



## GHASSAN RAMADAN

Bawshar- Muscat , Oman

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### Senior Profile

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#### Standardization | Metrology | Conformity & Accreditation (Quality Infrastructure)

##### Profile Summary

Electrical engineering background and major working experience with Emirates Authority for Standardization & Metrology (ESMA) in UAE - the UAE's sole National Standards Body that is responsible for formulation of policies, strategies, and management of UAE standards contributing to the protection of consumer safety & rights, environment protection, and economy by issuing related standards and monitoring their implementation on UAE level through the development of schemes recognized by international organizations and in line with the policies of WTO for TBT. Decisive leader and performance-oriented team player with strong liaison, communication, interpersonal & problem-solving skills; committed to the business objective of the organization and excellence in operations. Experienced in strategic and operational planning for the organization, having KPIs, established good practices, and made competitive benchmarking to develop services, products to meet customer needs.

##### Core Competencies

- **Conformity Assessment:** Conformity expert to implement regulations for electrical instruments such as Home Appliances as per (IEC, ISO, GSO & UAE)'s standards through UAE and GCC Technical Committees, measurement and medical instruments such as electrical measurement meters - study and issue COC (Certificate of Conformity) for electrical products - study and issue type approval and conformity certificates for many kinds of measurement products.
- Secretary for a national Technical Committee for Electrical and Electronic Products (GSO TC03's mirror committee).
- Member of a GSO (GCC Standardization Organization) Technical Committee for Electrical and Electronic Products (TC03).
- Issuing and adopting standards in the field of TC03, TC10 &TC09 committees using IEC and ISO Standardization.
- Issuing the rules and regulations in the field of TC03, TC10 &TC09 committees.
- Representing ESMA in all meetings and activities in the UAE and GCC area related to TC03, TC10 &TC09 committees
- Taking part in the preparation of UAE and GCC legislation, laws, regulations, and standards.
- **Marketing Surveillance:** A law Enforcement Officer by the justice minister to inspect the products in the UAE market to make sure that the products comply with the regulations and standards.
- **Standardization:** Specialization and expertise in standardization and regulation activities through UAE and GSO standard Technical Committees to develop and publish national and gulf standards.
- **Metrology:** A weights and Measures Inspector and regulatory officer with progressive experience in measuring, weighing machines water meters, active electrical energy meters, gas meters, legal & scientific metrology work, and medical instruments regulations implementation through GSO Technical Committee for Electricity, Magnetism, Time and Frequency (TC-E).
- **Calibration:** Calibrate and issue calibration certificates for many measurement values, instruments, and meters e.g. medical instruments, ordinary & high precision weights, electronic balances, temperature, and dimension.
- **Accreditation:** Accreditation expert for conformity accredited bodies (CAB's) for Emirates National Accreditation System (ENAS), Emirates Authority for standardization, and Metrology (ESMA). Under ISO /IEC 17020, 17025, and 17065. Worked as Program Manager for all Conformity Assessment Bodies in UAE.
- **Lead Auditor (LA):** Experience in conducting audits make sure products and services meet customer needs according to ISO/IEC 9001: 2015 Quality Management Systems requirements.
- A technical assessor for laboratory according to ISO /IEC 17025

##### RECENT EXPERIENCE

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###### Metrology Department Manager

Scientific Corner of Investment L.L.C. – Muscat, Oman.

Dec 2018 – Present

###### Freelance Consultant in the field of Standardization, Metrology, Accreditation, and Conformity in UAE and Gulf Area.

Own consultancy company located in Dubai to serve factories and companies in the field of standardization, metrology, accreditation, and conformity.

