



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

**INTOX DMT MAINTENANCE REPORT**

**RECEIVED**

By Tracy Crews at 11:54 am, Jun 08, 2021

REPORT #1

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.

INTOX DMT SN <b>500186</b>	NAME OF AGENCY <b>Missouri State Highway Patrol</b>	DATE OF INSPECTION <b>06/01/2021</b>
LOCATION OF INSTRUMENT (STREET AND CITY) <b>2920 N. Shamrock, Jefferson City</b>		TIME OF INSPECTION <b>16:12:20</b>

**CHECKLIST:** Place a mark in the box by each item if found to be satisfactory or is operating within established limits. (Write in observed values where determined). Unmarked items must be corrected before using instrument.

<input checked="" type="checkbox"/> <b>DIAGNOSTIC RECORD</b>	
DATE AND TIME <u>06/01/2021 16:12:23</u>	<input checked="" type="checkbox"/> <b>DETECTOR</b>
<input checked="" type="checkbox"/> <b>PROGRAM</b>	<input checked="" type="checkbox"/> <b>FILTER 1</b>
<input checked="" type="checkbox"/> <b>SAMPLE CHAMBER 48.8°C</b>	<input checked="" type="checkbox"/> <b>FILTER 2</b>
<input checked="" type="checkbox"/> <b>BREATH TUBE 48.0°C</b>	<input checked="" type="checkbox"/> <b>FILTER 3</b>
<input checked="" type="checkbox"/> <b>PUMP</b>	<input checked="" type="checkbox"/> <b>INTERNAL STANDARD</b>

**BREATH ANALYZER ACCURACY STANDARDS**

<input type="checkbox"/> <b>SIMULATOR STANDARD</b>	<input checked="" type="checkbox"/> <b>COMPRESSED ETHANOL-GAS MIXTURE</b>
--	---

<input checked="" type="checkbox"/> <b>STANDARD SUPPLIER</b> <u>INTOXIMETERS</u>	<b>LOT #</b> <u>AG102002</u>	<b>EXP. DATE</b> <u>01/20/2023</u>
--	------------------------------	------------------------------------

<input type="checkbox"/> <b>SIMULATOR TEMP (34°C ± 0.2°C)</b> _____	<b>SIM. SN</b> _____	<b>SIM. NIST EXP DATE</b> _____
---	----------------------	---------------------------------

**CALIBRATION CHECK - (ONLY ONE STANDARD IS TO BE USED PER MAINTENANCE REPORT)**  
Run three tests using a standard. 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 being used.

**0.10% STANDARD - MUST READ BETWEEN 0.095% AND 0.105% INCLUSIVE**

**0.08% STANDARD - MUST READ BETWEEN 0.076% AND 0.084% INCLUSIVE**

**0.04% STANDARD - MUST READ BETWEEN 0.038% AND 0.042% INCLUSIVE**

<b>TEST 1: 0.098</b>	<b>TEST 2: 0.098</b>	<b>TEST 3: 0.098</b>
----------------------	----------------------	----------------------

**PERFORM R.F.I. TEST**

**INDICATE THE NUMBER OF BREATH TESTS IN THE FOLLOWING RANGES SINCE THE LAST MAINTENANCE REPORT:**

<b>REFUSALS: 0</b>	<b>0-.04: 0</b>	<b>.05-.09: 0</b>	<b>.10-.14: 0</b>	<b>.15-.19: 0</b>	<b>OVER .19: 0</b>
--------------------	-----------------	-------------------	-------------------	-------------------	--------------------

**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)**

Detector Block Cleaned. Filter Wheel and Internal Standard cleaned. Digital POTs mod performed and Instrument calibrated.

