

## CCAUV RULES & GUIDELINES FOR INTRA-REGIONAL REVIEW

The rules and guidelines given here are complementary to the guidelines given by the International Committee for Weights and Measures (CIPM) in CIPM MRA D-04, *Calibration and Measurement Capabilities in the context of the CIPM MRA* [1], and in CIPM MRA D-05, *Measurement comparisons in the CIPM MRA* [2], to be applied within the Consultative Committee for Acoustics, Ultrasound and Vibration (CCAUV).

Except when a country first submits its CMCs in a given field, all new CMCs or those that have been modified will be coloured in red. Consequently, the review only needs to be of the CMCs that have red items. Comments on other CMCs that have been approved previously are not expected but if they will lead to overall improvements, they are welcome although this should not prevent the approval of the new or modified CMCs that have been submitted.

CMC column	Modification	Review action	Rule/Guide
All columns	Editorial	None – Take note	Rule
All columns	Previously approved with no changes relating to present submission	None – was approved and is not open for review	Rule
1. Quantity 2. Instrument or Artifact 3. Instrument Type or Method	Most likely a CMC addition	For CMC addition, full review	Rule
4. Measurand Level or Range	Most likely a CMC addition	For CMC addition, full review	Rule
5. Measurement Conditions/ Independent Variable <b>Specification</b>	Range extended beyond previous CMC	Full review for range addition	Guide
	Range limits modified within previous limits	Full review of CMC at range changes	Guide
	Range overlap	Allowed – indicates more than one system used. No action required.	Rule
Expanded Uncertainty	Decrease in UoM	Full review of CMC	Guide
	Increase in UoM	None – Take note	Rule
Reference standard & traceability source	Source increased in accuracy	1) No change to UoM – None 2) Decrease in UoM – Full review	1) Rule 2) Guide
	Source decreased in accuracy	3) Full review	Rule

List of Comparisons supporting this measurement/calibration service	1) Addition 2) Omission	Check relevance	Guide
---	----------------------------	-----------------	-------

UoM : Uncertainty of measurement

- [1] CIPM MRA D-04, *Calibration and Measurement Capabilities in the context of the CIPM MRA*,  
[http://www.bipm.org/utils/common/CIPM\\_MRA/CIPM\\_MRA-D-04.pdf](http://www.bipm.org/utils/common/CIPM_MRA/CIPM_MRA-D-04.pdf)
- [2] CIPM MRA D-05, *Measurement comparisons in the CIPM MRA*,  
[http://www.bipm.org/utils/common/CIPM\\_MRA/CIPM\\_MRA-D-05.pdf](http://www.bipm.org/utils/common/CIPM_MRA/CIPM_MRA-D-05.pdf)