



## Form for Regular Reporting of Regional Instrument Centres

(please expand the cells as required to properly reflect your activities)

Terms of Reference for Regional Instrument Centres (RICs) are available under:  
<https://www.wmo.int/pages/prog/www/IMOP/instrument-reg-centres.html>

Regional instrument Centre - General Information	
Name of RIC	Cairo Regional Instrument Centre
RIC's website	ema.gov.eg
Institute hosting RIC	Egyptian Meteorological Authority
City	Cairo
Country	Egypt
Regional Association	RA I

Contact Person for the Regional Instrument Centre	
Courtesy Title	Mr.
First name	Hamza Mohamed
Family name	Hamza
Street and number	Kobry El-Koba, Heliopolise
Postal code	11784
City	Cairo
State/Province	CA
Country	Egypt
Tel. number(s)	+201200178738
Fax number(s)	
Email(s)	hamzamohamed@yahoo.co.uk
Has contact person changed since your last report?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No

If yes, provide the previous contact person?

### RIC's staff

(Please specify the number of your managerial and technical staff)

- Managerial: **One**
- Technical: **Three**

### Interlaboratory Comparisons

**Have you organized any interlaboratory comparison in the last calendar year?**

(If yes, please specify the event(s) and final reports, including their web links, if available):

- **NO**

**Have you participated in any interlaboratory comparison in the last calendar year?** (If yes, please specify the event(s) and the report(s), including their web links, if available):

- **NO**

### Applied International Standards/Norms

**Is your RIC accredited according to ISO/IEC 17025?**

**Yes** (please, specify the following):

**Accreditation/certification body:**

**Date of the last audit:**

**Link to the Certificate of Accreditation:**

**No** (please, indicate if you have already applied any quality management system, and provide a reason for a lack of accreditation, if possible)

- **Accredited against ISO 9001**

### Assessment by a recognized authority other than accreditation body

**Was your RIC assessed by a recognized authority other than an accreditation body?** (e.g. certification body, NMI, another RIC)

**Yes** (please, specify the following):

**Name of a recognized authority:**

**Date of the last assessment:**

**Standard against which the assessment was carried out:**

**No** (please, explain why, if possible)

-

**WMO/CIMO [Evaluation Scheme \(excel file\)](#)**

**Have you filled out the WMO/CIMO Evaluation Scheme (excel) and submitted it to the WMO Secretariat?**

- Yes** (please, specify when you submitted the most recent one):
- No** (please, explain why, if possible)

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**Calibrations of the Members' Instruments**

**Which calibration services, were provided by your RIC for other Members/countries in the last calendar year?** (Please specify)

Year	Type of instruments	Number of calibrated instruments	WMO Member/Country

**Capacity Development and Training Activities**

**Which capacity development/training activities have been carried out by your RIC within the Region in the last calendar year?** (please specify events, WMO Members that participated and the number of participants)

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**Has your RIC provided services on capacity development and training outside the Region in the last calendar year?** (If yes, please specify to whom and when)

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**Which guidance documents, standard procedures or other publications were developed and published by your RIC in the last calendar year?** (Please, include full reference and web-link if available)

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### Utilization of Resources and Capabilities of the Region

(Have you collaborated with other RICs, RRCs, RTCs, NMHSs or NMIs on standardization of meteorological and other related environmental measurements in the last calendar year? If yes, please specify when and how)

- **NO**
- 

### Recent Changes in Circumstance

**Have there been any changes in your RIC's capabilities in the last calendar year?** (If so, please specify)

- **NO**
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**Have there been any significant changes in your RIC's infrastructure in the last calendar year?** (If so, please specify)

- **NO**
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**Have there been any changes in your staffing in the last calendar year?** (If so, please specify)

- **NO**
- 

### Future Plans and any other relevant information

(Please provide plans/projects of your RIC for this calendar year, and add any other information you find relevant about your RIC)

- Planning to accredited against 17025 standard
- **Intercomparison workshop in Cairo**

**Are you in agreement with publishing this reporting form on WMO/CIMO website?**

Yes

No

27/01/2019

Date

Hamza Mohamed Hamza

Name and Signature of Person in Charge of RIC

## ANNEX

(Following information will be a part of your RIC's website as published on the [WMO/CIMO website](#))

Specific information on Instrument Calibration Capabilities					
<b>Temperature:</b>					
Instrument Undergoing Calibration	Calibration Range	Reference Standard, Equipment	Calibration and Measurement Capability (CMC)*	Traceability of Reference Equipment	
				Last Standard Calibration Date	Calibration Body
Resistance thermometer	-40 to +180	Temperature and Climatic Test Chambers Vötsch - Model VCL 4010	140 mK	20-08-2018	EMA
Status of accreditation (date of the latest accreditation): Link to the accreditation certificate: Accreditation body:					
<b>Relative Humidity:</b>					
Instrument Undergoing Calibration	Calibration Range	Reference Standard, Equipment	Calibration and Measurement Capability (CMC)*	Traceability of Reference Equipment	
				Last Standard Calibration Date	Calibration Body
Relative humidity measuring instruments	10 TO 98	Temperature and Climatic Test Chambers Vötsch - Model VCL 4010	±1 %	20-08-2018	EMA

Status of accreditation (date of the latest accreditation):  
 Link to the accreditation certificate:  
 Accreditation body:

**Atmospheric pressure:**

Instrument Undergoing Calibration	Calibration Range	Reference Standard, Equipment	Calibration and Measurement Capability (CMC)*	Traceability of Reference Equipment	
				Last Standard Calibration Date	Calibration Body
Absolute pressure Barometers	750 to 1050 hPa	Quartz barometer Paroscientific 765-16B, Pressure chamber Elite PCS-600	0.12 hPa	02-04-2018	EMA

Status of accreditation (date of the latest accreditation):  
 Link to the accreditation certificate:  
 Accreditation body:

**Wind:**

Instrument Undergoing Calibration	Calibration Range	Reference Standard, Equipment	Calibration and Measurement Capability (CMC)*	Traceability of Reference Equipment	
				Last Standard Calibration Date	Calibration Body

Status of accreditation (date of the latest accreditation):  
 Link to the accreditation certificate:  
 Accreditation body:

**Precipitation:**

Instrument Undergoing Calibration	Calibration Range	Reference Standard, Equipment	Calibration and Measurement Capability (CMC)*	Traceability of Reference Equipment	
				Last Standard Calibration Date	Calibration Body

Status of accreditation (date of the latest accreditation):  
Link to the accreditation certificate:  
Accreditation body:

**Other (please specify if applicable):**

Instrument Undergoing Calibration	Calibration Range	Reference Standard, Equipment	Calibration and Measurement Capability (CMC)*	Traceability of Reference Equipment	
				Last Standard Calibration Date	Calibration Body

Status of accreditation (date of the latest accreditation):  
Link to the accreditation certificate:  
Accreditation body:

\* A **CMC (calibration and measurement capability)** is the smallest uncertainty (k=2) of measurement that can be expected to be achieved by the RIC during a calibration under normal conditions. This CMC is evaluated by the RIC itself and described in the scope of accreditation of the RIC, if available.