-2 was prepared by Technical Committee ISO/TC 44, *Welding and allied processes*, Subcommittee SC 7, *Representation and terms*.

Together with ISO 857-1, this part of ISO 857 cancels and replaces ISO 857:1990, which has been technically revised.

ISO 857 consists of the following parts, under the general title *Welding and allied processes — Vocabulary*:

- *Part 1: Metal welding processes*
- *Part 2: Soldering and brazing processes and related terms*

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## Introduction

ISO 857:1990 has been revised in two new parts, ISO 857-1, *Welding and allied processes — Vocabulary — Part 1: Metal welding processes*, and ISO 857-2, *Welding and allied processes — Vocabulary — Part 2: Soldering and brazing processes and related terms*.

ISO 857-1 is restricted to welding processes for metallic materials and the welding processes are structured in a more systematic way than in ISO 857:1990. The processes have been classified according to their physical characteristics, e.g. pressure or fusion welding, and the type of energy source. A number of new processes have been added and a number of obsolete processes have been removed.

ISO 857-2 is restricted to soldering and brazing processes and is organized in the same manner as ISO 857-1. New definitions have been added in order to provide a better understanding of such processes.

The numbers in parentheses following the name of the process refer to the numbering used in ISO 4063. Most of the definitions are accompanied by schematic figures given as examples.

Requests for official interpretations of any aspect of this part of ISO 857 should be directed to the Secretariat of ISO/TC 44/SC 7 via your national standards body. A complete listing of these bodies can be found at [www.iso.org](http://www.iso.org).