
**Ships and marine technology —
Pipework and machinery —
Information transfer**

*Navires et technologie maritime — Tuyauteries et machines —
Transmission d'informations*

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Foreword

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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. www.iso.org/directives

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The committee responsible for this document is ISO/TC 8, *Ships and marine technology*, Subcommittee SC 3, *Piping and machinery*.

This second edition cancels and replaces the first edition (ISO 8277:1988), which has been technically revised.

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Introduction

The revision to this International Standard takes into account the recent globalization of the shipbuilding industry and manufacturers of installed equipment, and the transformation of specifications, which introduce the following points into piping machinery at shipyards:

- A growing number of installed equipment and piping equipment manufacturers, and their models;
- A diversification of standards specifying piping installations and piping fittings used by shipyards and/or ship equipment manufacturers.

With this background there is a lack of information necessary to carry out pipe fittings and machinery in shipyards, and an absence of consistency in the descriptions of these points.

This International Standard is revised taking into consideration the current situation of piping machinery in shipyards. In order to enable manufacturers of equipment and/or piping equipment to comply with this International Standard which specifies procedures of drawings and manufacturing, the revision covers the following points:

- The implementation of this International Standard for operation when applying other international standards and/or each national standard;
- The description of as many references as possible in a requirements and comments table as applicable requirements to the latest circumstances of pipe fitting in shipyards.

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