WELCOME

SEMINAR ON IMPROVING RELIABILITY, SAFETY, QUALITY & ENERGY EFFICIENCY IN DISTRIBUTION TRANSFORMERS AND RELATED ISSUES

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ABOUT BIS
OBJECTIVES:

Harmonious development of activities of standardization, marking and quality certification

Providing new thrust to standardization and quality control

Evolving the national strategy for according recognition to standards and integrating them with growth and development of industrial production and exports
MAIN ACTIVITIES

• Standards Formulation
• Certification
  ➢ Product
  ➢ Hallmarking of Gold & silver Jewellery
  ➢ Quality Management System
  ➢ Environmental Management Systems
  ➢ Occupational Health and Safety Management System
  ➢ Registration of electronic products
  ➢ FMCS
  ➢ Process
  ➢ Services
• Laboratory Management
• International Activities
• Training Services
• Others
  ➢ Information Services
  ➢ Consumer Affairs & Standards Promotion
  ➢ Sale of Standards
MANDATORY BIS CERTIFICATION

137 Products

- Cement
- Gas Cylinders
- Electrical Appliances
- Infant Milk Products
- Pressure Stoves
- Miners’ Safety Equipment
- Packaged Drinking Water and Natural Mineral Water
- Thermometers
- Pneumatic tyres for automobiles
- Electrical Transformers
- Capacitors etc.
BIS CERTIFICATION SCHEMES FOR PRODUCTS MANUFACTURED OVERSEAS

• Scheme for Foreign Manufacturers
  • Allow Grant of BIS Standard Mark to Foreign Manufacturers
  • Prime Objective of the schemes is to regulate the quality of imports
  • Many licences granted in countries such as France, UAE, South Korea, Nepal, Switzerland, Thailand, Singapore, Malaysia, Italy, Brazil, Bhutan, China, Indonesia etc.
  • Products certified includes Smart Energy meters, Cement, Tyres, Wood Products, Steel Products, Milk Products, Clinical Thermometers, etc.
COMPULSORY REGISTRATION SCHEME

• Compulsory Registration Scheme for IT products, Audio-Video Equipments, Microwave ovens and Electronic Clocks.
• MeitY is the implementing authority
• 44 Electronics and IT products under CRS
• 6 products of Photovoltaics system, devices and components, for which MNRE is the implementing authority.
CERTIFICATION ACTIVITIES

• Offers third party assurance, based on well defined scheme of testing and inspection and ensuring adequacy of in process quality control.

• Basically voluntary in nature
  ➢ 137 products are however covered under mandatory product certification due to reasons of human health and safety

• Operated through various offices of BIS located throughout the country. (05 Regional offices, HQ, 33 BOs, 08 laboratories)

• Licences in operation > 34000
  ➢ Products covered > 1100
  ➢ Industrial units covered > 8450
LABORATORY TESTING

6 LABORATORIES ACCREDITED TO ISO 17025

TEST 1650 PRODUCTS

8 CAPTIVE BIS LABS

MORE THAN 100 LABS RECOGNISED

MORE THAN 30 000 SAMPLES TESTED ANNUALLY
GEOGRAPHICAL DISTRIBUTION OF LICENSEE OF BIS, LKBO

1. Agra 149
2. Kanpur Nagar 140
3. Kanpur Dehat 25
4. Lucknow 130
5. Jhansi 25
6. Sitapur 56
7. Lakhimpur Khiri 40
8. Varanasi 50
9. Chandauli 24
10. Gorakhpur 50
11. Allahabad 30
PRODUCT CERTIFICATION LICENSES

• No. of Licences 960
  Mandatory  303
  Voluntary  657

• No. of Licensees  668
  Small Scale  607
  Large Scale  61

• No. of ISS covered for certification  175
CERTIFICATION SCHEME OF BIS
CONFORMITY ASSESSMENT IN INDIA

BIS (Member ISO/IEC)

STANDARDS

Regulatory Bodies
Specialist Bodies

NPL

Metrology

Certification Bodies

NABCB (QCI) Member IAF

NABL (DST) Member APLAC/ILAC

NABAT (QCI)

