BIS : Purpose

- **Before independence period**
  i. Scattered standardization activity.
  ii. Confined to a few Government purchasing organization.

- **After independence**
  i. Economic development through resources , thus needed the standardization for industries for competitive efficiency and quality production.

The Indian Standards Institution (ISI) was, therefore, set up in 1947 as a registered society, under a Government of India resolution.

- The Indian Standards Institution (ISI) gave the nation the standards it needed for nationalization i.e industrial and commercial growth, quality production and competitive efficiency.

- Due to changing socio-economic scenario the government needed to strengthen the National Standards Body. Thus came the Bureau of Indian Standards Act 1986.

BIS : Vision

A leader in Standardization, Certification and Quality.

In order to attain this, the Bureau would strive

- To provide efficient timely service.

- To satisfy the customers' needs for quality of goods and services.

- To work and act in such a way that each task, performed as individuals or as corporate entity, leads to excellence and enhances the credibility and image of the Organization.

BIS : Mission

- Harmonious development of standardization, marking and quality certification

- To provide new thrust to standardization and quality control

- To evolve a national strategy for recognition to standards and integrating them with growth and development of production and exports

BIS is involved in various activities as given below:-
- Standards formulation
- Certification : product, hallmarking and systems
- Registration scheme
- International Activities
- I-Care Activities (for consumer and industry)
- Training and Information services
- Financial Resources

And more..

As a policy, the standards formulation activity of BIS has been laid down by the International Organization for Standardization (ISO).

BIS, being a signatory to the 'Code of Good Practice for the preparation, adoption and application of standards' has aligned its standards formulation procedure :-
- For better control on standards formulation process and for the management of technical committee work, a Standards Management Board is proposed to be constituted to oversee the activity.
- A Roadmap has been prepared for Harmonization of Indian Standards with Agmark.

Product Certification

The BIS operates a product certification scheme by which it grants licenses to manufacturers covering practically every industrial discipline from Agriculture to Textiles to Electronics.

The Product Certification Scheme of BIS aims at providing :
- Third Party Guarantee of quality, safety and reliability of products to the customer.

- Presence of ISI certification mark, known as Standard Mark, on a product is an assurance of conformity.

- The manufacturer is permitted to self certify the licensed products after ascertaining its conformity to the Standard.

The Government of India, on considerations of public health and safety, security, infrastructure requirements and mass consumption has enforced mandatory certification.

Special certification schemes of sample inspection carried out by BIS Inspecting officers. A majority of gas cylinders, regulators and valves are certified through such schemes.

Product Certification Schemes

Product Certification schemes are typically written to include both the performance test methods that the product must be tested to, as well as the criteria which the product must meet to become Certified.

- Domestic Manufacturers Certification Scheme
  i. Normal Procedure
  ii. Simplified Procedure

- Foreign Manufacturers Certification Scheme

- ECO Mark Scheme

- Tatkal Scheme

Systems Certification

- BIS is committed to offer Management System Certification Services to all organizations.

- The services are geared to all sectors of industry and the Government to maintain and improve the quality of products and services; protect environment, occupational health and safety of employees and ensure food safety.

- It is the responsibility of all those concerned in the operation of Management Systems Certification Services, that each activity in the operation leads to excellence thereby enhancing the credibility and image of Bureau of Indian Standards.

BIS started the scheme with Quality Management System Certification **(IS/ISO 9001)**

