

# ISO- International Organization for Standardization



## International Organization for Standardization

The ISO is an **international body** responsible for **creating, setting, and promoting standards**. It has published more than **24,000 standards** which apply to a wide variety of industries, including **manufacturing, healthcare, and accounting**. ISO standards are a collection of best practices that promote **product compatibility, share solutions and know-how, and identify safety issues**. The standards present an approach that **international experts** have agreed upon.

**Businesses use ISO certification to provide proof of compliance to potential customers and win their trust. To do that, however, you need to purchase and achieve the certification.**

### List of ISO standards for manufacturing industry

#### ISO 9001 Standard

ISO 9001 is the international standard that helps in the **implementation of a Quality Management System in an organization**. It helps in the **assessment of quality risks and structuring appropriate quality controls** within the organization. The quality of manufactured goods can be assured by ISO 9001 certification. Moreover, **the ISO 9001 certificate of vendors is proof that the raw materials sourced for the production of any good are of premium quality**.

#### ISO 14001 Standard

Internationally recognized **ISO 14001** standard aims at growing concerns regarding the **changing climate and deteriorating environment** that require us to rethink the way we work. It is **important for organizations to check their activities** in order to **limit their adverse impact on the environment**.

## **ISO 45001 Standard**

**ISO 45001** is the global standard that provides a framework for implementing the **occupational health and safety management system** (OHSMS) in your organization. Most manufacturing industries involve risky occupational environments. With ISO 45001, the organizations can implement OHSMS that takes care of the **safety and wellbeing of the employees**.

## **ISO 22301 Standard**

**ISO 22301** standards helps in the accomplishment of a **business continuity management system** in an organization, which guards your company against any **unforeseen circumstances**, such as **natural calamities, pandemics, cyber-attacks, etc.** It reduces the downtime so that there is **little effect on the business operations**.

## **ISO 50001 Standard**

**ISO 50001** Certification is the international standard for **energy management systems**. This standard helps in the **effective management** of your **energy resources** so that your business has a **reduced carbon footprint**. It is particularly important for the **manufacturing industries** because of their **rampant usage** of energy resources.

## **ISO/IEC 27000 Standard**

IT security, cyber security and privacy protection are vital for companies and organizations today. The ISO/IEC 27000 family of standards keeps them safe.

## **Understanding ISO 9000**

**ISO 9000** standards were developed to **help manufacturers effectively document the quality system elements that need to be implemented to maintain an efficient quality system**. They are increasingly being applied to any organization or industry.

**ISO 9001** is now being used as a **basis for quality management**—in the service sector, education, and government to help organizations satisfy their customers, meet regulatory requirements, and achieve continual improvement.

The ISO 9000 series, or family of standards, was originally published in **1987** by the International Organization for Standardization (ISO). They first gained popularity in Europe, and then spread to the U.S. in the **1990s**. As the world's view of **quality assurance has evolved, the standards have been revised**.

**Current versions of ISO 9000 and ISO 9001 were published in September 2015.**

**Differences between ISO 9000 and ISO 9001 standards. ---H.W.**

## **What is the ISO Certification for Textile Industry?**

Textile and apparel industries have many confounded activities and challenges involved in the course of its operation. Their operation incursion heavy expenditure to the manufacturers. Many textile and apparel industries have implemented ISO standards to lower its operating costs and improve the quality of its output, ultimately enhancing the level of customer satisfaction. Textile and apparel industries account for a sizable per cent of manufacturing jobs from a global perspective. They operated millions of people immediately and indirectly.

### **ISO 9001 Certification for Textile Industry**

ISO 9001 is a vital quality management standard for the textile industry it provides a distinct signal to students that make ISO-quality management for the industries who indulge in textile market . It means that you run a completely integrated quality management system, and your management team can utilise the ISO 9001 standard's eight quality management principles to drive optimal administration across your industry.

### **ISO 14001 Certification for Textile Industry**

ISO 14001 describes a company's commitment to the environment. Environmental influence is a key matter for many textile companies, and the ISO 14001 Certification supports the environmental best method. It means that companies actively seem for ways to reduce waste through efficient working processes, creating packaging with minimal material usage, and utilising recycled and recyclable elements where possible.

## **Benefits of ISO Certification for Textile Industry**

There are many benefits for **ISO 9001** and **14001** for the textile industry

- i. Constant Improvement
- ii. Consumer Focus
- iii. Mutual Profitable Supplier Relationships
- iv. Engagement of People
- v. Leadership
- vi. System Procedure to Management