Oct. 2017 – Nov.2018

Key Deliverables

- Give training courses in the field of legal metrology & industrial metrology for certification bodies like TUV Rheinland, IMQ GulfTic in UAE to get authorization from **(ESMA)** for implementing government metrology systems
- Technical Regulation Development and Systems Development
- Product Certification (IEC, ISO, ASTM, EU Norms, etc.)
- Certification of Electrical, medical, and measurement products through ECAS (Emirates Conformity Assessment Scheme) procedure as per UAE regulations
- Formulation of Conformity Assessment Instructions based on product safety and performance standards
- Market surveillance inspection on different outlets in the UAE
- Providing technical expertise for the customer regarding the certification system in ESMA
- Assessing product risk levels, identification of product essential requirements and applicable standards
- Following the Rules on conformity assessment and process flows, Conformity Assessment Instructions, and other related references
- Technical verification of application and test report for compliance as per ESMA technical guidelines
- Providing quality and technically based opinion on product standards and product classification and certification
- Processing and issuance certificates for ECAS Conformity Program
- Data handling of registered models
- Working on ESMA's new regulations such as LPG cylinders.
- Guiding registration of UAE's regulations for manufactures and traders in & outside UAE
- Guide the client and give solution to comply with the products with UAE, GSO, or international standards
- Conducting Audits in factories as per ISO 9001 & Technical audit as per ESMA's ECAS registration
- Preparing new local standards and regulations and reviewing the draft and after implementing the standards as well
- Handling queries & communications with clients & other government agencies.
- Communicating with Laboratories for testing requirements
- Providing testing parameters and arranging sample delivery & collection for tested samples for clients without test reports
- Ensuring correct & timely CoC issuance in relation to the productivity and quality target of Certification Centre
- Assisting in the maintenance of the quality Management System
- Management and implementation of metrology regulations and standards
- Issuing and adopting standards in the field of TC03, TC10 & TC09 committees using IEC and ISO Standardization
- Issuing the rules and regulations in the field of TC03, TC10 & TC09 committees.
- Representing ESMA in all meetings and activities in the UAE and GCC area related to TC03, TC10 & TC09 committees
- Taking part in the preparation of UAE and GCC legislation, laws, regulations, and standards

Key Highlights:

- Member of GSO Technical Committee for Electricity, Magnetism, Time, and Frequency (TC-E).
- Secretary for UAE National Committees of LPG gas cylinder and petroleum meters.
- Secretary for a national Technical Committee for Water Production, Transport and Distribution Equipment (GSO TC10's mirror committee).
- Member of a GSO (GCC Standardization Organization) Technical Committee for Water Production, Transport and Distribution Equipment (TC10).
- Secretary for a national Technical Committee for Electric Power Generation, Transmission, and Distribution Equipment (GSO TC09's mirror committee).
- Member of a GSO (GCC Standardization Organization) Technical Committee for Electric Power Generation, Transmission and Distribution Equipment (TC09)
- Secretary for a national Technical Committee for Electrical and Electronic Products (GSO TC03's mirror committee).
- Member of a GSO (GCC Standardization Organization) Technical Committee for Electrical and Electronic Products (TC03).
- Program manager for all Conformity Assessment Bodies (CABs) which are accredited by ENAS.
- Issued many regulations and hundreds of CoC
- Prepared and issued UAE measuring instruments directive including water meters, active electrical energy meters, and gas meters.
- Helped Prepared and issued gulf measuring law
- Verified all weighing machines in the field of the gold market and hypermarket, and all petroleum meters in all UAE Emirates Replaced Meter unit instead of War unit in the textile field
- Replaced liter unit instead of gallon unit in petroleum pump station field
- Issued regulations for weighing machines, mass, Taximeters, medical instruments, LPG gas cylinder, and petroleum meters, pre-pack products, etc.
- Helped Assessed gulf national calibration institutes and nominated gulf references for Electrical, Mass, Temperature, and Dimension
- Issued and adopted Hundreds of UAE and GCC legislation, laws, regulations, and standards.
- Accredited more than 60 CABs and issued certificates for them
- Assessed many calibration laboratories
- Helped Built a new system for accreditation services (CRM system)
- One of 10 winners out of 750 competitors for 2016 (UAE level) at Afkari Competition for federal government employees at Mohammed Bin Rashid Centre for Government Innovation (RFID\* compliance and marketing surveillance including vehicle's tires)
- Recognized as the Innovative Employee for ESMA in 2011 & 2012.

## Key Projects:

### **Project Title: Legal Metrology for Weighing Machines for Jeweler Traders & Retailers / UAE.**

- Issued and implemented national regulations for verifying and type approval of electronic balances in jeweler and retail market; issued conformity certificates for electronic balances at manufacturer level before putting the instruments in the UAE market then following by marketing surveillance and doing yearly verification by law (legal metrology).
- Functioned as Team Leader, designed procedures and system. Handled technical functions as site job; issued type-approval certificates.

### **Project Title: Legal Metrology for prepackaged products for Retailers / UAE**

- Controlled all prepackaged products amount(weights - size..) in UAE markets using a very high accuracy reference weighing machines; issued and implemented national regulations for pre-packed products in the retail market; Conducted marketing surveillance and verified for legal adherence (legal metrology).

