

Standardization body

BSTI
Functions

ISO
Benefits & Standard
Popular Standard

AATCC
Test Method & Activits

BSI

DIN

STANDARDS

Standard:

A standard is a document that provides requirements, specifications, guidelines or characteristics that can be used consistently to ensure that materials, products, processes and services are fit for their purpose.

There are several renowned standardization bodies like

- A. BSTI
- B. ISO
- C. AATCC
- D. BSI
- E. DIN

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BSTI

Bangladesh Standards and Testing Institution (BSTI), the only National Standards body of Bangladesh, is playing an important role in developing and Promoting industrial Standardization. The BSTI is a body corporate and its administrative Ministry is the Ministry of Industries. The Institution so formed has become member of the International Organization for standardization (ISO) in 1974.

Only the standards approved, and passed by the Institution are called Bangladesh Standards. As a rule, the Bangladesh Standards are voluntary.

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The main functions of BSTI

■BSTI is entrusted with the responsibility of formulation of national Standards of industrial, food and chemical products keeping in view the regional and international standards.

■BSTI is responsible for the quality control of the products which are ensured as per specific national standards made by the technical committees formed by BSTI.

■BSTI is also responsible for the implementation of metric system and to oversee the accuracy of weights and measures in the country.

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ISO

ISO is an independent, non-governmental international organization with a membership of 162 national standards bodies. Its Central Secretariat is based in Geneva, Switzerland. Today It have members from 162 countries and 3368 technical bodies to take care of standard development. More than 150 people work full time for ISO's Central Secretariat in Geneva, Switzerland.

ISO has published more than 20500 International Standards and related documents, covering almost every industry, from technology, to food safety, to agriculture and healthcare. ISO International Standards impact everyone, everywhere.

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ISO

What are the benefits of ISO International Standards?

ISO International Standards ensure that products and services are safe, reliable and of good quality. For business, they are strategic tools that reduce costs by minimizing waste and errors and increasing productivity. They help companies to access new markets, level the playing field for developing countries and facilitate free and fair global trade.

How does ISO develop standards?

ISO standards are developed by the people that need them, through a consensus process. Experts from all over the world develop the standards that are required by their sector. This means they reflect a wealth of international experience and knowledge.

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Popular standards

ISO 9000 - Quality management

ISO 14000 - Environmental management

ISO 22000 - Food safety management

ISO 26000 - Social responsibility

ISO 20121 - Sustainable events

ISO 27001 - Information security

ISO 45001 - Occupational Health and Safety

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AATCC

Founded as the American Association of Textile Chemists and Colorists (AATCC), the Association continues to evolve to meet the needs of those in the ever-changing textile and materials industries. AATCC has served textile professionals since 1921. Today, the Association provides test method development, quality control materials, education, and professional networking for a global audience.

□ Members

Members are Employees of textile, apparel, and home goods manufacturers;

- Dye and chemical manufacturers;
- Testing laboratories;
- Consumer and retail organizations;
- State and federal government agencies; and
- Colleges and universities.

AATCC has thousands of individual and corporate members in more than 60 countries world wide.

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Test Methods

AATCC is internationally recognized for its standard methods of testing fibers and fabrics to measure and evaluate such performance characteristics as colorfastness, appearance, soil release, dimensional change, and water resistance. New and updated test methods are published annually in the *AATCC Technical Manual*.

Activities

Today, the scope of AATCC reaches far beyond chemists and colorists. Workshops, conferences and publications address topics ranging from design technology to composite materials science.

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BSI British Standards is the UK's national standards organization that produces standards and information products that promote and share best practice.

The BSI was founded in 1901 and subsequently received a Royal Charter which meant that it became the recognised national body responsible for the development and agreement of standards. This was done in response to the demand from buyers that products would meet defined specifications and performance measures.

It serves the interests of a wide range of industry sectors as well as governments, consumers, employees and society overall, to make sure that British, European and international standards are useful, relevant and authoritative.

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DIN is a private organization that is registered as a non-profit association. The DIN Presidial Board is responsible for standardization policy and makes business and financial policy decisions for DIN and its subsidiary and associated companies either directly or through its commissions.

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ASTM

American Society for Testing and Materials