



International Conference
on
Standards in response to the
global challenges
Climate Change, Energy, Water and
Nutrition
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The role of
Egyptian Organization for
Standardization & Quality
(EOS)

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The Egyptian Organization for Standardization & Quality



EOS MISSION



- National Standards Body of Egypt
- Is functioning under the Ministry of Trade and Industry
- Responsible for standardization, quality and related activities in Egypt
- Represent Egypt in the international and regional corresponding organizations



EOS : Important Milestones



⇒ **1957:** EOS was established & became a member of ISO in the same year



⇒ **1958:** The first Egyptian standard “Cast Iron” was issued



⇒ **1979:** EOS was extended and renamed to include the newly established QCC and the new activities of testing and calibration



⇒ **2001:** IMC established & EOS chaired the steering committee and expert working groups to prepare the National Quality Plan (NQP)



EOS : Important Milestones

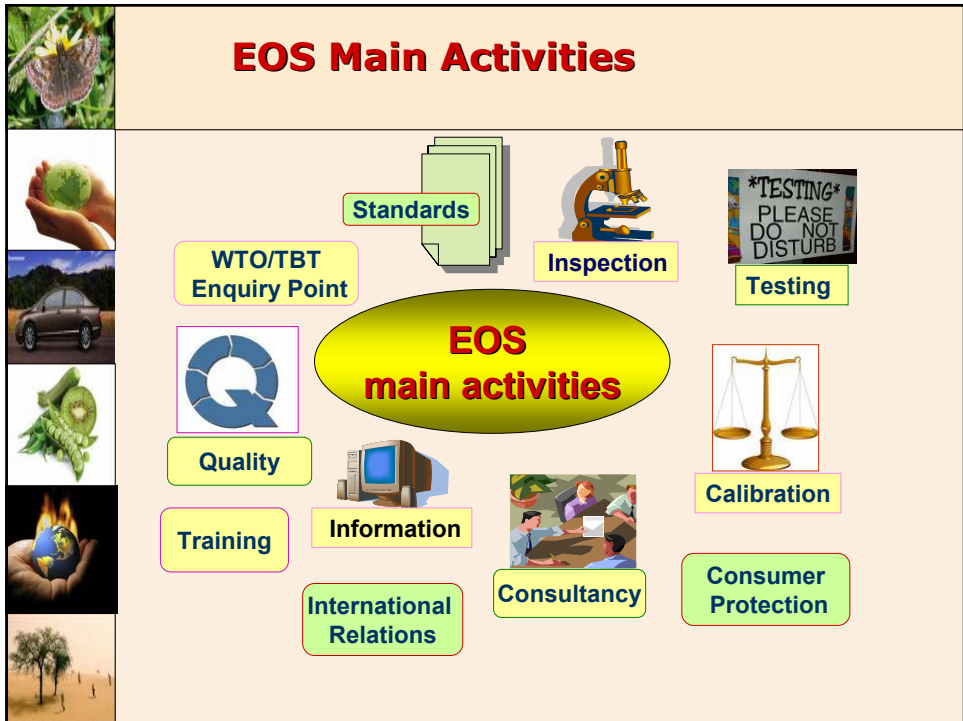


⇒ **2004:** The Egyptian Standard Harmonization Project started



⇒ **2005:** EOS has been renamed to “**The Egyptian Organization for Standardization and Quality**” to reflect its new mission as the focal national body responsible for standards and quality-related activities







Egyptian Standards in figures



NOW:

- ❖ More than 8500 Egyptian standards
- ❖ All Egyptian standards are harmonized
- ❖ Egyptian standards Catalogues are available on website, and standards are electronically available
- ❖ 25 industrial and service sectors are covered (engineering, chemical, textile, food, measurements, information, documentation, transport,.....)



Egyptian Standards in figures



NOW:

- ❖ Automation of standardization process
- ❖ 115 National Technical Committees
- ❖ 1750 Expert representing all concerned parties
- ❖ More than 2000 committee meetings annually
- ❖ More than 30000 circular letters per year for commenting and voting on Egyptian standards
- ❖ Commitment to consensus, impartiality & transparency





ES New Areas



- Standards of interest to consumer (guarantee, Ads and commercials....)
- Services (tourism, maintenance, transportation, smart cards....)
- New products (organic food, medical plants.....)
- Medical appliances
- Information Technology
- Occupational Health and Safety
- Social responsibility
- Management systems



Comprehensive role of EOS



In all fields (including energy, water & food)

- ❖ Elaboration of Egyptian Standards
- ❖ Technical regulations based on standards
- ❖ Certification
- ❖ Awareness & Training
- ❖ Consultancy and problem solving
- ❖ Coordination of all stakeholders interests
- ❖ Focal point for information and knowledge transfer
- ❖ National voice at international and regional organizations





