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## Bureau of Indian standards (BIS) Act 2016

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The Bureau of Indian standards (BIS) Act 2016 establishes the Bureau of Indian Standards (BIS) as the National Standards Body of India.

### Bureau of Indian Standards Act

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- BIS Act allows multiple types of **simplified conformity assessment schemes** including **self-declaration of conformity**.
- BIS act provides enabling provisions for making **hallmarking of precious metal articles** mandatory.
- The Act enables the Central Government to appoint any **authority/agency**, in addition to the BIS, to **verify the conformity of products** and services with the established standard and issue **certificate of conformity**.
- There is a provision for **repair or recall**, of the products (bearing Standard Mark) that do not conform to the relevant **Indian Standard**.
- New areas identified in standardization are:
  - Alternate fuels
  - E-mobility
  - Medical Devices
  - Smart Cities
  - Digital Technologies (e.g. Industry 4.0, Artificial Intelligence, Block Chain etc.)
  - New and Renewable energy.

### Important initiatives for effective implementation of the BIS Act, 2016 are

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- **BIS (Hallmarking) Regulations, 2018** under the BIS act calls for Hallmarking of:
  - Gold jewellery and gold artefacts
  - Silver jewellery and silver artefacts
- **Penal provisions** for better and effective compliance have been made stringent under BIS (Hallmarking) Regulations, 2018.

### Bureau of Indian Standards

- **BIS** is the National Standard Body of India for the harmonious development of the activities of **standardization, marking** and **quality certification** of goods.
- BIS has been providing **traceability** and **tangibility** benefits to the **national economy** in a number of ways by:
  - Providing safe **reliable** quality **goods**.
  - Minimizing **health hazards** to consumers.
  - Promoting **exports and imports** substitute.
  - Control over **proliferation** of varieties etc through standardization, certification and testing.