



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

RECEIVED
 By Carol Day at 2:44 pm, Dec 03, 2014

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 105448	PRINTER SN 09B.3591.016	DATE OF INSPECTION 12/01/2014
LOCATION OF INSTRUMENT (STREET AND CITY) 110 West 3rd Street Holden, Mo.		TIME OF INSPECTION 10:33 am

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

- SIMULATOR SOLUTION COMPRESSED ETHANOL-GAS MIXTURE

STANDARD SUPPLIER Guth Labs. LOT # 14200 EXP. DATE 08/05/2016

SIMULATOR TEMPERATURE (34°C ± 0.2°C) 34 SIMULATOR SN SD2252 SIMULATOR EXP DATE 02/03/2015

- 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 .102 TEST 2 .101 TEST 3 .099

- 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	0	(0-.04)	0	(.05-.09)	0	(.10-.14)	0	(.15-.19)	0	(OVER .19)	0
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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).

INSPECTING OFFICER

SIGNATURE 	PRINT NAME Thomas L. Wehr
TYPE II PERMIT NUMBER/EXPIRATION DATE 220428 / 12-27-2014	TELEPHONE NUMBER (816) 850-4154

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



GUTH LABORATORIES, INC.

590 NORTH 67th STREET • HARRISBURG, PA 17111-4511 • TELEPHONE: 717-564-5470

CERTIFICATE OF ANALYSIS

Certified Alcohol Reference Solution for Simulator

Random Samples of Lot Number 14200 of Alcohol Reference Solution for Simulator were analyzed by gas chromatography on August 6, 2014, using a Perkin Elmer Gas Chromatograph Autosystem XL S/N: 610N9030209, and found to contain 0.1213% (w/vol) ethyl alcohol. The expiration date for this lot number is August 5, 2016 at 11:59 PM.

When used in a calibrated Simulator, operating at 34°C +/- .2°C, this solution will give a breath alcohol analysis instrument reading of 0.100 g/210L +/- 3%.

The alcohol and water used in this solution were free of test interfering substances.

Ted L. Pauley, President
GUTH LABORATORIES, INC.

NIST Traceability:

Testing was conducted using Cerilliant Reference Standard lot number FN122211-02 whose values are traceable to NIST.

All balances are calibrated annually by an outside agency using NIST traceable weights. Calibration verification is done prior to each use utilizing NIST traceable weights.

AS IV Serial no: 105448
Version no: 532B

TEST RECORD 00235

Temp Date Time ^{s/} 210L

Air Blank:
12/01/14 10:34 .000
Calibration Check:
18 12/01/14 10:34 .101

Subject Name

Subject I.D.

Operator Name, I.D.

Tom Wehr 306

Location

HPD

AS IV Serial no: 105448
Version no: 532B

TEST RECORD 00234

Temp Date Time ^{s/} 210L

Air Blank:
12/01/14 10:33 .000
Calibration Check:
17 12/01/14 10:33 .102

Subject Name

Subject I.D.

Operator Name, I.D.

Tom Wehr 306

Location

HPD

AS IV Serial no: 105448
Version no: 532B

TEST RECORD 00237

Temp Date Time ^{s/} 210L

VOID: RFI
12 12/01/14 10:37

Subject Name

Subject I.D.

Operator Name, I.D.

Tom Wehr 306

Location

HPD

AS IV Serial no: 105448
Version no: 532B

TEST RECORD 00236

Temp Date Time ^{s/} 210L

Air Blank:
12/01/14 10:35 .000
Calibration Check:
18 12/01/14 10:35 .099

Subject Name

Subject I.D.

Operator Name, I.D.

Tom Wehr 306

Location

HPD

State of Missouri
DEPARTMENT OF HEALTH



P E R M I T
TYPE II



THOMAS L WEHR

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

DATAMASTER; 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 12/27/2012

Number 220435

Expires 12/27/2014

Director of State Public Health Laboratory

ACTING DIRECTOR

Director, Department of Health