



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

**INTOX EC/IR II MAINTENANCE REPORT**

REPORT #3

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 EC/IR II SN 12859	NAME OF AGENCY Lincoln County SO	DATE OF INSPECTION 03/02/2020
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LOCATION OF INSTRUMENT (STREET AND CITY) 65 Business Park Drive Troy	TIME OF INSPECTION 00:56 CST
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**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>	
<input checked="" type="checkbox"/> BLANK CHECK	<input checked="" type="checkbox"/> CO2 CHECK
<input checked="" type="checkbox"/> FC 1 TEMP	<input checked="" type="checkbox"/> FLOW CHECK
<input checked="" type="checkbox"/> SRC TEMP	<input checked="" type="checkbox"/> FCB CHECK
<input checked="" type="checkbox"/> DET TEMP	<input checked="" type="checkbox"/> CRC COMP CHECK
<input checked="" type="checkbox"/> BT TEMP	<input checked="" type="checkbox"/> CRC CAL CHECK
<input checked="" type="checkbox"/> STD 2 TEMP	<input checked="" type="checkbox"/> PRINT TEST
<input checked="" type="checkbox"/> ETH CHECK	

<b>BREATH ANALYZER ACCURACY STANDARDS</b>		
<input type="checkbox"/> SIMULATOR SOLUTION	<input checked="" type="checkbox"/> COMPRESSED ETHANOL-GAS MIXTURE	
<input checked="" type="checkbox"/> STANDARD SUPPLIER	Intoximeters Inc.	LOT# AG824102 EXP. DATE 08/29/2020
<input type="checkbox"/> SIMULATOR TEMP (34°C +0.2°C)	SIMULATOR S/N	SIMULATOR 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 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)
<input type="checkbox"/> 0.10% STANDARD - MUST READ BETWEEN 0.095% AND 0.105% INCLUSIVE
<input checked="" type="checkbox"/> 0.08% STANDARD - MUST READ BETWEEN 0.076% AND 0.084% INCLUSIVE
<input type="checkbox"/> 0.04% STANDARD - MUST READ BETWEEN 0.038% AND 0.042% INCLUSIVE

TEST 1 → 0.079 g/210L	TEST 2 → 0.080 g/210L	TEST 3 → 0.079 g/210L
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<b>INDICATE THE NUMBER OF BREATH TESTS IN THE FOLLOWING RANGES SINCE THE LAST MAINTENANCE REPORT:</b>											
REFUSALS	0	0-.04	11	.05-.09	0	.10-.14	1	.15-.19	0	OVER .19	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).

<b>INSPECTING OFFICER</b>	
SIGNATURE 	PRINT FULL NAME KEMP, JEFFREY
TYPE #1 PERMIT NUMBER 290197	EXPIRATION DATE 08/29/2021
	TELEPHONE NUMBER ( 636 ) 528-8546

**RETURN COMPLETED REPORT TO THE:**  
 Breath Alcohol Program, Missouri Department of Health and Senior Services,  
 Southeast District Office, 2875 James Blvd, Poplar Bluff, MO 63901

# Airgas

Airgas USA LLC (LAB)  
3800 Bernard Street  
St. Louis, Mo. 63103  
Ph: (314) 633-3100  
Fax: (314) 633-7328

## Certificate of Analysis

Customer Name  
Exclusive Supplier  
Intoximeters, Inc.  
2081 Craig Road  
St. Louis, Mo. 63148

Test Date: 28-Aug-2018

**Lot # AG824102 Model 108cacc**

Exp. Date  
28-Aug-2020

Cyl. Type  
108

Component  
Ethanol  
Nitrogen

Certified Concentration  
0.080 ± 0.002 BrAC (218 ppm)  
Balance

**Certification Traceable to N.I.B.T. RGM Ethanol Standards:**

Serial No.  
EB0010581  
EB0010570  
EB0010288  
EB0010591  
EB0010681

Concentration  
392.1 ppm  
260.8 ppm  
208.0 ppm  
103.6 ppm  
62.12 ppm

Serial No.  
EB0010503  
EB0010559  
EB0010896  
EB0010662  
EB0010679

Concentration  
393.0 ppm  
268.2 ppm  
208.3 ppm  
104.2 ppm  
62.61 ppm

Analytical Method: NDIR

Expirable Approval by Quality Control  
Date: 2018 on 08/28/2018 10:55:00  
Reference: Intoxim's standard method of analysis  
Customer: Airgas USA LLC (LAB)

Approved for Release:

*Rod Marsala*  
Rod Marsala

ISO 17025:2005 A2LA accredited, Certificate Number 3082.06



MISSOURI DEPARTMENT OF HEALTH AND SENIOR SERVICES  
**BLOOD ALCOHOL TEST REPORT - INTOX EC/IR II**

FORM #13

LOCATION OF INSTRUMENT Lincoln County SO 65 Business Park Drive Troy		INSTRUMENT SERIAL NUMBER 12859	DATE OF TEST 03/02/2020	TIME OF TEST 00:58 CST
SUBJECT NAME NA, NA N			DATE OF BIRTH 01/01/2000	
SEX M	SUBJECT DRIVER'S LICENSE NUMBER 123456		STATE MO	
ARRESTING OFFICER KEMP, JEFFREY		ARRESTING OFFICER ID 414		
OPERATOR KEMP, JEFFREY		OPERATOR PERMIT 290197	PERMIT EXP DATE 08/29/2021	

**OPERATIONAL CHECKLIST: INTOX EC/IR II**

- 1. Examination of mouth conducted. If any substance is observed or indicated to be present, the substance observed or indicated must be removed prior to starting the 15 minute observation period.
- 2. Subject observed for at least 15 minutes by: KEMP, JEFFREY No smoking, oral intake or vomiting during this time; if vomiting occurs, start over with the 15 minute observation period.
- 3. Assure that the power switch is ON and the screen is displaying "PRESS ENTER TO START".
- 4. Press the Enter button.
- 5. Enter subject and officer information.
- 6. When display reads "Please Blow /R", and gives audible beep, insert mouthpiece and take the subject's breath sample.

**SUBJECT TEST RESULTS**

Test	g/210L	Time	Smpl #	Durn (sec)	Vol (cc)	Time
DIAG	Pass	00:58				
BLK	0.000	00:58	1	5.19	2827	00:59
SUBJ	0.000	00:59				
BLK	0.000	01:00				

COMMENTS  
 SELF TEST

**CERTIFICATION BY OPERATOR**

As set forth in the rules promulgated by the Department of Health and Senior Services related to the determination of blood alcohol by breath analysis, I certify that:

BAC  
**0.000 g/210L**

- 1. There was no deviation from the procedure approved by the department.
- 2. To the best of my knowledge the instrument was functioning properly.
- 3. I am authorized to operate the instrument.
- 4. No radio transmission occurred inside the room where and when this test was being conducted.

SIGNATURE OF OPERATOR <i>Det. J. Kemp 414</i>	DATE 3/2/20
WITNESS (IF ANY)	DATE



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

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PERMIT  
TYPE II  
JEFFREY J KEMP

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

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 section 577.020 through 577.041, RSMo and 306.111 through 306.119 RSMo.

DATE 8/29/2019

NUMBER 290197

EXPIRES 8/29/2021

MO 540-0771 (8-10)

DIRECTOR OF STATE PUBLIC HEALTH LABORATORY

DIRECTOR OF DEPARTMENT OF HEALTH AND SENIOR SERVICES

LAB-4 (16-1)

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 from an expired air in Missouri.*

Operator KEMP, JEFFREY  
Permit No 290197  
Date Issued 8/29/2019 Date Expires 8/29/2021