

ILC/PT Final Report

CMM Calibration / NAPT-CMM-112 MI

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National Association for Proficiency Testing

A Non-Profit Organization Dedicated to Excellence in Metrology & Test Measurement

This report presents the measurement results submitted to NAPT along with associated uncertainties. Two comparisons are presented. First, each measurement data point is compared against the established reference value, both in the value reported and the uncertainty associated with that value. Second, each measurement data point is compared to all other test participants along with a comparison of their reported uncertainties.

To add clarity and simplification in understanding the results, several additional indicators are included for each reported data point. These include: Participant E_n values, S/U (satisfactory/unsatisfactory) ratings, I W O (in/within/out) ratings, Z-score, mean value of satisfactory results and mean values of all participant reported results. Each set point also has a graph showing additional illustration of the measurement.

The Final Report indicates the performance and capability of multiple laboratories performing like calibrations on a single type of artifact. Results also give each participant a basis for evaluation and perhaps improvement of their calibration performance.

All NAPT ILC/PTs are conducted in accordance with ISO/IEC Guide 43-1 and ILAC-G13:2000, requirements for proficiency testing providers.

Thank you for participating in this evaluation. We hope this process has given you a better understanding of your processes. We look forward to your participation in additional NAPT-Sponsored ILC/PTs.

If you have any comments, concerns, or questions regarding this ILC/PT please do not hesitate to contact the Managing Director who is responsible for the content of this report.

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Organization Participating:
Results Reported To:
ILC/PT Performed By:
Date of Participation:

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