

Policy Needs of Quality Standards for Lighting Industry

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The quality standards in India are fool-proof systems promising and providing quality products to end-users

The Policies and Programs for MEPS and Labeling are Prepared with following Principles

■ To provide

- ✓ *Quality products*
- ✓ *Safety*
- ✓ *Guarantee*
- ✓ *Practical usage*
- ✓ *Environment friendly products*
- ✓ *Energy saving*
- ✓ *Value for money*
- ✓ *Awareness*

UN Statement of Standards

In the globalised market place, following the creation of the World Trade Organization, a key challenge facing the developing countries is a need for a National capacity to overcome technical barriers to trade & comply with the requirements of agreements – to enable to meet the global challenge

The quality standards play very important role to achieve this goal

Making of Quality Standards

- *Exchange of technology development*
- *Product specifications*
- *Practical usability*
- *Procedure development*
- *Testing methods*
- *Analyze results*

It is a continuous process

The Role of Policy Makers

- *To provide a suitable Regulations*
- *To carry out regular audits*
- *Ensure timely anti-fraud actions*
- *Ensure implementation of customer guarantee*
- *Bringing relationship between customer and the Ombudsman*
- *Carry out regular awareness programs*

Meeting the Need of Policy Makers

- National Saving on
 - *Quality of Electricity*
(Case of High Power factor on CFL)
 - *Energy Conservation*
 - *Environment*
- Consumer
 - *Ensuring good quality product*
(Case of CFL mandatory standard)
 - *Compliance with packaging and labeling*
 - *Providing usage and user safety*
 - *Reduced product cost*
- Ensuring Statutory Requirement
- Introduce a Legal Framework for Consumer Protection

The Advantages of IS Standards

- Technology Development
 - *Product improvement*
 - *Innovation*
- Harmonization of Standards
 - *International recognition*
 - *Export potential*
- Mandatory Clause
 - *Protection from unscrupulous manufacturers*
 - *Product safety*
 - *Sustained product quality*
- Manufacturers
 - *Lower economic risk*
 - *Promotes central procurement*
 - *Assured customers*

The Standards for **LEDs** are under Progress and A Process is being Followed

- Technical committee appointed comprising of **Manufacturers, Test Laboratories, BEE, BIS, International expert** etc.
- Products identified are - **streetlight, down lighters, general lighting**
- Specifications being prepared
- Prototypes to be sent to test laboratories for obtaining different product specifications
- Comparative to be made and final specifications announced
- Live demonstration at several places and regular recording of data for exhaustive information
- Final standards to be prepared

Thank you