



ALCO-SENSOR IV WITH PRINTER MAINTENANCE REPORT

RECEIVED
By Carol Day at 7:50 am, Feb 02, 2015

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

ALCO SENSOR IV SN 100291	PRINTER SN 093.3563.019	DATE OF INSPECTION 01/16/2015
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LOCATION OF INSTRUMENT (STREET AND CITY) 700 West Main Street, Willow Springs	TIME OF INSPECTION 6:03 am
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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) 24

PRINTER WORKING PROPERLY

TIME AND DATE DISPLAYING PROPERLY 01/16/15 06:03

BREATH ALCOHOL ACCURACY STANDARDS

SIMULATOR SOLUTION COMPRESSED ETHANOL-GAS MIXTURE

STANDARD SUPPLIER Guth Labs LOT # 13280 EXP. DATE 10/16/2015

SIMULATOR TEMPERATURE (34°C ± 0.2°C) 34.0c SIMULATOR SN SD2239 SIMULATOR EXP DATE 06/05/2015

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 ← .099	TEST 2 ← .100	TEST 3 ← .100
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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	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 Bryan Wickham
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TYPE II PERMIT NUMBER/EXPIRATION DATE 240300 07/15/2016	TELEPHONE NUMBER (417) 469-3158
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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.

686 NORTH 67th STREET • HARRISBURG, PA 17111-2811 • TELEPHONE: 717-624-5670

CERTIFICATE OF ANALYSIS

Certified Alcohol Reference Solution for Simulator

Random Samples of Lot Number 13280 of Alcohol Reference Solution for Simulator were analyzed by gas chromatography on October 18, 2013, using a Perkin Elmer Gas Chromatograph Autosystem XL S/N: 610N9030209, and found to contain 0.1217% (w/vol) ethyl alcohol. The expiration date for this lot number is October 16, 2015 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: 100291
Version no: 527D

TEST RECORD 50874

TEMP Date Time 2:01

Air Bank: 01/15/15 06:03 .900

Calibration Check: 25 01/15/15 06:03 .010

Subject Name

Subject I.D.

Operator Name, I.D.

Location Wickham 405

AS IV Serial no: 100291
Version no: 527D

TEST RECORD 50875

TEMP Date Time 2:01

Air Bank: 01/15/15 06:04 .900

Calibration Check: 25 01/15/15 06:04 .100

Subject Name

Subject I.D.

Operator Name, I.D.

Location Wickham 405

AS IV Serial no: 100291
Version no: 527D

TEST RECORD 50876

TEMP Date Time 2:51L

Air Bank: 01/16/15 06:06 .200

Calibration Check: 25 01/16/15 06:06 .100

Subject Name

Subject I.D.

Operator Name, I.D.

Location Wickham 405

AS IV Serial no: 100291
Version no: 527D

TEST RECORD 50877

TEMP Date Time 2:01L

USING RTI 12 01/16/15 06:07

Subject Name

Subject I.D.

Operator Name, I.D.

Location Wickham 405



STATE OF MISSOURI
 DEPARTMENT OF HEALTH AND SENIOR SERVICES
 BREATH ALCOHOL PROGRAM



**PERMIT
 TYPE II**

BRYAN K WICKHAM

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

ALCO-SENSOR IV WITH PRINTER

for the determination of the alcoholic content of blood from a sample of expired air. Permit issued under the provisions of sections 577.020 through 577.041, RSMo and 306.111 through 306.119 RSMo.

DATE 7/15/2014

NUMBER 240300

EXPIRES 7/15/2016

DIRECTOR OF STATE PUBLIC HEALTH LABORATORY

DIRECTOR OF DEPARTMENT OF HEALTH AND SENIOR SERVICES

MO 580-0771 (6-10)

LAB-4 (R6-10)



STATE OF MISSOURI
 DEPARTMENT OF HEALTH AND SENIOR SERVICES
 BREATH ALCOHOL PROGRAM

INSTRUMENT OPERATOR CARD

The named cardholder is authorized to operate an evidential breath alcohol instrument for the determination of the alcoholic content in breath form of expired air in Missouri.



Operator WICKHAM, BRYAN
 Permit No 240300
 Date Issued 7/15/2014 Date Expires 7/15/2016