**INSPECTING OFFICER**

SIGNATURE 	PRINT FULL NAME <b>JIMMY L CLEVELAND</b>
---------------	---

TYPE II PERMIT NUMBER <b>210096</b>	EXPIRATION DATE <b>05/18/2023</b>	TELEPHONE NUMBER <b>573-751-4722</b>
--	--------------------------------------	---

**RETURN COMPLETED REPORT TO THE** **Breath Alcohol Program, Missouri Department of Health and Senior Services**  
by mail, fax, or email

CALIBRATION FACTORS

-----  
Missouri State Highway Patrol  
INTOX dmt: 500186  
-----

Date: 05/17/2021  
Time: 13:19:24

OPERATOR NAME:  
JIMMY L CLEVELAND  
PERMIT NUMBER: 290121  
EXPIRATION DATE: 06/13/2021

LOT #: 21080  
SUPPLIER: GUTH  
EXPIRATION: 03/08/2023

Ca	=	0.1000			
ADJ	=	1.009896	0.800	<=	ADJ < 1.200
b1	=	0.0003	0.0000	<=	b1 < 0.0040
b2	=	0.0043	0.0010	<=	b2 < 0.0100
b3	=	0.0006	0.0000	<=	b3 < 0.0040
Xq	=	0.0822	0.0500	<=	Xq < 0.2500
a21	=	1.161294	1.050	<=	a21 < 1.300
a31	=	0.547319	0.300	<=	a31 < 0.800

*9510*



Airgas USA LLC (LAB)

3500 Bernard Street

St. Louis, Mo. 63103

Ph: (314) 533-3100

Fax: (314) 533-7328

## Certificate of Analysis

**Customer Name**

Exclusive Supplier  
Intoximeters, Inc.  
2081 Craig Road  
St. Louis, Mo 63146

**Test Date:** 21-Jan-2021

**Lot # AG102002 Model 108cacd**

**Exp. Date**

20-Jan-2023

**Cyl. Type**

108

**Component**

Ethanol  
Nitrogen

**Certified Concentration**

0.100 ± 2% BrAC (260 ppm)  
Balance

Certification Traceable to N.I.S.T. RGM and to CRM Ethanol Standards:

<u>RGM Serial No.</u>	<u>Concentration</u>	<u>RGM Serial No.</u>	<u>Concentration</u>
EB0010581	392.1 ppm	EB0010603	393.0 ppm
EB0010570	259.8 ppm	EB0010559	258.2 ppm
EB0010285	208.0 ppm	EB0010595	208.3 ppm
EB0010561	103.6 ppm	EB0010562	104.2 ppm
EB0010681	52.12 ppm	EB0010579	52.81 ppm
<u>CRM Serial No.</u>	<u>Concentration</u>	<u>CRM Serial No.</u>	<u>Concentration</u>
CC727481	800.0 ppm	CC727493	390.0 ppm
CC727496	253.0 ppm	CC727498	150.0 ppm

**Analytical Method:** NDIR

Digitally signed by Quality Control  
Date: 2021.01.27 14:59:44 -06:00  
Reason: Dry gas standard certification of analysis  
Location: Airgas USA LLC (Lab)

Approved for Release: \_\_\_\_\_

Rod Marsala

**ISO 17025:2005 A2LA accredited. Certificate Number 3082.06**  
**ISO 17034:2016 A2LA accredited. Certificate Number 3082.07**





## 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 **21080** of Alcohol Reference Solution for Simulator were analyzed by gas chromatography on **March 10, 2021**, using a Perkin Elmer Gas Chromatograph Autosystem XL S/N: 610N9030209, and found to contain **0.1214%** (w/vol) ethyl alcohol. The expiration date for this lot number is **March 8, 2023** at 11:59 PM.

When used in a calibrated Simulator, operating at  $34^{\circ}\text{C} \pm .2^{\circ}\text{C}$ , this solution will give a breath alcohol analysis instrument reading of **0.100 g/210L  $\pm$  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 FN03052002 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.*



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

2

**PERMIT**  
**TYPE II**  
**JIMMY L. CLEVELAND**

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 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 5/18/2021

NUMBER 210096

EXPIRES 5/18/2023

DIRECTOR OF STATE PUBLIC HEALTH LABORATORY

DIRECTOR OF DEPARTMENT OF HEALTH AND SENIOR SERVICES

MO 580-0771 (6-10)

LAB-4 (PG-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 CLEVELAND, JIMMY  
Permit No 210096  
Date Issued 5/18/2021    Date Expires 5/18/2023