

TLN

# INTOX EC/IR II Quality Assurance Worksheet

Instrument Serial Number **010558** Worksheet Start Date **8/15/2014**  
 Location *Newport TLN 8/15/14*  
~~Newport News PD North~~  
 Address **368 Deshazor Dr Newport News VA 23608**  
 DFS Technician **Timmy Neece, Jr** License No. **25387**  
 Laboratory  On-Site

Site Specification: No detrimental environmental conditions exist.

Instrument Barometer (mm HG) **762** Reference Barometer (mm HG) **767**  
 Reference Barometer(RB)Serial # **009111** RB Calibration Due **5/19/2015**

### Measurement Assurance Check

|                             |                  |                   |                   |                 |       |
|-----------------------------|------------------|-------------------|-------------------|-----------------|-------|
| <b>Standard (sea level)</b> | <b>PA Target</b> | <b>minimum</b>    | <b>maximum</b>    | <b>Sample 1</b> | 0.309 |
| 0.300                       | 0.303            | 0.293             | 0.312             | <b>Sample 2</b> | 0.307 |
| <b>Precision</b>            |                  | <b>sample min</b> | <b>sample max</b> | <b>Sample 3</b> | 0.306 |
| 0.003                       |                  | 0.306             | 0.309             |                 |       |

|                             |                  |                   |                   |                 |  |
|-----------------------------|------------------|-------------------|-------------------|-----------------|--|
| <b>Standard (sea level)</b> | <b>PA Target</b> | <b>minimum</b>    | <b>maximum</b>    | <b>Sample 1</b> |  |
| 0.100                       |                  | -0.003            | 0.003             | <b>Sample 2</b> |  |
| <b>Precision</b>            |                  | <b>sample min</b> | <b>sample max</b> | <b>Sample 3</b> |  |
| 0                           |                  | 0.000             | 0.000             |                 |  |

Dry gas standard Lot No. (with tank no.)

- Replaced dry gas standard (+O-ring)
- Installed at Location
- Removed to DFS-Central

Supplies  
 Mouthpieces  
 Certificates of Analysis  
 Operator Worksheet  
 Other:

### Notes:

Unable to complete installation (regulator).

Instrument Serial Number

010558

Certification Date

Calibrated

Certified

Measurement Assurance Check

Instrument Test

Troubleshooting/Maintenance Worksheet Completed

(Successful completion denotes satisfactory condition of the item.)

|                      |           |            |            |          |
|----------------------|-----------|------------|------------|----------|
| Standard (sea level) | PA Target | minimum    | maximum    | Sample 1 |
| 0.250                |           | 0.000      | 0.000      | Sample 2 |
| Precision            |           | sample min | sample max | Sample 3 |
| 0                    |           | 0.000      | 0.000      |          |

|                      |           |            |            |          |
|----------------------|-----------|------------|------------|----------|
| Standard (sea level) | PA Target | minimum    | maximum    | Sample 1 |
| 0.150                |           | 0.000      | 0.000      | Sample 2 |
| Precision            |           | sample min | sample max | Sample 3 |
| 0                    |           | 0.000      | 0.000      |          |

|                      |           |            |            |          |
|----------------------|-----------|------------|------------|----------|
| Standard (sea level) | PA Target | minimum    | maximum    | Sample 1 |
| 0.080                |           | -0.003     | 0.003      | Sample 2 |
| Precision            |           | sample min | sample max | Sample 3 |
| 0                    |           | 0.000      | 0.000      |          |

|                      |           |            |            |          |
|----------------------|-----------|------------|------------|----------|
| Standard (sea level) | PA Target | minimum    | maximum    | Sample 1 |
| 0.020                |           | -0.003     | 0.003      | Sample 2 |
| Precision            |           | sample min | sample max | Sample 3 |
| 0                    |           | 0.000      | 0.000      |          |

All measurements are in g/210L

Estimation of Uncertainty of Measurement and traceability records are located within the Breath Alcohol Section

DFS Technician

Date

8/18/14

Issuing Analyst

Date

8/18/14

*mmb*

TLN

**Intox EC/IR-II: Accuracy Check**

*Department of Forensic Science*

Serial Number: 010558      Test Number: 1358

Test Date: 08/15/2014      Test Time: 11:05 EDT

Dry Gas Target: 0.303

Lot Number: AG334603-04      Exp Date: 12/12/2015

Tank Pressure: 120 psi      Barometric Pressure: 767 mmHg

System Check: *Passed*

| Test | g/210L | Time  |
|------|--------|-------|
| BLK  | 0.000  | 11:05 |
| CHK  | 0.309  | 11:06 |
| BLK  | 0.000  | 11:08 |
| CHK  | 0.307  | 11:09 |
| BLK  | 0.000  | 11:10 |
| CHK  | 0.306  | 11:11 |

Test Status: *Success*

Calibration CRC: 2DF42040