Quality Management System Certification
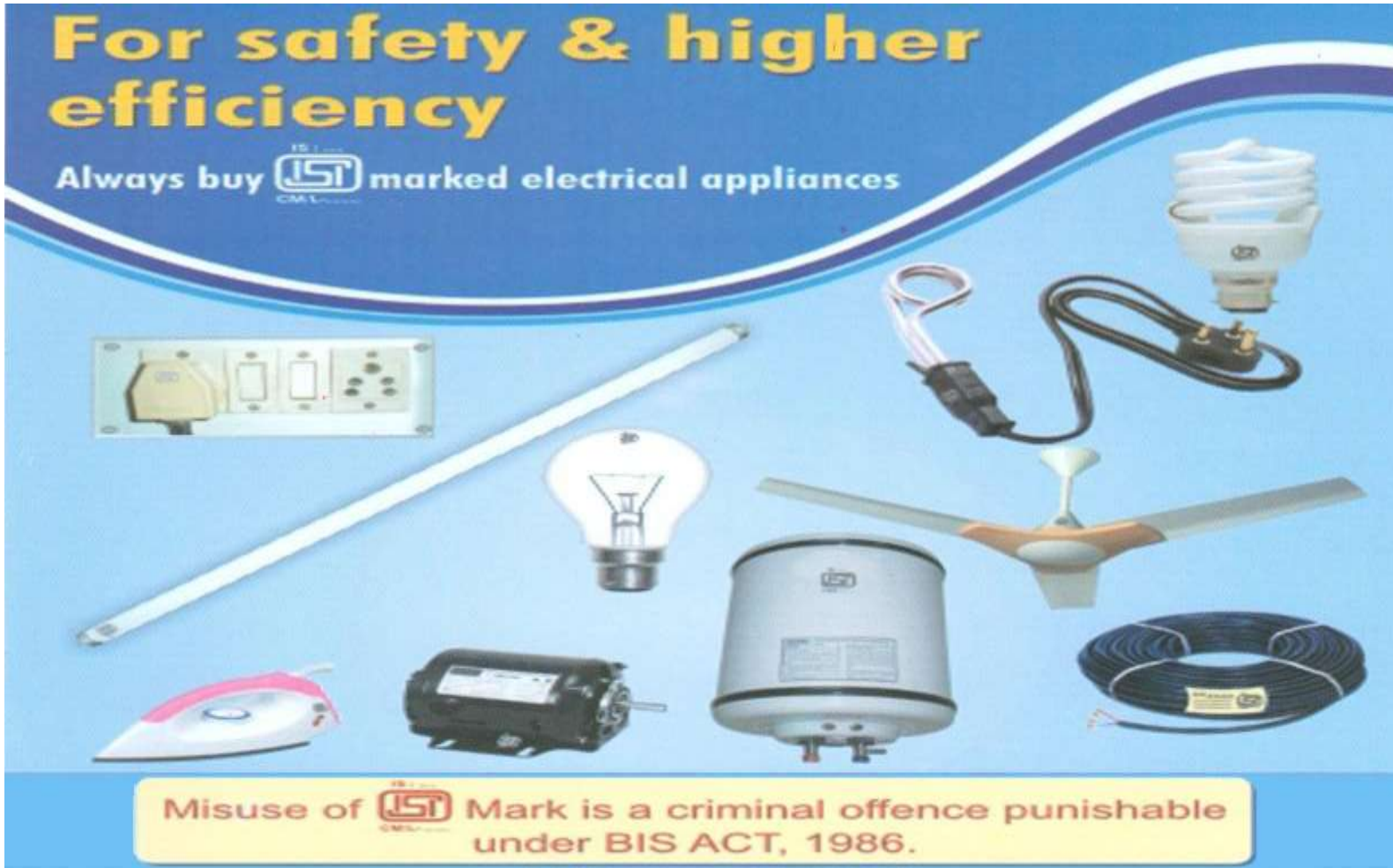
Benefits to certified firm :

▶ The firm with BIS Quality Management Systems Certification license provides:

i) clear indication of its capabilities
ii) strong evidence of its commitment to quality
iii) assurance of consistency in quality of product/ service with timely delivery;

▶ Firm is forced by itself-self motivated to consider improvement to the system through regular audits by BIS.

▶ Reduces the incidence of product failure, in-turn improves credibility of the firm.

▶ Leads to less material wastage

▶ Being internationally recognized

▶ Better choice and monitoring of the firm's supplies.

▶ Motivates all employees and ensures their involvement.

▶ Provides stepping stone to TQM.

Benefits to customer :

▶ Provides assurance and satisfaction that their needs for quality will be met.

▶ Saves time and money by reducing the need for assessment of their suppliers.

▶ Reduces incoming inspection costs.

▶ Work with reduced inventory levels, effecting significant cost reductions.

▶ Simplifies purchase decisions.

▶ Better service, better and quick complaint redressal.

ISI
(Indian Standards Institute)

What is ISI mark?

To maintain the service and quality of a product is the main job of Bureau of Indian Standards (BIS). **BIS allot the ISI mark to any product as third party guarantee after ensuring its quality, reliability and safety.**

Benefits of ISI

* The quality and standards of products with ISI mark are set up as this mark is issued after proper investigation.

* If you are not satisfied with the quality of product with ISI mark, then the company will give you new product in return to it.

* An action can be taken against the manufacturer of the product with ISI mark in case of its bad quality.

How to distinguish between original and duplicate ISI mark?

▶ There are lots of products in the market resembling with the ISI mark.

▶ Products with 'As per ISI standards', 'Confirmed to ISI standards' or 'As per ISI specification' are **duplicate**.

▶ The logo on original ISI products is of **rectangular shape.** The ratio between its length and breadth is **4:3.** Number **IS:** is written upon with followed by a number. IS: is written on all products but the number varies. This number specifies the category of the product. **CM/L along with a seven digit license number** is written below the logo. This number helps in identifying the unit where it was produced.

Image of original ISI mark

Images of duplicate ISI mark