



MISSOURI DEPARTMENT OF HEALTH AND SENIOR SERVICES
STATE PUBLIC HEALTH LABORATORY
ALCO-SENSOR IV WITH PRINTER MAINTENANCE REPORT

REPORT #7

Complete this report in duplicate at the time of the regular monthly preventative maintenance check, and whenever instrument is repaired. Send copy to Department of Health and Senior Services; retain original in department file.

ALCO SENSOR IV SN <u>104293</u>	PRINTER SN <u>09B.3590.034</u>	DATE OF INSPECTION <u>08 11 14</u>
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LOCATION OF INSTRUMENT (STREET AND CITY) <u>7010 N HOLMES GLADSTONE</u>	TIME OF INSPECTION <u>1500</u>
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CHECKLIST: Place a mark in the box by each item if found to be satisfactory or if operating within established limits. (Write in observed values where determined.) Unmarked items must be corrected before using instrument.

- DIGITAL READOUT (ALL ELEMENTS OPERATIONAL)
- TEMPERATURE OF ALCO SENSOR (10°C - 40°C)
- PRINTER WORKING PROPERLY
- TIME AND DATE DISPLAYING PROPERLY

BREATH ALCOHOL ACCURACY STANDARDS

<input type="checkbox"/> SIMULATOR SOLUTION	<input checked="" type="checkbox"/> COMPRESSED ETHANOL-GAS MIXTURE
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<input checked="" type="checkbox"/> STANDARD SUPPLIER <u>GOETH LABS</u>	LOT # <u>168816</u>	EXP. DATE <u>06 04 17</u>
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<input type="checkbox"/> SIMULATOR TEMPERATURE (34°C ± 0.2°C)	SIMULATOR SN	SIMULATOR EXP DATE
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- CALIBRATION CHECK - (ONLY ONE STANDARD IS TO BE USED PER MAINTENANCE REPORT)
Run three tests using a standard solution. All three tests must be within ±5% of the standard value and must have a spread of .005 or less. Check the box corresponding to the standard solution being used. (PRINTOUT ATTACHED)
- 0.100% STANDARD - MUST READ BETWEEN 0.095% and 0.105% INCLUSIVE
- 0.080% STANDARD - MUST READ BETWEEN 0.076% and 0.084% INCLUSIVE
- 0.040% STANDARD - MUST READ BETWEEN 0.038% and 0.042% INCLUSIVE

TEST 1 = <u>.100</u>	TEST 2 = <u>.100</u>	TEST 3 = <u>.100</u>
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RFI DETECTOR OPERATING

INDICATE THE NUMBER OF BREATH TESTS IN THE FOLLOWING RANGES SINCE THE LAST MAINTENANCE REPORT:
(DO NOT INCLUDE SELF-ADMINISTERED TESTS)

REFUSALS <u>0</u>	(0-.04) <u>0</u>	(.05-.09) <u>0</u>	(.10-.14) <u>0</u>	(.15-.19) <u>0</u>	(OVER .19) <u>0</u>
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List any new parts and describe any alteration or modification that was made to restore the instrument to operate satisfactorily and within established limits (use other side if necessary).

INSTRUMENT PLACED INTO SERVICE. CALIBRATION COMPLETE.

INSPECTING OFFICER

SIGNATURE <u>Terrill Allen</u>	PRINT NAME <u>TERRILL ALLEN</u>
TYPE II PERMIT NUMBER/EXPIRATION DATE <u>220254 09 13 14</u>	TELEPHONE NUMBER <u>(816) 436 3550</u>

Return completed report to the: Breath Alcohol Program, MO Department of Health and Senior Services, Southeast District Office
2875 James Boulevard
Poplar Bluff, MO 63901



CERTIFICATE OF ANALYSIS
EBS - ETHANOL BREATH STANDARD

GUTH LABORATORIES INC
590 NORTH 67TH STREET
HARRISBURG, PA 17111

INVOICE#: 55693667
PO#: 2030940
CUST. ITEM #: DG-U100-10
DATE: Jun. 11, 2014

METHOD OF ANALYSIS: IR Breath Alcohol Analyzer
ANALYTICAL ACCURACY: +/-0.002 BrAC or +/-2% whichever is greater.
CALGAZ LOT#: 1688116
ETHANOL IN NITROGEN

