

**RECEIVED**

By Stephen Wilson at 2:54 pm, Oct 01, 2020



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<br>12701 | NAME OF AGENCY<br>OVERLAND POLICE DEPT | DATE OF INSPECTION<br>10/01/2020 |
|----------------------------|--|----------------------------------|

|   |                                 |
|---|---------------------------------|
| LOCATION OF INSTRUMENT (STREET AND CITY)<br>2410 GOODALE OVERLAND | TIME OF INSPECTION<br>13:53 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 AIRGAS | LOT# AG925509 EXP. DATE 05/12/2021                                 |
| <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 → 0.099 g/210L | TEST 3 → 0.099 g/210L |
|-----------------------|-----------------------|-----------------------|

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

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

**INSPECTING OFFICER**

|                                 |                                      |
|---------------------------------|--------------------------------------|
| SIGNATURE<br>PO Gracanic 599    | PRINT FULL NAME<br>GRACANIN, ENES    |
| TYPE II PERMIT NUMBER<br>200050 | TELEPHONE NUMBER<br>( 314 ) 428-1221 |
| EXPIRATION DATE<br>01/10/2022   |                                      |

**RETURN COMPLETED REPORT TO THE:**

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



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

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**PERMIT**  
**TYPE II**  
**ENES GRACANIN**

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 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 1/10/2020

NUMBER 200050

EXPIRES 1/10/2022

DIRECTOR OF STATE PUBLIC HEALTH LABORATORY

DIRECTOR OF DEPARTMENT OF HEALTH AND SENIOR SERVICES

MO 580-0771 (6-10)

LAB-4 (R6-10)

**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 GRACANIN, ENES  
 Permit No 200050  
 Date Issued 1/10/2020    Date Expires 1/10/2022



an Air Liquide company

Airgas Specialty Gases  
Airgas USA, LLC  
6141 Easton Road  
Bldg 1  
Plumsteadville, PA 18949  
Airgas.com

# CERTIFICATE OF ANALYSIS

## Grade of Product: EPA Protocol

|                  |                           |                     |                  |
|------------------|---------------------------|---------------------|------------------|
| Part Number:     | E02NI99E15A0117           | Reference Number:   | 160-401526342-1  |
| Cylinder Number: | 7                         | Cylinder Volume:    | 144.4 Cubic Feet |
| Laboratory:      | 124 - Plumsteadville - PA | Cylinder Pressure:  | 2015 PSIG        |
| PGVP Number:     | A12019                    | Valve Outlet:       | 330              |
| Gas Code:        | H2S,BALN                  | Certification Date: | Jun 12, 2019     |

Expiration Date: Jun 12, 2022

Certification performed in accordance with "EPA Traceability Protocol for Assay and Certification of Gaseous Calibration Standards (May 2012)" document EPA 600/R-12/531, using the assay procedures listed. Analytical Methodology does not require correction for analytical interference. This cylinder has a total analytical uncertainty as stated below with a confidence level of 95%. There are no significant impurities which affect the use of this calibration mixture. All concentrations are on a volume/volume basis unless otherwise noted.

Do Not Use This Cylinder below 100 psig, i.e. 0.7 megapascals.

### ANALYTICAL RESULTS

| Component        | Requested Concentration | Actual Concentration | Protocol Method | Total Relative Uncertainty | Assay Dates            |
|------------------|-------------------------|----------------------|-----------------|----------------------------|------------------------|
| HYDROGEN SULFIDE | 240.0 PPM               | 240.0 PPM            | G1              | +/- 2%                     | 06/12/2019, 06/12/2019 |
| NITROGEN         | Balance                 |                      |                 | -                          |                        |

### CALIBRATION STANDARDS

| Type | Lot ID | Cylinder No | Concentration                       | Uncertainty | Expiration Date |
|------|--------|-------------|-------------------------------------|-------------|-----------------|
| GMIS | 12346  | CC207769    | 311.3 PPM HYDROGEN SULFIDE/NITROGEN | +/- 0.6%    | Sep 21, 2019    |
| RGM  | 12346  | CC281664    | 298.2 PPM HYDROGEN SULFIDE/NITROGEN | +/- 0.5%    | Nov 12, 2017    |

The SRM, PRM or RGM noted above is only in reference to the GMIS used in the assay and not part of the analysis.

### ANALYTICAL EQUIPMENT

| Instrument/Make/Model | Analytical Principle | Last Multipoint Calibration |
|-----------------------|----------------------|-----------------------------|
| AMETEK 92E-921-S411   | NDUV                 | Jun 03, 2019                |

Triad Data Available Upon Request



Signature on file

Approved for Release