



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

**INTOX DMT MAINTENANCE REPORT**

**RECEIVED**

By Tracy Crews at 9:32 am, Mar 09, 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>500054</b>	NAME OF AGENCY <b>Missouri State Highway Patrol</b>	DATE OF INSPECTION <b>03/02/2021</b>
LOCATION OF INSTRUMENT (STREET AND CITY) <b>2920 N. Shamrock, Rd, Jefferson City</b>		TIME OF INSPECTION <b>14:52:11</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>03/02/2021 14:52:13</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 45.8°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>

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

<input checked="" type="checkbox"/> <b>STANDARD SUPPLIER INTOXIMETERS</b>	LOT # <u>AG102002</u>	EXP. DATE <u>01/20/2023</u>
<input type="checkbox"/> <b>SIMULATOR TEMP (34°C ± 0.2°C)</b>	SIM. SN _____	SIM. NIST EXP DATE _____

<input checked="" type="checkbox"/> <b>CALIBRATION CHECK - (ONLY ONE STANDARD IS TO BE USED PER MAINTENANCE REPORT)</b> 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.	
<input checked="" type="checkbox"/> <b>0.10% STANDARD - MUST READ BETWEEN 0.095% AND 0.105% INCLUSIVE</b>	
<input type="checkbox"/> <b>0.08% STANDARD - MUST READ BETWEEN 0.076% AND 0.084% INCLUSIVE</b>	
<input type="checkbox"/> <b>0.04% STANDARD - MUST READ BETWEEN 0.038% AND 0.042% INCLUSIVE</b>	

TEST 1: <b>0.098</b>	TEST 2: <b>0.098</b>	TEST 3: <b>0.098</b>
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<input checked="" type="checkbox"/> <b>PERFORM R.F.I. TEST</b>
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INDICATE THE NUMBER OF BREATH TESTS IN THE FOLLOWING RANGES SINCE THE LAST MAINTENANCE REPORT:

REFUSALS: <b>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>
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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)

Factory services performed. Instrument calibrated and standard change performed.

<b>INSPECTING OFFICER</b>	
SIGNATURE 	PRINT FULL NAME <b>JIMMY L CLEVELAND</b>
TYPE II PERMIT NUMBER <b>290121</b>	EXPIRATION DATE <b>06/13/2021</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



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 108cacc**

**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:

**RGM Serial No.**

EB0010581

**Concentration**

392.1 ppm

EB0010570

259.8 ppm

EB0010285

208.0 ppm

EB0010561

103.6 ppm

EB0010681

52.12 ppm

**RGM Serial No.**

EB0010603

**Concentration**

393.0 ppm

EB0010559

258.2 ppm

EB0010595

208.3 ppm

EB0010562

104.2 ppm

EB0010579

52.81 ppm

**CRM Serial No.**

CC727481

**Concentration**

800.0 ppm

CC727496

253.0 ppm

**CRM Serial No.**

CC727493

**Concentration**

390.0 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

**CERTIFICATE OF ANALYSIS**

**MANUFACTURER AND SUPPLIER: RepCo Marketing Co.**  
**LOT NUMBER: 19001**  
**EXPIRATION DATE: March 12, 2021 at 11:59 p.m.**

RepCo Marketing Co. certifies the following:

RepCo Marketing Co. prepared, tested and supplied Lot Number 19001 of Alcohol Certified Solution for simulators. This solution was manufactured and tested by RepCo Marketing Co., with confirmation by accredited institution, Data Resources Inc., using NIST standards. Random samples were analyzed by Data Resources Inc. utilizing a gas chromatograph and found to contain .1210 gms/dl +/- .003 gms/dl wt/vol ethanol (95% Confidence).

The alcohol and distilled water used in the solution were found to be free of any interfering substance.

This solution will produce a vapor alcohol value of .100 +/- 3% gms/210L breath when heated to 34 Degrees Celsius +/- 0.2 Degrees Celsius in a simulator (95% Confidence).

The date of manufacture for this lot number is March 13, 2019  
The expiration date for this lot number is March 12, 2021 at 11:59 p.m.

This document is a true representation of the original Certificate of Analysis.



Alma Palmer, Operations Manager  
RepCo Marketing Co.

