



CMI Calibration Laboratory

Certificate of Calibration

This is to certify the breath alcohol measuring instrument, serial number 80-005943, after completion of the calibration was found to meet or exceed the acceptance criteria for accuracy and precision. This calibration was performed using reference standards and materials which are *International System of Units (SI)* traceable through the *National Institute of Standards and Technology (NIST)*.

Calibration Record CR-80-005943-161865D

Estimated Measurement Uncertainty

Breath Alcohol concentrations of:

$0 \leq 0.100 \text{ g/210L} \pm 0.0020 \text{ g/210L BAC}$

$> 0.100 \text{ g/210L} \pm 0.0021 \text{ g/210L BAC}$

Original

Reproduction _____
Initials Date

Amended _____
Initials Date

The expanded uncertainties estimated at the time of the calibration have been calculated using the root sum square method including both Type A and Type B components and are based on a minimum coverage factor of k=2 corresponding to an approximate confidence level of 95%.

Calibrated by DD Paker Date June 20, 2013

This certificate shall not be reproduced except in full, without written approval of CMI Calibration Laboratory.



Breath Alcohol Measuring
Instrument Calibration
ISO/IEC 17025:2005
An ASCLD/LAB-International
Accredited Laboratory
Since February 07, 2012
Certificate # ALI-007-C



CMI Calibration Laboratory

Certificate of Calibration

This is to certify the breath alcohol measuring instrument, serial number 80-005943, after completion of the calibration was found to meet or exceed the acceptance criteria for accuracy and precision. This calibration was performed using reference standards and materials which are *International System of Units (SI)* traceable through the *National Institute of Standards and Technology (NIST)*.

Calibration Record CR-80-005943-16186SD

Estimated Measurement Uncertainty

Breath Alcohol concentrations of:

0 ≤ 0.100 g/210L ± 0.0020 g/210L BAC

> 0.100 g/210L ± 0.0019 g/210L BAC

Original

Reproduction

Amended

Initials

Date

DR
Initials

July 3, 2013
Date

The expanded uncertainties estimated at the time of the calibration have been calculated using the root sum square method including both Type A and Type B components and are based on a minimum coverage factor of k=2 corresponding to an approximate confidence level of 95%.

Calibrated by Dh Rohrer Date July 3, 2013

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Breath Alcohol Measuring
Instrument Calibration
ISO/IEC 17025:2005
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Accredited Laboratory
Since February 07, 2012
Certificate # ALI-007-C

CMI Calibration Laboratory, 316 East Ninth Street, Owensboro, Kentucky, 42303, USA

July 02, 2013

Deborah Kashur
Office of Attorney General,
Crime Lab Division/Tox Lab
Bismarck, North Dakota,
58502, USA
dkashur@nd.gov

Re: Notification of Findings

Ms Kashur,

I am writing to inform you two instruments, serial numbers 80-005937 and 80-005938 shipped June 21, 2013, *were not* within the calibration method's acceptance criteria for *individual* results but *were* within the acceptance criteria for the *average* result for the 0.160 g/210L dry gas ethanol concentration. The instruments should not have been passed and shipped.

A corrective action report has been created and is moving through our process to determine the root cause of this error and to implement a corrective action to prevent this from happening in the future.

Per our phone conversation, I am requesting the instruments be returned to CCL for retesting before use. We will provide shipping labels for the return of the instruments. The instruments will be processed expeditiously through the calibration laboratory and returned to you when they have met our calibration method acceptance criteria.

Attached you will also find an amended calibration certificate for instrument 80-005943. The estimated measurement uncertainty was corrected for >0.100 g/210L BAC from 0.0021 g/210L BAC to 0.0019 g/210L BAC. Incorrect calibration data for the 0.160 g/210L dry gas concentration was entered into the uncertainty calculation thus causing the estimate to be erroneously high. Please attach this amended certificate to the original certificate in your records.

You are not required to take additional action or respond to this notification. However, please feel free to contact me directly with any questions or concerns.

Sincerely,



Matt Midnight

Laboratory Director
CMI Calibration Laboratory
CMI Inc.
316 East 9th St
Owensboro, Ky 42303
mkmidnight@alcoholtest.com
Ph. (270)-685-6327
Fax (270)-685-6678

Certificate of Calibration

This is to certify the calibration of **Intoxilyzer**® serial number 80-005943, manufactured by CMI Inc., a subsidiary of MPD, Inc. of Owensboro, Kentucky, was tested and found to conform to the National Highway Traffic Safety Administration (NHTSA) Standard for Devices to Measure Breath Alcohol (Federal Register, Vol.58, No.179, pp 48705-48710, Sept. 17, 1993) for accuracy and precision. Reference materials are traceable through the National Institute of Standards and Technology (NIST) to the International System of Units (SI).

Date June 24, 2013 Signed Du Rohrer

Technician



316 East 9th Street
Owensboro, KY 42303
USA

Part No. 650517 Rev.A