EOS Activities: Standardization



● Participation in international / regional standardization:



- A member in 238 ISO TCs & 3 PDCs
- Secretariat of the translation committee ISO/TMB/ATMG
- Secretariat of (11) AIDMO TCs
- National mirror TCs for ISO PDCs
- Egyptian Codex Committee corresponding to Codex Alimentarius
- EOS mirror TCs for ISO TCs (sectorial, 207,)
- Egyptians representatives attend meetings of ISO TCs 207, TCs 205



EOS Activities: Standardization



● Adoption of international / regional standards:



- Adoption & issue of approved translation of ISO 14001
- Adoption & issue of approved translation of ISO 22000
- Adoption of ISO/EN standards in different sectors in English





Egyptian Standards for Energy



- ❖ More than 30 standards in energy- related fields



- ❖ EOS TCs 1/3,1/12, 1/13, 1/17, 1/22, 1/36



- ❖ Energy efficiency in electrical equipments and machines



- ❖ Energy efficiency in electrical household appliances

- ❖ Energy efficiency in electrical installations

- ❖ Building environment design



Egyptian Standards for Water



- ❖ Drinking Water : 55 ES (TC 3/16)



- ❖ Water Quality : 25 ES (TC 2/10)



- ❖ Water treatment : 17 ES (TC 2/7/1)





Egyptian Standards for Food



- ❖ More than 1600 standards in food and related fields



- ❖ 28 EOS TCs covering the work of ISO TC 34 and Codex Committees



- ❖ Fields covered include food, beverages, additives, feed, pesticide residues, packaging, testing, analysis.....



Egyptian Standards for Environment



- ❖ More than 200 ES
- ❖ About 15 environment-related scope including:
 - Environmental Management Systems
 - Environmental Performance Evaluation
 - Life Cycle Assessment
 - Eco- labelling
 - Industrial pollution.....
- ❖ Cooperation with EEAA in elaboration of ES, application of EMS & enforcement of Law





Egyptian Standards for OHS&E



- EOS and IMC agreed to implement a 12 months project for elaborating OHS&E standards in cooperation with a US Consultant



- Deliverables of the project include:
 - Developing (10)OHS&E standards.
 - Developing a (6) chapter guide for General Industry Safety Program Guide .
 - Performing (8) OHS&E program assessments of selected organizations and EOS facilities & providing reports for further actions



- Standards prepared include:
 - Safety Program Management
 - Occupational Noise
 - Hazardous Substances Control
 - Hazardous Material Management



Other Activities: Technical Regulations



Energy

Energy efficiency requirements (MD)
labeling (MD)
Manufacturer declarations (MD 181)



Electrical appliances

Performance requirements
labeling
Energy efficiency requirements (MD)





Other Activities: Technical Regulations



Food

Health& Safety requirements (MDs)
 labeling (MD)
 Manufacturer declarations (MD 181)
 Declaration of Organic food
 Application of GMP/HACCP/ISO 22000



Water

Health& Safety requirements (MDs)
 labeling
 Application of GMP/HACCP



Environment

Application of requirements (Law& MD)
 Conformity of Q&E systems(MD42)
 (EOS Guide to assessment& approval)



Other Activities: Certification



Electrical equipments & appliances

- Quality Mark
- Energy Efficiency label
(A protocol with MoE)



Food products

- Quality Mark
- Halal Mark



Water

- Quality Mark



- MDs state that EOS offers consultancy services and IMC offers financial support for the application of HACCP/ ISO 22000



Energy Efficiency lable



Other Activities: Awareness

- **Awareness of stakeholders through:**
 - promotional leaflets, publications, translations of European and international publications, website, ES standards catalogue, World Standards Day celebrations, conferences, seminars, educational and training events, press releases, media briefings, press articles and TV interviews
- **EOS publications:**
 - Standardization and Quality World, a bi-monthly magazine
 - The Consumer, a monthly bulletin
 - The Egyptian Codex Committee, a quarterly bulletin



Conclusion

Global Needs

- ❖ To consider new areas of standards and labelling (e.g. Energy efficiency in transport, Energy certificates...)
- ❖ To widely use international standards for as a basis for technical regulations
- ❖ To provide "just in time" knowledge and information about standards and related regulations
- ❖ To establish a new global system to deal with climate changes and related issues
- ❖ To establish a global energy policy (for both generation and consumption)(vs. more than 50 national standards and labeling systems)



Conclusion

Global challenges

- ❖ Standards help in making the international trade system more responsive to climate change and a sustainable energy transition
- ❖ Standards, certification and labeling lead to sustainable future
- ❖ Standards minimize the negative impact of alternative energy sources on people's life
- ❖ Standards deal with energy and water poverty (management systems? and Good Consumption Practice?)



The Egyptian Organization for Standardization & Quality

THANK YOU
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