Inspection Bodies

Testing/Calibration Labs

Lab Assessment Personnel

Auditing/Training Personnel
CERTIFICATION PROCESS
[A] GRANT OF LICENCE (NORMAL PROCEDURE)

Application → Preliminary Inspection → Testing of Samples → Acceptance of STI → Acceptance of MF → GRANT OF LICENCE
CERTIFICATION PROCESS
[B] GRANT OF LICENCE (SIMPLIFIED PROCEDURE)

Application with test reports → Verification visit → Testing of Samples → Acceptance of STI → Acceptance of MF → GRANT OF LICENCE
CERTIFICATION PROCESS
[C] MONITORING/SURVEILLANCE

- **Licensee**
  - Surprise visits
  - Testing in Factory
  - Market Samples
  - Testing in Independent Labs
  - Complaint/Feedback Investigation

- Review of Performance
- Renewal of Licence
NEW INITIATIVES OF BIS

• *Simplified and Faster Application processing.*

• *Development of Product Manuals.*

• *Manakonline portal*
ONLINE INFORMATION AVAILABLE ON BIS WEBSITE

• *BIS website has been redesigned and provides various information which inter-alia includes*
  • IS wise list of recognized laboratory along with testing charges
  • IS wise Scheme of Testing & Inspection
  • IS wise Marking fee
  • List of Products under Mandatory and their Gazette notifications
  • Operating Manual for Product Certification
  • Online sales portal for purchase of Indian Standards
  • Link to International & other national organizations
  • Training Calendar of the BIS training Institute
  • Recent initiatives taken by BIS
  • Product Manuals
BUREAU OF INDIAN STANDARDS

KNOW OUR WEB SITE

WWW.BIS.GOV.IN

- FIND IS NO. FOR A PRODUCT (E-CATALOGUE)
- AMENDMENTS TO INDIAN STANDARDS
- LIST OF LICENSEES (BUYER’S GUIDE)
- PRODUCT MANUAL
- DOWNLOAD FREE INDIAN STANDARDS
- STATUS OF LICENSES
Some important sections of BIS Act 2016
Section 18 (7) - Where a certified body or licence holder or his representative has sold goods, articles, processes, system or services, which bear a Standard Mark or any colourable imitation thereof, which do not conform to the relevant standard, the Bureau shall direct the certified body or licence holder or his representative to—

(a) repair or replace or reprocess the standard marked goods, article, process, system or service in a manner as may be specified; or

(b) pay compensation to the consumer as may be prescribed by the Bureau; or

(c) be liable for the injury caused by non-conforming goods or article, which bears a Standard Mark, as per the provisions of section 31. (i.e. Compensation for non-conforming goods.)
SECTION 17 - PROHIBITION TO MANUFACTURE, SELL, ETC. CERTAIN GOODS WITHOUT STANDARD MARK

17(3) No person shall use or apply or purport to use or apply in any manner, in the manufacture, distribution, sale, hire, lease or exhibit or offer for sale of any goods, article, process, system or service, or in the title of any patent or in any trade mark or design, a Standard Mark or any colourable imitation thereof, except under a valid licence from the Bureau.
(3) Any person who contravenes the provisions of section 17 shall be punishable with imprisonment for a term which may extend up to two years or with fine which shall not be less than two lakh rupees for the first contravention and not be less than five lakh rupees for the second and subsequent contraventions, but may extend up to ten times the value of goods or articles produced or sold or offered to be sold or affixed or applied with a Standard Mark, including Hallmark, or with both:

Provided that where the value of goods or articles produced or sold or offered to be sold cannot be determined, it shall be presumed that one year's production was in such contravention and the annual turnover in the previous financial year shall be taken as the value of goods or articles for such contravention.

(4) The offence under sub-section (3) shall be cognizable.
PRODUCT MANUAL

- IS 1180 (grouping guidelines)

Product Manual Provides the following information:

1. Major Raw Material needed
2. Grouping Guidelines
3. Major Testing Equipments
4. Scheme of Inspection and Testing **STI_1180_1.pdf**
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THANKS
NEVER HESITATE TO CALL ON BIS
IN CASE OF ANY DOUBT
AND/OR
QUERIES