

COVARIANCE

METROLOGY LABORATORY



“ AT COVARIANCE, OUR PURPOSE IS TO ENABLE EVERY LABORATORY TECHNICIAN TO REACH THE BEST MEASUREMENT THEY CAN GET BY HELPING THEM TOWARDS EFFICIENT OPERATIONS, UNIQUE CALIBRATION SOLUTIONS AND OUR EXPERTISE. ”



[COV_(lab)]

Covariance's laboratory was built and designed from an accumulation of experiences in metrology. Of course, the laboratory meets all the necessary condition for a **primary metrology laboratory**, but its design responds to **today's operational realities** and ensure that our capacity will never be limited.

FIRST CLASS SERVICES

Covariance is **ISO17025:2017** accredited by the SCC (Standard Council of Canada) and hold a certification **CLAS** (Calibration Laboratory Assessment Service) a program from the NRC (National Research Council of Canada).



Conseil canadien des normes
Standards Council of Canada



“ AT COVARIANCE, THE RESULTS OF CALIBRATIONS WE OBTAIN DURING YOUR SERVICES ARE THEREFORE ALL VALIDATED BY AND COMPLIANT WITH THE CLAS PROGRAM FROM NRC. ”



WHAT ARE THE MAIN EVOLUTIONS IN THE 2017 EDITION?

The Process approach now matches that of newer standards such as;

ISO 9001 (quality management),
ISO 15189 (quality of medical laboratories)
ISO/IEC 17021-1 (requirements for audit and certification bodies).

The standard has now a **stronger focus on information technologies** and incorporates the use of computers systems, electronic records and the production of electronic results and reports.

A **new chapter** introduces the **concept of risk-based thinking**.

COMMUNICATION



SHIPPING AND EXPEDITION

We take care of all shipping process and liability



INSPECTION



MAINTENANCE

Minor & extensive repair



ALL INCLUSIVE SERVICE



CALIBRATION

Integrity in the result

“ AT COVARIANCE, SAFETY IS INHERENT IN ALL OF OUR PROCESS NOT ONLY FOR US BUT ALSO FOR YOU. THIS IS WHY WE HAVE TWO STEP OF DECONTAMINATION ON OUR INLAB SERVICE. WE DO ONE AT THE RECEIVING, AND A SECOND ONE JUST BEFORE WE PACK IT FOR YOUR DESTINATION. ”

[COV_(lab)]

“ AT COVARIANCE, UNDER OUR ISO 17025: 2017 ACCREDITATION, ALL RESULTS HAVE A METROLOGICAL TRACEABILITY TO IS (INTERNATIONAL SYSTEM), THAT IS TO SAY THAT ALL OUR INSTRUMENTS ARE CALIBRATED BY A CHAIN THAT LINKS TO THE NATIONAL STANDARDS. ”



Mass



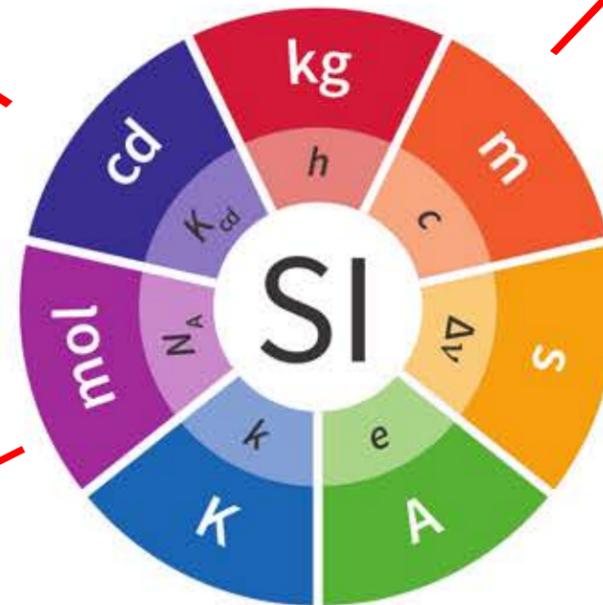
Pipettes



Balances

ILAC considers that the elements necessary to confirm metrological traceability are :

- a metrological traceability chain uninterrupted to an international or national standard;
- a documented measurement uncertainty ;
- a documented measurement procedure ;
- recognized technical competence ;
- IS metrological traceability ;
- pre-defined intervals between each calibration.



Temperatures

Instruments





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