

☐

I'm not robot

  
reCAPTCHA

**I am not robot!**

## Technical documentation standards iso

Benefits expected from the work of the ISO/TC 10, (TPD) Implementation of TPD standards: reduces costs; assures quality; shorter elapsed time from design concept to market product; provides a platform for communication; reduces the risk of misinterpretation. Information Technology (IT) usage within technical product documentation has highlighted several topics, of which the following have been identified as being of particular importance: classification; meta data; document management data; document technical contents data; product modelling. Available standards for TPD include: Drawing rules - the presentation of technical drawings and dimensioning; Documentation rules - the classification of products, systems, documents etc.; Management of technical product information - e.g. storage, retrieval and exchange; Product modelling; Classification of documents, systems etc.; Terminology - a unified language of documentation; Symbology; Media and drawing equipment for drawings - draughting film, tracing paper, pens etc. Environmental aspects: ISO/TC10 standards deal with procedures, techniques and formats for technical product documentation. As such they do not have direct impact on the environment. Indirectly, this set of standards affects the environment in the following manner: - By following ISO/TC10 standards, companies may manufacture their products more efficiently, with less scrap and rework. This in turn reduces added materials costs as well as energy required for production of additional material required to account for the scrap and rework. - By following ISO/TC10 standards, especially those dealing with electronic file formats, companies may produce their products with less paper documentation. This reduces the need for the production, use and disposal of unnecessary paper. - By following ISO/TC10 standards, especially those dealing with electronic file formats, companies may generate and distribute documentation more quickly. This reduces human energy expended and ancillary costs associated with shipping and handling of documentation among suppliers, customers and producers needing the documentation. The primary standard for technical writers is IEC/IEEE 82079-1 dating from 1919. This supersedes the DIN EN 62079:2001 standard, which used to be the basis for all types of technical documentation. IEC/IEEE 82079-1 provides standards for creating instructions for all types of product. It also defines the qualifications that technical writers need to have. 2. VDI guideline 2770 - simplified exchange of documents This guideline standardizes the quality of the information that manufacturers provide. This is especially important in machinery and plant construction since, in this industry, components, devices, and machines from different manufacturers are assembled to create complex systems. This integration also concerns the product documentation. VDI guideline 2770 creates a framework for this, at the same time streamlining the incorporation of manufacturers' documentation into plant operators' IT systems. 3. ISO 20607 - additional requirements for machinery manufacturing In addition to the general standards, there are other standards that are aimed at specific sectors. One of the best-known set of rules for this purpose is ISO 20607, which focuses on the instructions for machinery manufacturing. The risk associated with machinery is much greater than the risk associated with software products, for example. For this reason, ISO 20607 imposes additional, and sometimes more stringent, requirements compared to ISO/IEEE 82079-1.4. 