

QUICK START: CMC IDENTIFIERS

USE CASES

1. In its Recommendation JCRB/46-1ⁱ, the Joint Committee of Regional Metrology Organizations and the BIPM (JCRB) recommends the use by NMIs and DIs of **CMC identifiers**, for example in quality management documentation and in calibration certificates (digital or otherwise).
2. The BIPM has established a new digital service that allows a **permanent link** to be provided to the corresponding CMC.

YOUR CMC IDENTIFIER

The identifier is automatically attributed as soon as a CMC is declared on the KCDB web platform, and is **displayed in the KCDB along with the CMC** when the CMC is published.

The CMC identifier is composed as follows, according to document CIPM MRA-G-13ⁱⁱ:

RMO-Area-A2-ID-V

where

- RMO acronym of the Regional Metrology Organization through which the CMC was submitted
- Area acronym of the metrology area
- A2 ISO 3166-1 2-letter country code (or BIPM code for an international organization participating in the CIPM-MRA)
- ID 8-character alphanumeric code
- V 1-character alphanumeric version value (from 1 to Z).

PERMANENT LINK

To access a web address please use the following link including your CMC identifier:

[https://si-digital-framework.org/kcdb-cmc/"CMC identifier"](https://si-digital-framework.org/kcdb-cmc/)

(where "CMC identifier" is replaced by your CMC identifier).

To return machine-readable (JSON or XML) code (for example in a digital certificate), use:

[https://si-digital-framework.org/kcdb-cmc/"CMC identifier"?type=json](https://si-digital-framework.org/kcdb-cmc/)

[https://si-digital-framework.org/kcdb-cmc/"CMC identifier"?type=xml](https://si-digital-framework.org/kcdb-cmc/)

EXAMPLE



This calibration service is underpinned by the CMC
AFRIMETS-EM-KE-00000MUX-1:



ⁱ <https://www.bipm.org/committees/jc/jcjb/meeting-outcomes>

ⁱⁱ CMCs - Calibration and Measurement Capabilities in the context of the CIPM MRA: Guidelines for their review, acceptance and maintenance (2022); CIPM MRA-G-13, <https://www.bipm.org/documents/20126/43742162/CIPM-MRA-G-13.pdf>