MISSOURI DEPARTMENT OF HEALTH AND SENIOR SERVICES
STATE PUBLIC HEALTH LABORATORY

ALCO-SENSOR IV WITH PRINTER MAINTENANCE REPORT

RECEIVED REPORT #7
By Carol Day at 2:08 pm, Feb 19, 2016

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	PRINTER SN	DATE OF INSPECTION
102470	086.3419.040	02/12/2016
LOCATION OF INSTRUMENT (STREET AND CITY)		TIME OF INSPECTION
10405 MO-180 St. Ann		1:43 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 # 15120 EXP. DATE 04/29/2017
- ☑ SIMULATOR TEMPERATURE (34°C ± 0.2°C) 34.0c SIMULATOR SN DR2856 SIMULATOR EXP DATE 10/07/2016
- ☑ 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 ☛ .098	TEST 2 ☛ .098	TEST 3 ☛ .098

- ☑ 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	1	(0-.04)	0	(.05-.09)	0	(.10-.14)	2	(.15-.19)	0	(OVER .19)	1

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).

Operating within DOHSS guidelines.

INSPECTING OFFICER

SIGNATURE ▸	PRINT NAME
SGT. 118	Sgt. Shawn Thiemann
TYPE II PERMIT NUMBER/EXPIRATION DATE	TELEPHONE NUMBER
240401 / 11/13/2016	(314) 427-8000

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

AN EQUAL OPPORTUNITY/AFFIRMATIVE ACTION EMPLOYER
services provided on a nondiscriminatory basis

AS IV Serial no: 102470
Version no: 532B

TEST RECORD 00217

Temp	Date	Time	%/ 210L
Air Blank:			
	02/12/16	13:45	.000
Calibration Check:			
21	02/12/16	13:45	.098

Subject Name
TEST 2
Subject I.D.

Operator Name, I.D.
THIEMANN 240401
Location
10405 MO-180
ST. ANN, MO 63074

AS IV Serial no: 102470
Version no: 532B

TEST RECORD 00218

Temp	Date	Time	%/ 210L
Air Blank:			
	02/12/16	13:46	.000
Calibration Check:			
21	02/12/16	13:46	.098

Subject Name
TEST 3
Subject I.D.

Operator Name, I.D.
THIEMANN 240401
Location
10405 MO-180
ST. ANN, MO 63074

AS IV Serial no: 102470
Version no: 532B

TEST RECORD 00219

Temp	Date	Time	%/ 210L
VOID: RFI			
12	02/12/16	13:48	

Subject Name
TEST RFI
Subject I.D.

Operator Name, I.D.
THIEMANN 240401
Location
10405 MO-180
ST. ANN, MO 63074

AS IV Serial no: 102470
Version no: 532B

TEST RECORD 00216

Temp	Date	Time	%/ 210L
Air Blank:			
	02/12/16	13:43	.000
Calibration Check:			
19	02/12/16	13:43	.098

Subject Name
TEST 1
Subject I.D.

