



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 12855 | NAME OF AGENCY Rolla Police Department | DATE OF INSPECTION 10/11/2023 |
| LOCATION OF INSTRUMENT (STREET AND CITY) 1007 N. Elm Street Rolla | | TIME OF INSPECTION 12:03 CDT |

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.

☒ **DIAGNOSTIC RECORD**

| | |
|---|--|
| <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 | |

BREATH ANALYZER ACCURACY STANDARDS

| | | | |
|---|--|--------------------|----------------------|
| <input type="checkbox"/> SIMULATOR SOLUTION | <input checked="" type="checkbox"/> COMPRESSED ETHANOL-GAS MIXTURE | | |
| <input checked="" type="checkbox"/> STANDARD SUPPLIER | INTOXIMETERS | LOT# AG210902 | EXP. DATE 04/19/2024 |
| <input type="checkbox"/> SIMULATOR TEMP (34°C ±0.2°C) | SIM. SN | SIM. NIST EXP DATE | |

☒ **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.

- ☒ 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

| | | |
|---------------------|---------------------|---------------------|
| TEST 1 0.100 g/210L | TEST 2 0.101 g/210L | TEST 3 0.102 g/210L |
|---------------------|---------------------|---------------------|

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

| | | | | | | | | | | | |
|----------|---|-------|---|---------|---|---------|---|---------|---|----------|---|
| REFUSALS | 0 | 0-.04 | 0 | .05-.09 | 1 | .10-.14 | 0 | .15-.19 | 1 | 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).

INSPECTING OFFICER

| | |
|---------------------------------|--------------------------------------|
| SIGNATURE | PRINT FULL NAME NIX, JOSHUA |
| TYPE II PERMIT NUMBER 220199 | TELEPHONE NUMBER (573) 308-1213 |
| EXPIRATION DATE 08/19/2024 | |

RETURN COMPLETED REPORT TO THE:

Breath Alcohol Program, Missouri Department of Health and Senior Services,
by mail, fax, or e-mail



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: 20-Apr-2022

Lot # AG210902 **Model** 108

| | | | |
|--------------------------------|-------------------------|---|---|
| Exp Date 19-Apr-2024 | Cyl. Type 108 | Component Ethanol Nitrogen | Certified Concentration 0.100 ± 2% BrAC (272 ppm) |
|--------------------------------|-------------------------|---|---|

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

| | |
|-----------------------|----------------------|
| RGM Serial No. | Concentration |
| EB0010581 | 391.8 ppm |
| EB0010570 | 259.8 ppm |
| EB0010285 | 209.0 ppm |
| EB0010561 | 103.7 ppm |
| EB0010681 | 52.22 ppm |

| | |
|-----------------------|----------------------|
| RGM Serial No. | Concentration |
| EB0010603 | 392.5 ppm |
| EB0010559 | 258.9 ppm |
| EB0010562 | 104.2 ppm |
| EB0010579 | 52.94 ppm |

| | |
|-----------------------|----------------------|
| CRM Serial No. | Concentration |
| CC727481 | 800.0 ppm |
| CC727496 | 253.0 ppm |

| | |
|-----------------------|----------------------|
| CRM Serial No. | Concentration |
| CC727493 | 390.0 ppm |
| CC727498 | 150.0 ppm |

Analytical Method: NDIR

Digitally signed by: Quality Control
Reason: Dry gas standard certification of analysis
Location: Airgas USA LLC (Lab)
Date: 04.21.2022 14:54

Approved for Release:

Rod Marsala

ISO 17025:2017 A2LA accredited. Certificate Number 3082.06
ISO 17034:2016 A2LA accredited. Certificate Number 3082.07



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

2

PERMIT
TYPE II
JOSHUA C. NIX

is hereby authorized to instruct and supervise operators, train instructors, inspect, calibrate, perform field service and repairs, 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 sections 577.020 through 577.041, RSMo and 306.111 through 306.119 RSMo.

DATE 8/19/2022

NUMBER 220199

EXPIRES 8/19/2024

Mike Massman

DIRECTOR OF STATE PUBLIC HEALTH LABORATORY

Daniel F. Richardson

DIRECTOR OF DEPARTMENT OF HEALTH AND SENIOR SERVICES

MO 580-0771 (6-10)

LAB-4 (16-10)



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 NIX, JOSHUA

Permit No 220199

Date Issued 8/19/2022 Date Expires 8/19/2024