STANDARD CHANGE

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Missouri State Highway Patrol  
INTOX dmt: 500054  
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Date: 03/02/2021  
Time: 14:08:37

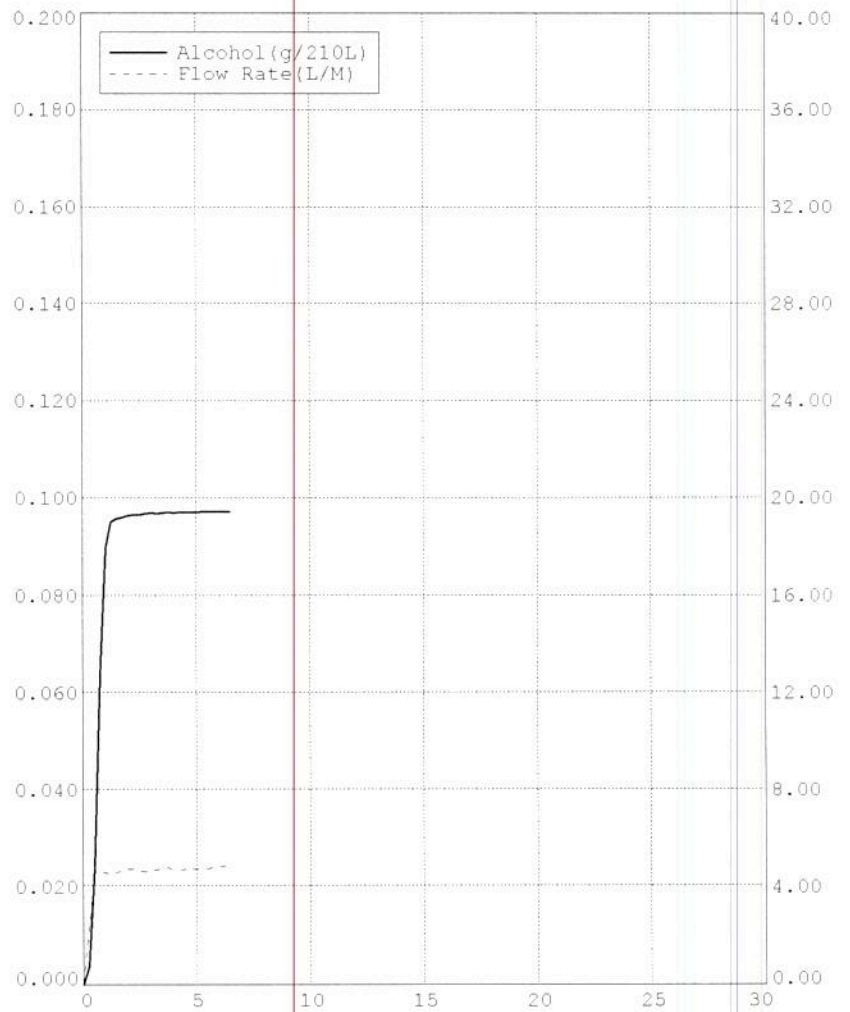
OPERATOR NAME:  
JIMMY L CLEVELAND  
PERMIT NUMBER: 290121  
EXPIRATION DATE: 06/13/2021

LOT #: AG102002  
SUPPLIER: INTOXIMETERS  
EXPIRATION: 01/20/2023  
SIMULATOR TYPE: DRY GAS

STANDARD INFORMATION  
CONCENTRATION: 0.100  
TARGET: 0.098

BLANK TEST	0.000	14:09
INTERNAL STANDARD	VERIFIED	14:09
EXTERNAL STANDARD	0.097	14:09
BLANK TEST	0.000	14:10

Average = 0.0970  
Std Dev = 0.0000  
Spread = 0.0000



*JoX10*

CALIBRATION FACTORS

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INTOX dmt: 500054  
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Date: 03/02/2021  
Time: 09:36:45

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

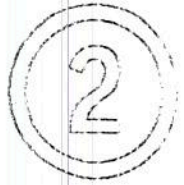
LOT #: 19001  
SUPPLIER: REPCO  
EXPIRATION: 03/12/2021

Ca = 0.1000	
ADJ = 1.014020	0.800 <= ADJ < 1.200
b1 = 0.0023	0.0000 <= b1 < 0.0040
b2 = 0.0070	0.0010 <= b2 < 0.0100
b3 = 0.0018	0.0000 <= b3 < 0.0040
Xq = 0.0837	0.0500 <= Xq < 0.2500
a21 = 1.060058	1.050 <= a21 < 1.300
a31 = 0.463080	0.300 <= a31 < 0.800

*90510*



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



**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 6/13/2019

NUMBER 290121

EXPIRES 6/13/2021

DIRECTOR OF STATE PUBLIC HEALTH LABORATORY

DIRECTOR OF DEPARTMENT OF HEALTH AND SENIOR SERVICES

MO 580-0771 (6-10)

LAB-1 (RE-0)

**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 290121  
Date Issued 6/13/2019    Date Expires 6/13/2021