



مـهـيـة الإـمـارات للمواصفات والمقاييس
Emirates Authority For Standardization & Metrology

E S M A

...التفريق إلى التميز
... Towards Excellence



Host of ISO 31st General Assembly
12-17 October 2008 – Dubai, U.A.E.



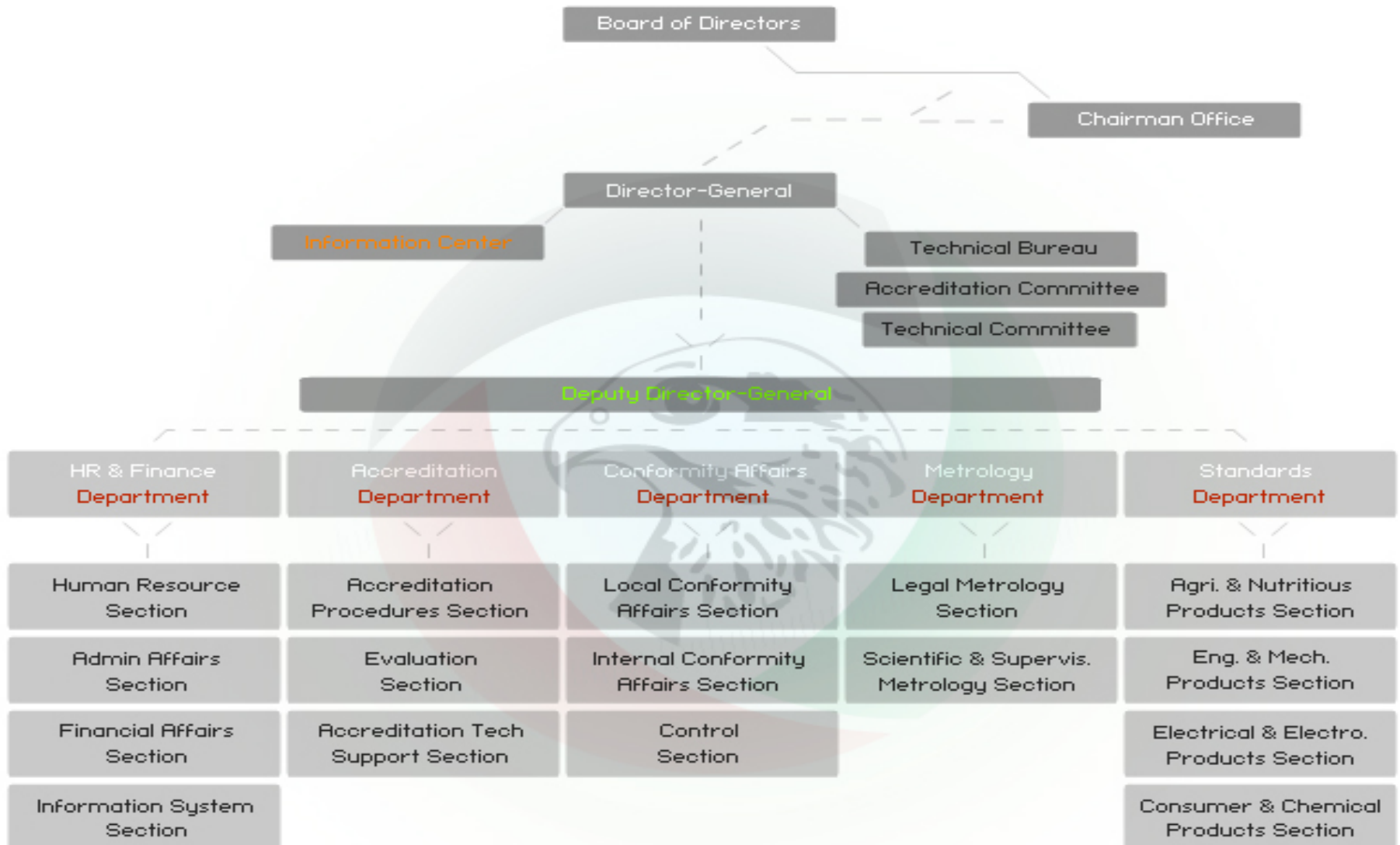
ESMA

Standardization Activities

Prepared by : Eng. Basem Tarawneh
Senior Standardization Specialist



ESMA STRUCTURE





Federal Law no. 28 of 2001

Article 4

Emirates Authority For Standardization & Metrology (ESMA)

“ is the sole authority for Quality, Metrology, and Standards in UAE “

National Standard Body (NSB)



ESMA Memberships

- ISO full member
- AIDMO full member
- GSO full member
- IEC full member
- OMIL full member
- IECEE full member
- ILAC Associate member (through accreditation department)
- Focal point for Codex Alimentarius



Worldwide Standard Organizations



www.iec.ch



www.iso.org

FAO/WHO Food Standards

CODEX alimentarius



Quality Infrastructure

Value chain

National QI

International QI system

products and processes





Our Goals

1- Provide Safety, & protect the consumer, economy, & environment

By ensuring that services & products (both locally manufactured or imported) are in conformity with the UAE standards

2- Support national economy

By assisting national industry to enter international competition

3- Provide Excellent Services

By Implementing worldwide leading practices & certified internal processes for dealing with customers.