### **Project Title: LPG gas cylinders certification for Manufacturers, refilling, transport LPG gas cylinders / UAE**

- The project aimed at reducing the dangerous uses of LPG gas cylinders & customer protection in which very high accuracy reference weighing machines (Traceable to international references)-Tablet software. National regulations for LPG gas cylinders were issued and implemented at the manufacturer level before putting the instruments in the UAE market followed by marketing surveillance and doing yearly verification by law (legal metrology).

### **Project Title: Accreditation for Conformity Assessment Bodies (CAB's) for Inspection & Certification Bodies / UAE**

- The project aimed at ensuring good quality for testing and products in UAE. It managed the process for CAB's to get (ENAS / ESMA) accreditation under ISO 17020 &17065 from A to Z, Emirates National Accreditation System (ENAS), and Emirates Authority for standardization and Metrology (ESMA).

## **PREVIOUS EXPERIENCE**

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<b>Consultant Expert   European Commission – Damascus, Syria</b>	<b>Jan 2009 – May 2009</b>
<b>Consultant Engineer (Freelance) – Damascus, Syria</b>	<b>Jan 2008 – Dec 2008</b>
<b>Senior Calibration Technician   Dubai Central Laboratory – Dubai Municipality, Dubai</b>	<b>Jan 2004 – Sep 2007</b>
<b>Head of Calibration   Arabian Medial Company – Damascus, Syria</b>	<b>Jan 2003 – Dec 2003</b>
<b>Asst. Director   Arabian Medial Company – Damascus, Syria</b>	<b>Jan 2001 – Dec 2002</b>
<b>Chief of Section (Maintenance&amp; Calibration)   Arabian Medial Company – Damascus, Syria</b>	<b>Jan 1996 – Dec 2000</b>
<b>Maintenance Engineer   Arabian Medial Company – Damascus, Syria</b>	<b>Jan 1992 – Dec 1995</b>

## **CREDENTIALS**

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### Education

- **Bachelor's Degree in Electrical Engineering (Power Supply)**, University of Damascus, Syria, 1991

### Training & Courses

- ISO/IEC 17011 Requirements, Intelligence in Infrastructure - Dubai, UAE, Jul 2017
- Motor Vehicles Safety Requirement for School Buses, Emirates Authority of Standardization & Metrology - Dubai, UAE, Mar 2017
- Organization and Conductance of Inter Laboratory Comparison, BIPB & GCC Gulf meet & GCC Standardization Organization - Dubai, UAE, Nov 2016
- IRCA Certified ISO 9001:2015 Auditor Transition Training Course, BSI training Academy - Dubai, UAE, Nov 2016
- Safety Assessment of Cosmetics and Personal Care Products, GCC Standardization Organization - Abu Dhabi, UAE, Feb 2016
- Dimension Measurements, Emirates Metrology Institute - Abu Dhabi, UAE, Dec 2015
- Training for Notification – Designation, TUV Rhineland Consulting GmbH - Dubai, UAE, Oct 2015
- ISO 9001:2008 Quality Management System Internal Auditor Course, SGS - Dubai, UAE, Dec 2014
- Capacity Building of Technical Committees, GCC Standardization Organization - Dubai, UAE, Nov 2014
- Electrical and Magnetic Measurements, GCC Standardization Organization - Abu Dhabi, UAE, Oct 2014
- Quality Management System in the National Measurement Laboratory, GCC Standardization Organization - Dubai, UAE, Apr 2014
- Reviewing Calibration and Measurement Capabilities, GCC Standardization Organization - Dubai, UAE, Nov 2013
- Internal Auditing Course as per ISO 9001:2008 Standard's Requirements, Emirates Authority of Standardization & Metrology - Dubai, UAE, Jun 2013
- Uncertainty of Measurement for Testing Laboratories, Emirates Authority of Standardization & Metrology - Dubai, UAE, Oct 2011
- Dimension Measurements, BSI British Standards & NBL - Salalah, Oman, Jul 2009
- GCC Regulation for Low Voltage Appliances and its conformity Assessment, GCC Standardization Organization - Kuwait, Oct 2009
- The Japanese Language Course, Intensive Sessions, Japan International Cooperation Agency - Tsukuba, Japan, Aug 1997
- Legal Metrology, Japan International Cooperation Agency - Tsukuba &Tokyo, Japan, Jul – Dec 1997

### Computer Literacy

- MS Office (Word, Excel, PowerPoint)

## **PERSONAL PARTICULARS**

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- **Date of Birth:** November 05, 1964
- **Languages Known:** Arabic (Native), English
- **Nationality:** Syrian
- **Visa Status:** Residence Visa (UAE) & Residence Visa (OMAN)
- **Marital Status:** Married
- **Driving License:** UAE & OMAN & SYRIA