



Arab Association of Metrology (ARAMET)

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Plan



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Arab Association of Metrology (ARAMET)



- The Arab Association of Metrology (ARAMET) presents its compliments to the International Bureau of Weights and Measures (BIPM).
- ARAMET is a regional metrology organization (RMO) that was created in 2012 under the ambit of the Arab Industrial Development, Standardization, and Mining Organization (AIDSMO), previously (AIDMO).



AIDSMO

**is a specialized organization affiliated to the
League of Arab States (LAS)**

- For the record, AIDSMO is a specialized organization affiliated to the League of Arab States (LAS) and has its own legal entity and administrative and financial autonomy.
- AIDSMO (21 Arab Member states) buckles down to ensure Arab industrial integration and coordination, and upgrade capacity building in the fields of industry, mining, standardization and metrology so as to boost productivity and set up joint national and regional industrial projects. It has established the Arab Accreditation Body (ARAC), recognized by ILAC and IAF, and is now active and effective at the regional and international levels.



Objectives of ARAMET



The main objective of ARAMET is to bolster metrology activities in Arab countries, notably:

- Heighten awareness of the scientific and industrial metrology in member states through the organization of training programs and workshops and the publication of guides and documents.
- Assist the Arab National Metrology Institutes (NMIs) in Arab States to obtain international recognition by facilitating and implementing inter-laboratory comparisons programs among these institutes in member states.
- Encourage members to actively participate in BIPM's activities.



Member States in ARAMET

ARAMET consists of 14 Member States:

1. Jordan
2. Tunisia
3. Algeria
4. Kingdom of Saudi Arabia
5. Sudan
6. Iraq
7. Palestine
8. Kuwait
9. Lebanon
10. Libya
11. Egypt
12. Morocco
13. Mauritania
14. Yemen

- Other countries are very welcome to join ARAMET



ARAMET Members in BIPM:

1. Tunisia
 2. Kingdom of Saudi Arabia
 3. Iraq
 4. Egypt
 5. Morocco, and
- Two associate members: Sudan and Kuwait.

Organizational Structure

- ARAMET has its own organizational structure and bylaws under the umbrella of AIDSMO.
- **Technical committees and working groups:**
 - ARAMET Members discuss technical activities of metrology, while technical committees' members work together to plan the upcoming activities.

The working groups consist of active members (competent experts) of the NMIs / DIs, as part of ARAMET. Each working group meets according to a convenient schedule (some of them meet several times a year and when necessary).

ARAMET has got 14 technical committees, a sub-committee as follows:

Technical committees:

❖ Scientific and Industrial Metrology

1. Relevant Mass and Quantities (TCM)
 2. Length (TCL)
 3. Thermometry (TCT)
 4. Time and Frequency (TCTF)
 5. Electricity and Magnetism (TCM)
 6. Ionizing radiation (TCRI)
 7. Chemistry (TCC)
 8. Quality Management System (TCQM)
- Sub-committee: Power and Energy (STCPE)

❖ Legal Metrology

1. Committee for Prepackages checking,
2. Committee for Measuring Instruments of liquids other than water,
3. Committee for Masses and weighing instruments,
4. Committee for Measuring Instruments in the field of safety environment and Health
5. Committee for Harmonization of Legislation and Technical Procedures
6. Committee for Metrological Awareness and Education

Main achievements

Over the previous ten years, ARAMET managed to accomplish a number of objectives, more importantly:

- Held nine General Assembly meetings
- Put forward strategies and action plans
- Created an e-forum for members
- Published the Arabic translation of the international vocabulary of the basic metrology (VIM), (2008 edition), and the Arabic translation of the international vocabulary of the legal metrology, (2000 edition).
- Organized training sessions and workshops
- Implemented two inter-comparisons programs in mass and heat
- Cooperated with ARAMEL and published:

- The Arab Directive (1) for the year 2015: Measurement tools and approval of the Arab Conformity Mark
- The Arab Directive (2) for the year 2020: Pre-packaged products - by weight or by volume-
- The Arab Directive (3) for the year 2020: bottles used as measuring containers
- The Arab Directive (4) for the year 2020: notification Authorities and Designated Bodies
- With reference to the discussions that have been held during the International Bureau of Weights and Measures' meeting in March 2016, where ARAMET was invited to approach its member states to assess their intentions about considering ARAMET as their main organization, we would like to inform you that all Member States support ARAMET.

Until this date, its Secretariat has received official letters from seven countries that endorse choosing ARAMET as their main regional organization, through which results of inter-comparisons are recorded under the umbrella of BIPM. The seven countries are (Jordan, Iraq, Palestine, Lebanon, Yemen, Sudan and Libya), noting that five countries do not have a regional organization:

1. Jordan
2. Iraq (Member in BIPM)
3. Palestine
4. Lebanon
5. Yemen



ARAMET in the hope to become a regional organization (RMO).



- ARAMET will be very pleased to attend JCRB meetings , with an in the hope to become a regional organization (RMO).
- ARAMET will remain open to any proposal to improve its Quality Management System and offer better services for its members.
- ARAMET GA meeting's request to:
 1. Accept ARAMET admission to membership of the Joint Committee of Regional Organizations and the International Bureau of Weights and Measures (JCRB-BIPM) as a new regional organization (RMO), so that the aforementioned countries (Jordan, Lebanon, Iraq, Yemen, and Palestine) can record the results of their inter-comparisons under the umbrella of BIPM. Both Sudan and Libya stated their interest in considering ARAMET as their main organization, noting that ARAMET has met all requirements to join JCRB-BIPM.
 2. Invite ARAMET delegation to attend the next meeting of BIPM, and devote an item in the agenda to make a presentation on ARAMET.