Field of Activities

- **Standard:** Issuance and revision
- **Accreditation:** Accredit Conformity Assessment Bodies (Labs, Inspection & Certification Bodies)
- **Legal Metrology:**
Regulate and monitor the implementation
- **Product Certification:**
Run national scheme (ECAS)



Development of UAE standards

Important figures:

UAE standards up to date	6000
Work in progress (2011)	446
Harmonization with International standards	70%
ISO/TC membership	5
Mandatory standards	632
National Technical Committee	9
Expert involved within the NTC	65



Development of UAE standards

Important figures:

Sector	# of standards	# of Technical Regulations
Chemical & Textile	1263	51
Mechanical & Vehicles	847	104
Electrical & Electronics	733	36
Measurements	600	35
Food Technology	659	380
Construction & Building Material	678	6
Petroleum & Gas	407	20
Information Technology	185	0



صالة / بياض قصر
أقصى طول ٨٠ سم



شخل / قطرين أو سيبي
أقصى طول ٦٠ سم



بنيس / بياض جذب
أقصى طول ١٨ سم



حامر / أبو دقن سلطان إبراهيم
أقصى طول ٤٠ سم



دوبلعي / عقام
أقصى طول ٦٠ سم



قين / دوالي
أقصى طول ٤٠ سم



بوني / بنك
أقصى طول ٩٠ سم



فارس
أقصى طول ٩٠ سم



بدح / قاص
أقصى طول ٢٢ سم



فرقم / أبو قرن
أقصى طول ٦٠ سم



سمان / كشر عدس
أقصى طول ٦٠ سم



سكن / سخلة
أقصى طول ١٨٠ سم



عيقوا / مسلبه أو غريب
أقصى طول ٩٠ سم



حمرا
أقصى طول ٦٠ سم



خلخال / لسن
أقصى طول ١٠٠ سم



بيسة / هبرة
أقصى طول ٣٠ سم



كعد / دراك
أقصى طول ١٣٥ سم



شعري / شعور أبو كية
أقصى طول ٥٠ سم



فرقم / أبو قرن الباحة
أقصى طول ٥٠ سم



صافي / سيجان
أقصى طول ٤٠ سم



ناجل
أقصى طول ١٢٠ سم



جواف / شروم
أقصى طول ٢٥ سم



شعري / شعور محيسي
أقصى طول ٣٠ سم



رقطة
معدل العرض ١٥٠ سم



شعري / شعور كريميت
أقصى طول ٤٠ سم



صايغ / قحابة
أقصى طول ٢٥ سم



صايغ / قحابة
أقصى طول ٢٥ سم



شعم
أقصى طول ٨٠ سم



فين / حريد
أقصى طول ٧٥ سم



قد / عقام
أقصى طول ١٥٠ سم



حمام كبير / قروم
أقصى طول ١٢٠ سم



سولي / شعور أبو لوز
أقصى طول ٩٠ سم



حمام / بياض قصر
أقصى طول ١٠٠ سم



سليمان / بوغي
أقصى طول ١٨٠ سم

Standard Number	Standard Title
UAE.S GSO 1026 :2000	Code Of Hygienic Practice For Preparation, Transportation, Handling And Storing Of Fish
UAE.S GSO 1386 :2002	Dried Or Dehydrated Fish
UAE.S GSO 1387 :2002	fish burger
UAE.S GSO 1398 :2002	Marinated Fish
UAE.S GSO 1406 :2002	Frozen Fish Fillets
UAE.S GSO 1753 :2006	Frozen Fish -Fish And Its Products
UAE.S/GSO 1861 :2008	Fish Products Determination Of Histamine (Reference method)
UAE.S /GSO 1881 :2008	Methods Of Sampling Fish, Shell Fish, And Their Products
UAE.S /GSO 1920 :2009	Salted Fish
UAE.S /GSO 1922 :2009	Shellfish - Part 2 : Chilled And Frozen Sea Crab

Standard Number	Standard Title
UAE.S/GSO 2082 :2011	Determination of mercury (methyl)in fish and shell fish
UAE.S/GSO 2083 :2011	Determination of mercury in fish by flameless atomic absorption spectrophotometric method
UAE.S GSO 270 :1994	Smoked fish
UAE.S GSO 380 :Update	chilled fish
UAE.S GSO 514 :1994	General Hygienic And Technical Requirements For Handling Fresh Fish (At Sea)
UAE.S GSO 524 :1994	Fish And Their Products: Canned Pacific Salmon
UAE.S GSO 589 :1995	Methods For Physical And Chemical Analysis Of Fish
UAE.S GSO 655 :1996	Methods Of Microbiological Examination Of Meat, Fish, Shell-Fish And Their Products
UAE.S/GSO ISO 6887-3:2008	Microbiology Of Food And Animal Feeding Stuffs -Preparation Of Test Samples, Initial Suspension And Decimal Dilutions For Microbiological Examination - Part 3: Specific Rules For The Preparation Of Fish And Fishery Products



Standard Number	Standard Title
UAE.S GSO CAC/GL 7 :2007	Guidelines levels for methyl - mercury in fish
UAE.S GSO ISO 7088 :2002	FISH MEAL - VOCABULARY
UAE.S GSO 836 :1997	Frozen Fishery Products Coated With Bread Crumb



Contact information

- Access to ESMA standards e . store

<https://www.esma.ae/e-store/Default/Default.aspx>

For Inquiry, please contact Mr. Bkhaitan Alsmairan

Email: Bkhaitan@esma.ae T: +97124032657

Offices: Abu Dhabi Head office & Dubai branch