Operator Name, I.D.
THIEMANN 240401
Location
10405 MO-180
ST. ANN, MO 63074

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

CERTIFICATE OF ANALYSIS

Certified Alcohol Reference Solution for Simulator

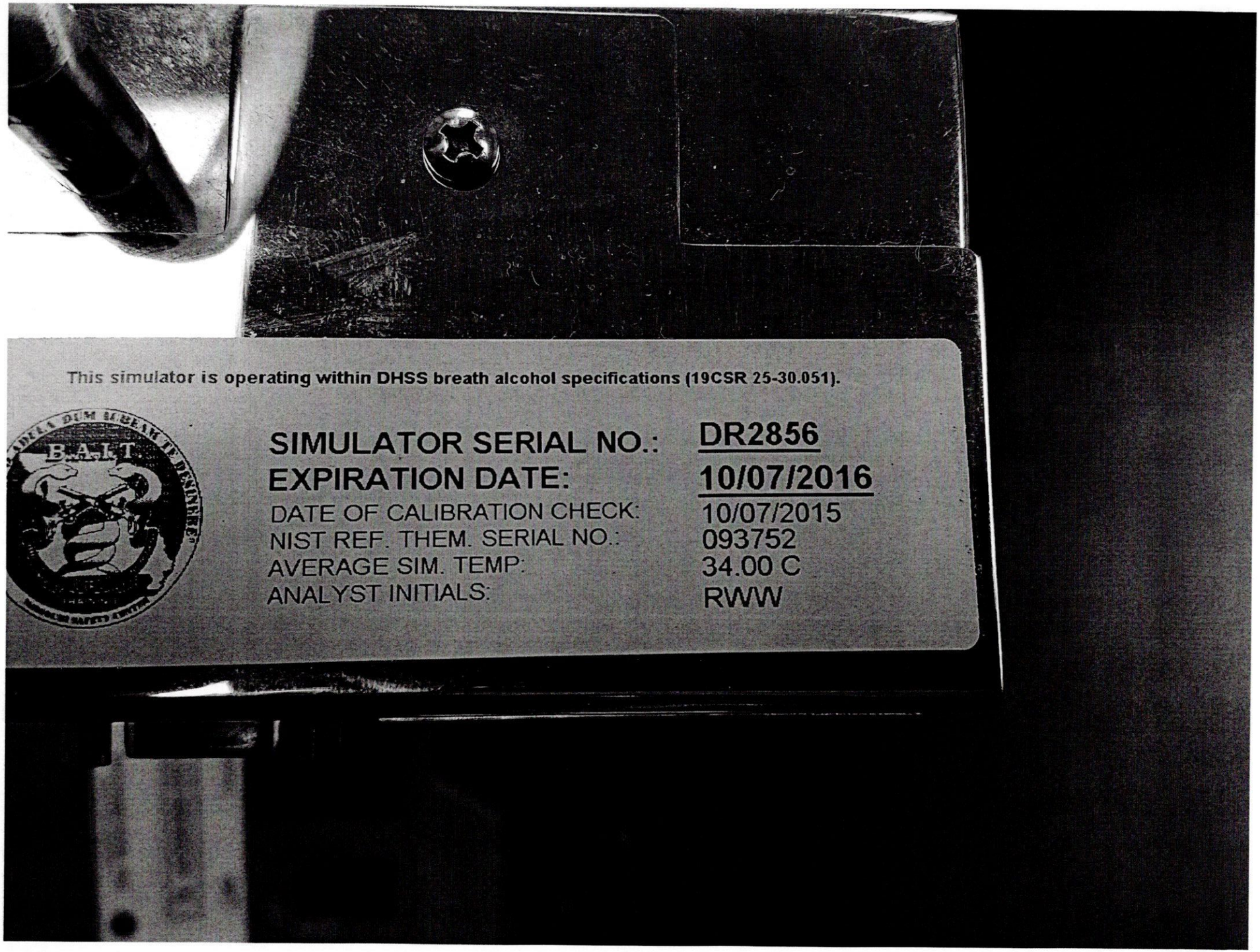
Random Samples of Lot Number **15120** of Alcohol Reference Solution for Simulator were analyzed by gas chromatography on **May 4, 2015,** using a Perkin Elmer Gas Chromatograph Autosystem XL S/N: 610N9030209, and found to contain **0.1209%** (w/vol) ethyl alcohol. The expiration date for this lot number is **April 29, 2017** 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 **FN08051301** 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.


This simulator is operating within DHSS breath alcohol specifications (19CSR 25-30.051).
B.A.I.T.
SIMULATOR SERIAL NO.: DR2856
EXPIRATION DATE: 10/07/2016
DATE OF CALIBRATION CHECK: 10/07/2015
NIST REF. THEM. SERIAL NO.: 093752
AVERAGE SIM. TEMP: 34.00 C
ANALYST INITIALS: RWW

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

2

PERMIT
TYPE II
SHAWN J THIEMANN

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, 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 11/13/2014

NUMBER 240401

EXPIRES 11/13/2016

DIRECTOR OF STATE PUBLIC HEALTH LABORATORY

Gail Vasterling ,acting director
DIRECTOR OF DEPARTMENT OF HEALTH AND SENIOR SERVICES

MO 580-0771 (6-10)

LAB-4 (R6-10)