4. ISO 2651x - software documentation for target groups There is a whole group of standards that covers software documentation, specifically ISO standards ISO 26511 to ISO 26515. The individual sets of rules are aimed at different target groups, so they include standards for authoring managers, authoring service buyers, and so on. [guponotexa](#) The last two standards in the series are aimed at those who create the actual instructions (ISO 26514) and at technical authors who work in agile teams (ISO 26515). Skip to main content Standard and/or project Stage TC 30.98 ISO/TC 10/SC 6 90.60 ISO/TC 10/SC 1 90.93 ISO/TC 10/SC 1 40.20 ISO/TC 10/SC 1 40.20 ISO/TC 10/SC 1 90.60 ISO/TC 10/SC 1 90.93 ISO/TC 10 95.99 ISO/TC 10/SC 8 95.99 ISO/TC 10 60.60 ISO/TC 10 95.99 ISO/TC 10/SC 1 90.93 ISO/TC 10/SC 1 95.99 ISO/TC 10/SC 1 95.99 ISO/TC 10/SC 1 95.99 ISO/TC 10/SC 1 90.93 ISO/TC 10/SC 1 95.99 ISO/TC 10/SC 8 90.93 ISO/TC 10/SC 8 95.99 ISO/TC 10/SC 8 90.93 ISO/TC 10/SC 8 95.99 ISO/TC 10/SC 1 90.93 ISO/TC 10/SC 10 95.99 ISO/TC 10/SC 1 90.93 ISO/TC 10/SC 10 95.99 ISO/TC 10/SC 10 95.99 ISO/TC 10/SC 10 95.99 ISO/TC 10/SC 8 60.60 ISO/TC 10/SC 6 50.20 ISO/TC 37 90.93 ISO/TC 10/SC 1 60.60 ISO/TC 10 90.92 ISO/TC 10 30.99 ISO/TC 10 95.99 ISO/TC 10/SC 10 60.60 ISO/TC 10/SC 10 95.99 ISO/TC 10/SC 10 90.60 ISO/TC 10/SC 10 30.60 ISO/TC 10/SC 10 40.99 ISO/TC 10 95.99 ISO/TC 10/SC 10 90.93 ISO/TC 10/SC 10 95.99 ISO/TC 10/SC 10 90.93 ISO/TC 10/SC 10 90.93 ISO/TC 10/SC 10 90.93 ISO/TC 10 60.60 ISO/TC 10 95.99 ISO/TC 10/SC 8 95.99 ISO/TC 10 90.92 ISO/TC 10/SC 1 30.20 ISO/TC 10/SC 1 40.60 ISO/TC 207/SC 1 No matching records found. Please try changing the filter settings. Standardization and coordination of technical product documentation (TPD), including technical drawings, model based (3D), computer based (2D) or manually produced for technical purposes throughout the product life cycle, to facilitate preparation, management, storage, retrieval, reproduction, exchange and use. Visit the Technical Committee's own website for more information. Drafts and new work items TC Business plans for public review Working documents (user account required) IT Tools that help support the standards development process Browse documents made available by this group 145 Published ISO standards \* of which 40 under the direct responsibility of ISO/TC 10 20 ISO standards under development \* of which 6 under the direct responsibility of ISO/TC 10 \* number includes updates Reference Title Type ISO/TC 10/SC 1 Basic conventions Subcommittee ISO/TC 10/SC 6 Mechanical engineering documentation Subcommittee ISO/TC 10/SC 8 Construction documentation Subcommittee ISO/TC 10/SC 10 Process plant documentation Subcommittee ISO/TC 10/CAG Chair's Advisory Group Working group ISO/TC 10/ISG 1 Joint Advisory Group between ISO/TC 10 and ISOTC 213 for harmonization issues Working group ISO/TC 10/JWG 21 Joint ISO/TC 10 - IEC/TC 3 WG: Work on the ISO 81355 series standards Working group ISO/TC 10/TF 1 Task Force for the development of the ISO/TC 10 roadmap Working group ISO/TC 10/WG 16 3D models: Presentation of product definition data Working group ISO/TC 10/WG 17 Vocabulary of terms and definitions Working group ISO/TC 10/WG 18 Drawing and writing instruments Working group ISO/TC 10/WG 19 Harmonization ISO 129 and ISO 128 series Working group ISO/TC 10/WG 20 Design and documentation for manufacture, assembly, disassembly and end-of-life processing Working group The committees below can access the documents of ISO/TC 10: Reference Title ISO/IEC IEC/TC 3 Documentation, graphical symbols and representations of technical information IEC ISO/TC 37 Language and terminology ISO ISO/TC 44/SC 7 Representation and terms ISO ISO/TC 59/SC 2 Terminology and harmonization of languages ISO ISO/TC 184/SC 4 Industrial data ISO ISO/TC 213 Dimensional and geometrical product specifications and verification ISO ISO/TC 10 can access the documents of the committees below: Swedish Institute for Standards P.O. Box 45443SE-SE-104 31 StockholmSweden Tel: +46 8 55 55 20 00 / +46 8 555 520 00Fax: +46 8 55 55 20 01 / +46 8 555 520 01