

CALIBRATION REPORT NO. 29550
Delivered September 30, 2002 To:
CAL-SCAN SERVICES LTD
EDMONTON, ALBERTA, CANADA
Purchase Order Number: DW-12385
Calibration of a
KN = 200 psi/kg Piston-Cylinder No. 7101

QUALITY PROGRAM CONFORMANCE

All calibrations are performed in accordance with DHI Laboratory Quality Assurance Manual, Rev. B, November 1999 and conform to ISO/IEC 17025, ANSI/NC SL Z540-1-1994, ISO/IEC Guide 25, ISO 9002, ISO-10012-1, MIL-STD 45662A and when specified by our customers NRC regulations 10CFR50 Appendix B and 10CFR21, and/or other quality requirements defined in customers purchase descriptions.

TRACEABILITY

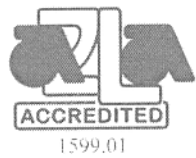
Traceability for pressure is maintained through the fundamental units of mass [kg] and length [m²] and the derived unit of acceleration of gravity [m/s²].

- The traceability of effective area is maintained through the 2001 DHI Piston-Cylinder Calibration Chain to the National Institute of Standards and Technology, NIST, United States, and the Laboratoire National D'Essais, LNE, France.
- The traceability of mass is maintained through reference mass set R100 through determinations performed by National Institute of Standards and Technology, NIST, United States.
- DHI local gravity has been determined through the National Geodetic Survey gravity prediction.

The traceability to NIST or other national metrology institutes for secondary measurement standards is established through laboratories approved by the DH Instruments quality assurance program. Test reports for references maintained by DHI are available upon request to the recipient of this calibration report.



Metrologist



Laboratory Representative



The calibration sticker delivered with this calibration report shows the recommended recalibration interval as required by DHI Quality Assurance Procedures. If the due date is not shown on the sticker, you have asked us not to recommend an interval. If there is not a sticker with this report or on the equipment calibrated, it is possible the equipment does not meet manufacturers specifications. In this case please contact DHI for an explanation.

CALIBRATION REPORT NO. 29554
Delivered October 1, 2002 To:
CAL-SCAN SERVICES LTD
EDMONTON, ALBERTA, CANADA
Purchase Order Number: DW-12385
Calibration of a 100kg Mass Set No. 3708

QUALITY PROGRAM CONFORMANCE

All calibrations are performed in accordance with DHI Laboratory Quality Assurance Manual, Rev. B, November 1999 and conform to ISO/IEC 17025, ANSI/NCCL Z540-1-1994, ISO/IEC Guide 25, ISO 9002, ISO-10012-1, MIL-STD 45662A and when specified by our customers NRC regulations 10CFR50 Appendix B and 10CFR21, and/or other quality requirements defined in customers purchase descriptions.

TRACEABILITY

- The traceability of mass is maintained to the fundamental unit of the kilogram [kg] through reference mass set R100 through determinations performed by National Institute of Standards and Technology, NIST, United States.

The traceability to NIST or other national metrology institutes for secondary measurement standards is established through laboratories approved by the DH Instruments quality assurance program. Test reports for references maintained by DHI are available upon request to the recipient of this calibration report.


Metrologist




Laboratory Representative



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