PRODUCT EXPIRATION: Jun. 04, 2017

Table with 3 columns: COMPONENT, PPM, (BrAC). Rows include ETHANOL (260.5 PPM, 0.100 BrAC), NITROGEN (BAL), AVERAGE ANALYTICAL VALUE, and ETHANOL (261.8 PPM, 0.100 BrAC).

Table with 3 columns: REFERENCE STANDARD, CYLINDER, CONCENTRATION PPM. Row: N.M.I. TRACEABLE STANDARDS* (5603479, 208.4).

* CERTIFICATION TRACEABLE TO National Metrology Institute of the Netherlands (V.S.L.) PRM ETHANOL STANDARDS

TRACEABILITY

Preparation: Gas mixtures manufactured with balances calibrated by an ISO 17025 accredited company using NIST traceable weights and meets or exceeds the requirements of NIST Handbook 44. Calibration test CG/01/09/14/DW01, CG/01/09/14/DW02, CG/01/09/14/DW03, or CG/01/09/14/DW04 dated, 9th January 2014 applies.

Analytical:

Analytical Instruments Calibrated Using NMI Traceable Standards. Certification Numbers: 3222253-01, 3222399, 3222311, 3222450-01, 3222450-02, 3221852-04

No affecting environmental conditions during analysis.

*NMI is recognized by NIST through the Mutual Recognition Agreement (CIPM MRA). CALGAZ calibration devices were found to meet all applicable requirements of the National Highway Traffic Safety Administration Model Specifications for calibrating units for breath alcohol testers.

MANUFACTURED DATE: Jun. 04, 2014

CALGAZ CYLINDER SIZE: 6D

APPROVED BY :

Handwritten signature

We certify that all the cylinders for the Lot numbers identified herein are manufactured and tested within the requirements of CFR 49 part 178.65 and that physical and chemical test reports are on file and copies will be furnished upon request.

AS IV Serial no: 184299
Version no: 532B

TEST RECORD 88026

Temp Date Time 2'31

Air Blank
28/11/14 15:01 .999
Calibration Check
27 28/11/14 15:01 .194

Subject Name

Subject I.D.

Operator Name, I.D.

J. Allen 8865

Location

AS IV Serial no: 184299
Version no: 532B

TEST RECORD 88027

Temp Date Time 2'31

Air Blank
28/11/14 15:09 .999
Calibration Check
27 28/11/14 15:09 .194

Subject Name

Subject I.D.

J. Allen 8865

Operator Name, I.D.

Location

AS IV Serial no: 184299
Version no: 532B

TEST RECORD 88028

Temp Date Time 2'31

Air Blank
28/11/14 15:09 .999
Calibration Check
27 28/11/14 15:09 .194

Subject Name

Subject I.D.

J. Allen 8865

Operator Name, I.D.

Location

AS IV Serial no: 184299
Version no: 532B

TEST RECORD 88029

Temp Date Time 2'31

Air Blank
28/11/14 15:09 .999

Calibration Check

27 28/11/14 15:09 .194

Subject Name

J. Allen 8865

Subject I.D.

Operator Name, I.D.

Location

State of Missouri
DEPARTMENT OF HEALTH



P E R M I T
TYPE II



TERRILL D ALLEN

Is hereby authorized to instruct and supervise operators, train instructors, inspect, calibrate, perform field repairs, and operate the following breath analyzer(s):

INTOXILYZER 5000; ALCO-SENSOR IV W/PRINTER

for the determination of the alcoholic content of blood from a sample of expired (alveolar) air. Issued under the provisions of sections 577.020 through 577.041, RSMo 1986.

Date 09/13/2012

Number 220258

Expires 09/13/2014

Director of State Public Health Laboratory

Director, Department of Health