



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.

RECEIVED
 By Carol Day at 6:33 am, Feb 10, 2015

ALCO SENSOR IV SN 100289	PRINTER SN 093.3563.017	DATE OF INSPECTION 02/03/2015
LOCATION OF INSTRUMENT (STREET AND CITY) Holden Police Department 110 West 3rd street Holden, Mo 64040		TIME OF INSPECTION 4:56 pm

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 02/03/2016

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 • .104

TEST 2 • .103

TEST 3 • .103

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).

New instrument placed in service

INSPECTING OFFICER

SIGNATURE

PRINT NAME
 Chief Richard Martin

TYPE II PERMIT NUMBER/EXPIRATION DATE
 240446 12/24/2016

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: 100289
Version no: 532B

TEST RECORD 00003

Temp Date Time ^{s/} 210L

Air Blank:
02/03/15 16:56 .000

Calibration Check:
20 02/03/15 16:56 .104

Subject Name

TEST #1

Subject I.D.

R. H. MARTIN #31

Operator Name, I.D.

Helen P.D

Location

AS IV Serial no: 100289
Version no: 532B

TEST RECORD 00004

Temp Date Time ^{s/} 210L

Air Blank:
02/03/15 16:57 .000

Calibration Check:
21 02/03/15 16:57 .103

Subject Name

TEST #2

Subject I.D.

R. H. MARTIN #31

Operator Name, I.D.

Helen P.D

Location

AS IV Serial no: 100289
Version no: 532B

TEST RECORD 00005

Temp Date Time ^{s/} 210L

Air Blank:
02/03/15 16:59 .000

Calibration Check:
22 02/03/15 16:59 .103

Subject Name

TEST #3

Subject I.D.

R. H. MARTIN #31

Operator Name, I.D.

Helen P.D

Location

AS IV Serial no: 100289
Version no: 532B

TEST RECORD 00006

Temp Date Time ^{s/} 210L

VOID: RFI
12 02/03/15 17:00

Subject Name

R. F. E. Church

Subject I.D.

R. H. MARTIN #31

Operator Name, I.D.

Helen P.D