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

# DATAMASTER MAINTENANCE REPORT

RECEIVED
By Carol Day at 10:14 am, Feb 03, 2014

Complete this report at the time of the regular monthly preventive maintenance check (not to exceed 35 days).
Complete this report whenever the instrument is serviced or repaired and whenever it is placed into service.
Retain the original and send a copy within 15 days to the Breath Alcohol Program, DHSS.

| DATAMASTER SN | NAME OF AGENCY | DATE OF INSPECTION |
|---|---|---|
| 204164 | Cass Co. SO, Harrisonville | 01/27/2014 |
| LOCATION OF INSTRUMENT (STREET AND CITY) | | TIME OF INSPECTION |
| 2920 North Shamrock Road, Jefferson City | | 11:00 |

**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.

- [x] DIAGNOSTIC CHECK (PRINTOUT ATTACHED) — DATE AND TIME (from printout) 01/27/2014 @ 11:00
- [x] COMPUTER — [x] DETECTOR
- [x] PROGRAM — [x] FILTERS
- [x] HEATERS SAMPLE CHAMBER +50°C — [x] QUARTZ STANDARD
- [x] FLOW DETECTOR — [x] CALIBRATION
- [x] PUMP HIGH SPEED — [x] PRINTER
- [x] INDICATOR LIGHTS
- [x] SIMULATOR SOLUTION SUPPLIER Guth Laboratories LOT # 13060 EXP. DATE 02/04/2015
- [x] SIMULATOR TEMP (34°C ± 0.2°C) +34.00°C SIMULATOR SN DR5382 EXP. DATE 12/10/2014
- [x] 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. Mark 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
- [x] 0.040% STANDARD - MUST READ BETWEEN 0.038% AND 0.042% INCLUSIVE

| TEST 1 | TEST 2 | TEST 3 |
|---|---|---|
| .040 | .040 | .040 |

- [x] PERFORM R.F.I. TEST (PRINTOUT ATTACHED)

**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).**

Replaced breath tube. Cleaned five-way valve assembly. Replaced sheared five-way valve retaining screw. Replaced one loosened set screw at five-way valve solenoid assembly and repositioned piston solenoid for proper five-way valve engagement. Blew sample chamber with compressed air. Replaced printer ribbon. Measured and adjusted voltages to electronics where necessary.

**INSPECTING OFFICER**

| SIGNATURE | PRINT FULL NAME |
|---|---|
| Dewayne D. Carver | Dewayne D. Carver |
| TYPE II PERMIT NUMBER / EXPIRATION DATE | TELEPHONE NUMBER |
| 230101 05/28/2015 | (573) 751-4722 |

**RETURN COMPLETED REPORT TO THE:** Breath Alcohol Program, MO Department of Health and Senior Services, Southeast District Office
2875 James Blvd.
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 **13060** of Alcohol Reference Solution for Simulator were analyzed by gas chromatography on **February 7, 2013,** using a Perkin Elmer Gas Chromatograph Autosystem XL S/N: 610N9030209, and found to contain **0.0482%** (w/vol) ethyl alcohol. The expiration date for this lot number is **February 4, 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 **0.040 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 **FN120110-04** 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.*

FACE THIS SIDE DOWN - THIS EDGE IN FIRST

**BAC DataMaster**
Evidence Ticket

MISSOURI STATE HIGHWAY PATROL
BAC DATAMASTER SERIAL NUMBER 204164
01/27/14
11:00

--- DIAGNOSTIC CHECK ---

| | |
|---|---|
| COMPUTER: | OKAY |
| PROGRAM (04-07-2009): | OKAY |
| HEATERS | |
| SAMPLE CHAMBER: | 50c |
| FLOW DETECTOR: | OKAY |
| PUMP | |
| HIGH SPEED: | OKAY |
| DETECTOR: | OKAY |
| FILTERS: | OKAY |
| QUARTZ STANDARD: | OKAY |
| CALIBRATION: | OKAY |

PRINTER TEST
!"#$%&'()*+,-./0123456789:;<=>?@ABCDEFG
HIJKLMNOPQRSTUVWXYZ[\]^_`abcdefghijklmno
pqrstuvwxyz{|}~

OPERATOR SIGNATURE

Card Stock No.
60021

REORDER ALL SUPPLIES FROM N.P.A.S.

FACE THIS SIDE DOWN - THIS EDGE IN FIRST

**BAC DataMaster**
Evidence Ticket

MISSOURI STATE HIGHWAY PATROL
BAC DATAMASTER SERIAL NUMBER 204164
01/27/14

TESTING OFFICER:
CARVER/DEWAYNE/D
OFFICER I.D.: C41
PERMIT NUMBER: 230101
EXPIRATION DATE: 05/28/15
MISCELLANEOUS DATA:
.040 VAPOR ACCURACY CHECK
GUTH LABS LOT 13060 EXP 2/4/2015

--- SUPERVISOR MODE ---

| | | |
|---|---|---|
| BLANK TEST | .000 | 11:03 |
| INTERNAL STANDARD | VERIFIED | 11:03 |
| EXTERNAL STANDARD | .040 | 11:03 |
| BLANK TEST | .000 | 11:04 |
| EXTERNAL STANDARD | .040 | 11:04 |
| BLANK TEST | .000 | 11:05 |
| EXTERNAL STANDARD | .040 | 11:05 |
| BLANK TEST | .000 | 11:06 |

N = 3
SIM. = .1
AVG. = .04

FACE THIS SIDE DOWN - THIS EDGE IN FIRST

**BAC DataMaster**
Evidence Ticket

MISSOURI STATE HIGHWAY PATROL
BAC DATAMASTER SERIAL NUMBER 204164
01/27/14

ARREST TIME: 00:00
SUBJECT NAME:
X
DOB: 01/01/01 SEX: M
STATE/D.L.: XX/X
ARRESTING OFFICER:
X
OFFICER I.D.: X
TESTING OFFICER:
CARVER/DEWAYNE/D
OFFICER I.D.: C41
PERMIT NUMBER: 230101
EXPIRATION DATE: 05/28/15
MISCELLANEOUS DATA:
RFI TEST

--- BREATH ANALYSIS ---

| | | |
|---|---|---|
| BLANK TEST | .000 | 11:08 |
| INTERNAL STANDARD | VERIFIED | 11:08 |
| SUBJECT SAMPLE | .000 | 11:08 |
| RADIO INTERFERENCE | | |

STATE OF MISSOURI

DEPARTMENT OF HEALTH AND SENIOR SERVICES

BREATH ALCOHOL PROGRAM

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# PERMIT

## TYPE II

## DEWAYNE D CARVER

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 W/PRINTER, DATAMASTER, INTOX DMT**

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 05/28/2013

NUMBER 230101

EXPIRES 05/28/2015

DIRECTOR OF STATE PUBLIC HEALTH LABORATORY

Acting Director

DIRECTOR OF DEPARTMENT OF HEALTH AND SENIOR SERVICES

MO 580-0771 (6-10)

LAB-4 (R6-10)