

Full Form- ISO(International Organization for Standardization)

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Introduction:

The international organization for standardization (ISO) stands for an international non-governmental organization which comprises national standard bodies. It deals with a wide range of industrial and commercial standards.

History:

Modern standardization appeared in the 19th century along with industrialization. At the end of the 19th century, the need for standards became international. In the mid 1960's, ISO grew rapidly. The development of international standards of freight containers in the 1960 is an important example of ISO standards that contributed to the development of the global market. At the same time, at the international level, an international system of units that facilitated technical dialogue was adopted. These changes in international context led to changes in the way in which standards were developed. At ISO, this change is reflected in the change of vocabulary. ISO is not an abbreviation; it is derived from the Greek isos which means 'equal'.

Role:

Its role is to bring together experts from various fields to share knowledge and develop consensus based international standards which support innovation and provide alternatives to solve global challenges.

Types:

The top three most famous generic standards are:

ISO 9001:2015

ISO 14001:2014

ISO 27001:2013

Standardization Process:

This process is the last step that starts with a proposal of new work within a committee. Some commonly used abbreviations are:

AWI- Approved New Work Item

CD- Committee Draft

FCD- Final Committee Draft

PRF- Proof of a New International Standard

NP- New Proposal

TS- Technical Specification

TTA- Technology Trends Assessment

TR- Technical Report

PAS- Publicly Available Specification

Need For ISO:

ISO is required to identify and describe processes by using business metrics. The main purpose is to provide better management and control business processes. These goals are present at the core of the system.



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