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

RECEIVED
By Carol Day at 3:12 pm, Apr 01, 2016

Complete this report in duplicate at the time of the regular monthly preventative [illegible]
Send copy to Department of Health and Senior Services; retain original in department file.

ALCO SENSOR IV SN	PRINTER SN	DATE OF INSPECTION
030791	84.9324.152	04/01/2016

LOCATION OF INSTRUMENT (STREET AND CITY)	TIME OF INSPECTION
Hazelwood Police Department BAT Van	12:51 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 Laboratories LOT # 14220 EXP. DATE 09/24/2016

☑ SIMULATOR TEMPERATURE (34°C ± 0.2°C) 34.0 SIMULATOR SN SD2742 SIMULATOR EXP DATE 11/09/2016

☑ 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	TEST 2	TEST 3
.101	.100	.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-.04)	(.05-.09)	(.10-.14)	(.15-.19)	(OVER .19)
0	0	0	0	0	0

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 time changed for Daylight Savings. No alterations or modifications have been made. Simulator solution bottle number 1019.

INSPECTING OFFICER

SIGNATURE	PRINT NAME
Norman Mars	Norman Mars
TYPE II PERMIT NUMBER/EXPIRATION DATE	**TELEPHONE NUMBER**
250243, 11-6-2017	314-513-5269

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.
150 NORTH 57th STREET • HARRISBURG, PA 17111-4311 • TELEPHONE: 717-544-4373

CERTIFICATE OF ANALYSIS

Certified Alcohol Reference Solution for Simulator

Random Samples of Lot Number 14220 of Alcohol Reference Solution for Simulator were analyzed by gas chromatography on September 25, 2014, using a Perkin Elmer Gas Chromatograph Autosystem XL S/N: 610N9030209, and found to contain 0.1209% (w/vol) ethyl alcohol. The expiration date for this lot number is September 24, 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 FN03051301 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: 030791
Version no: 532B

TEST RECORD 00160

Temp	Date	Time	s/ 210L
Air Blank:			
	04/01/16	12:51	.000
Calibration Check:			
20	04/01/16	12:51	.101

Subject Name
B.A. MAINT.

Subject I.D.
N/A

Operator Name, I.D.
SGT. NORMAN MARS, 273

Location
HAZELWOOD PD

BAT VAN

AS IV Serial no: 030791
Version no: 532B

TEST RECORD 00161

Temp	Date	Time	s/ 210L
Air Blank:			
	04/01/16	12:53	.000
Calibration Check:			
21	04/01/16	12:53	.100

Subject Name
B.A. MAINT.

Subject I.D.
N/A

Operator Name, I.D.
SGT. NORMAN MARS 273

Location
HAZELWOOD PD

BAT VAN

AS IV Serial no: 030791
Version no: 532B

TEST RECORD 00162

Temp	Date	Time	s/ 210L
Air Blank:			
	04/01/16	12:54	.000
Calibration Check:			
22	04/01/16	12:54	.099

Subject Name
B.A. MAINT.

Subject I.D.
N/A

Operator Name, I.D.
SGT. NORMAN MARS, 273

Location
HAZELWOOD PD.

BAT VAN

AS IV Serial no: 030791
Version no: 532B

TEST RECORD 00163

Temp	Date	Time	s/ 210L
VOID: RFI			
12	04/01/16	12:55	

Subject Name
B.A. MAINT.

Subject I.D.
N/A

Operator Name, I.D.
SGT. NORMAN MARS, 273

Location
HAZELWOOD PD.

BAT VAN

Missouri Department of Health and Senior Services
P.O. Box 570, Jefferson City, MO 65102-0570 Phone: 573-751-6400 FAX: 573-751-6010
RELAY MISSOURI for Hearing and Speech Impaired 1-800-735-2966 VOICE 1-800-735-2466
Gail Vasterling
Director

Jeremiah W. (Jay) Nixon
Governor

Missouri Department of Health and Senior Services Breath Alcohol Program

SIMULATOR CALIBRATION REPORT

This is to certify that the simulator listed below has been examined and tested using standards traceable to the National Institute of Standards and Technology (NIST) in accordance to the standards set by the Rules of Missouri Department of Health and Senior Services, 19 CSR 25-30.

SIMULATOR INFORMATION

Agency: HAZELWOOD PD

Serial Number: SD2742

Manufacturer: Guth

Model Number: 10-4D

CALIBRATION RESULTS

Reference Temperature	Simulator Temperature
33.96	34.0

This calibration was performed with NIST-Traceable Thermometer SN: 093752

This simulator was tested by: RWW

This testing was performed: 11/09/2015

This certification expires: 11/09/2016

Signature of certifying DHSS Scientist:

Name of certifying DHSS Scientist: Ellen Strawsine

STATE OF MISSOURI

DEPARTMENT OF HEALTH AND SENIOR SERVICES

BREATH ALCOHOL PROGRAM

PERMIT

TYPE II

NORMAN D MARS II

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

ALCO-SENSOR IV WITH PRINTER, INTOX EC/IR II

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 11/6/2015

NUMBER 250243

EXPIRES 11/6/2017

[illegible]

[illegible]

STATE OF MISSOURI

DEPARTMENT OF HEALTH AND SENIOR SERVICES

BREATH ALCOHOL PROGRAM

INSTRUMENT OPERATOR CARD

[illegible]

Operator [illegible]

Permit No 250243

Date Issued 11/6/2015 Date Expires 11/6/2017