

ПІДТВЕРДЖУВАЛЬНЕ ПОВІДОМЛЕННЯ

**Державне підприємство
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(ДП «УкрНДНЦ»)**

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ISO 14617-13:2004

**Graphical symbols for diagrams —
Part 13: Devices for material processing**

прийнято як національний стандарт
методом підтвердження за позначенням

**ДСТУ ISO 14617-13:2018
(ISO 14617-13:2004, IDT)**

**Графічні умовні позначки для схем.
Частина 13. Пристрої для оброблення матеріалів**

З наданням чинності від 2019–01–01

**Graphical symbols for diagrams —
Part 13:
Devices for material processing**

Symboles graphiques pour schémas —

Partie 13: Dispositifs de transformation des matériaux



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Foreword

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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 14617-13 was prepared by Technical Committee ISO/TC 10, *Technical product documentation*, Subcommittee SC 10, *Process plant documentation and tpd-symbols*.

ISO 14617 consists of the following parts, under the general title *Graphical symbols for diagrams*:

- *Part 1: General information and indexes*
- *Part 2: Symbols having general application*
- *Part 3: Connections and related devices*
- *Part 4: Actuators and related devices*
- *Part 5: Measurement and control devices*
- *Part 6: Measurement and control functions*
- *Part 7: Basic mechanical components*
- *Part 8: Valves and dampers*
- *Part 9: Pumps, compressors and fans*
- *Part 10: Fluid power converters*
- *Part 11: Devices for heat transfer and heat engines*
- *Part 12: Devices for separating, purification and mixing*
- *Part 13: Devices for material processing*
- *Part 14: Devices for transport and handling of material*
- *Part 15: Installation diagrams and network maps*

Introduction

The purpose of ISO 14617 in its final form is the creation of a library of harmonized graphical symbols for diagrams used in technical applications. This work has been, and will be, performed in close co-operation between ISO and IEC. The ultimate result is intended to be published as a standard common to ISO and IEC, which their technical committees responsible for specific application fields can use in preparing International Standards and manuals.