QUICK START: CMC IDENTIFIERS

USE CASES

1. In its Recommendation JCRB/46-1[i], 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-13[ii]:

$$RMO\text{-}Area\text{-}A2\text{-}ID\text{-}V$$

where

- RMO is the name of the Regional Metrology Organization to which the CMC was submitted
- Area is the name of the metrology area
- A2 is the ISO 3166-1 2-letter country code (or BIPM code for an international organization participating in the CIPM MRA)
- ID is a character alphanumeric code
- V is the 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"

(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/"CMC identifier"?type=xml

EXAMPLE

This calibration service is underpinned by the CMC
...R:METS-EM-KE-00000...UX-1:

[i] http... ...mmittees/jc/jcrb/meeting-outcomes
[ii] CMC ... ...asurement Capabilities in the context of the CIPM MRA: Guidel... ...s for their review... ...ntenance (2022); CIPM MRA-G-13,
https://www.bipm.org/documents/20126/43742162/CIPM-MRA-G-13.pdf