

Department of Forensic Science  
Breath Alcohol Section  
Instrument Location History  
1/1/1990 To 4/25/2014

*HMS*  
*TWN*

**Instrument Serial Number: 010577**

**As of 25-Apr-14**

| <b>Start Date</b> | <b>End Date</b> | <b>Agency Name</b>                |
|-------------------|-----------------|-----------------------------------|
| 24-Apr-14         |                 | Manassas Park PD                  |
| 16-Apr-14         | 24-Apr-14       | DFS Central Lab                   |
| 01-Nov-13         | 16-Apr-14       | Lunenburg County Sheriff's Office |
| 27-Dec-12         | 01-Nov-13       | DFS Central Lab                   |
| 05-Jun-12         | 27-Dec-12       | Fairfax County PD                 |
| 24-May-12         | 05-Jun-12       | DFS Central Lab                   |
| 07-Nov-11         | 24-May-12       | Virginia Beach PD                 |
| 24-Feb-11         | 07-Nov-11       | DFS Central Lab                   |
| 20-Apr-09         | 24-Feb-11       | Chesapeake PD                     |
| 30-Jun-08         | 20-Apr-09       | DFS Central Lab                   |

AMS  
TLW

# INTOX EC/IR II Quality Assurance Worksheet

Instrument Serial Number 010577 Worksheet Start Date 4/24/2014  
 Location Manassas Park Police Department  
 Address 329 Manassas Dr., Manassas Park, VA 20111  
 DFS Technician Heather Stanton License No. 18910

Laboratory  On-Site

Site Specification: No detrimental environmental conditions exist.

Instrument Barometer (mm HG) 759 Reference Barometer (mm HG) 760  
 Reference Barometer(RB)Serial # 009111 RB Calibration Due 5/23/2014

### Measurement Assurance Check

|                             |                  |                   |                   |                 |       |
|-----------------------------|------------------|-------------------|-------------------|-----------------|-------|
| <b>Standard (sea level)</b> | <b>PA Target</b> | <b>minimum</b>    | <b>maximum</b>    | <b>Sample 1</b> | 0.303 |
| 0.300                       | 0.299            | 0.290             | 0.307             | <b>Sample 2</b> | 0.303 |
| <b>Precision</b>            |                  | <b>sample min</b> | <b>sample max</b> | <b>Sample 3</b> | 0.303 |
| 0                           |                  | 0.303             | 0.303             |                 |       |

|                             |                  |                   |                   |                 |       |
|-----------------------------|------------------|-------------------|-------------------|-----------------|-------|
| <b>Standard (sea level)</b> | <b>PA Target</b> | <b>minimum</b>    | <b>maximum</b>    | <b>Sample 1</b> | 0.100 |
| 0.100                       | 0.100            | 0.097             | 0.103             | <b>Sample 2</b> | 0.100 |
| <b>Precision</b>            |                  | <b>sample min</b> | <b>sample max</b> | <b>Sample 3</b> | 0.100 |
| 0                           |                  | 0.100             | 0.100             |                 |       |

Dry gas standard Lot No. (with tank no.) AG320502-12

Replaced dry gas standard (+O-ring)

Installed at Location

Removed to DFS-Central

Supplies  
 Mouthpieces  
 Certificates of Analysis  
 Operator Worksheet  
 Other:

50

Notes:

[Redacted area]

Instrument Serial Number

010577

Certification Date

Calibrated

Certified

Measurement Assurance Check

Instrument Test

Troubleshooting/Maintenance Worksheet Completed

(Successful completion denotes satisfactory condition of the item.)

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

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

|                             |                  |                   |                   |                 |
|-----------------------------|------------------|-------------------|-------------------|-----------------|
| <b>Standard (sea level)</b> | <b>PA Target</b> | <b>minimum</b>    | <b>maximum</b>    | <b>Sample 1</b> |
| 0.080                       |                  | -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             |                 |

|                             |                  |                   |                   |                 |
|-----------------------------|------------------|-------------------|-------------------|-----------------|
| <b>Standard (sea level)</b> | <b>PA Target</b> | <b>minimum</b>    | <b>maximum</b>    | <b>Sample 1</b> |
| 0.020                       |                  | -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             |                 |

All measurements are in g/210L

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

DFS Technician

Heath M Stack

Date

4/25/14

Issuing Analyst

[Signature]

Date

4/28/14

AMS  
TLW

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

*Department of Forensic Science*

Serial Number: 010577      Test Number: 2656  
Test Date: 04/24/2014      Test Time: 10:08 EDT  
Dry Gas Target: 0.299

Lot Number: AG334603-01      Exp Date: 12/12/2015  
Tank Pressure: 463 psi      Barometric Pressure: 758 mmHg  
System Check: *Passed*

| Test | g/210L | Time  |
|------|--------|-------|
| BLK  | 0.000  | 10:09 |
| CHK  | 0.303  | 10:09 |
| BLK  | 0.000  | 10:11 |
| CHK  | 0.303  | 10:12 |
| BLK  | 0.000  | 10:14 |
| CHK  | 0.303  | 10:14 |

Test Status: *Success*

Calibration CRC: 50BF4C92

Handwritten initials/signature in the top right corner.

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

*Department of Forensic Science*

Serial Number: 010577      Test Number: 2657

Test Date: 04/24/2014      Test Time: 10:17 EDT

Dry Gas Target: 0.100

Lot Number: AG320502-12      Exp Date: 07/24/2015

Tank Pressure: 477 psi      Barometric Pressure: 758 mmHg

System Check: *Passed*

| Test | g/210L | Time  |
|------|--------|-------|
| BLK  | 0.000  | 10:17 |
| CHK  | 0.100  | 10:18 |
| BLK  | 0.000  | 10:20 |
| CHK  | 0.100  | 10:20 |
| BLK  | 0.000  | 10:22 |
| CHK  | 0.100  | 10:23 |

Test Status: *Success*

Calibration CRC: 50BF4C92

HMS  
TLN



COMMONWEALTH OF VIRGINIA  
DEPARTMENT OF FORENSIC SCIENCE

CERTIFICATE OF BLOOD ALCOHOL ANALYSIS  
AS DETERMINED BY A CHEMICAL TEST OF THE ACCUSED'S BREATH

|   |                             |
|---|-----------------------------|
| NAME OF ACCUSED<br><b>INSTRUMENT, TEST,</b> | NAME OF COURT<br><b>DFS</b> |
|---|-----------------------------|

BREATH ANALYSIS

|   |                                      |  |
|---|--------------------------------------|--|
| SAMPLE EXAMINED AND TEST CONDUCTED BY<br><b>STANTON, HEATHER, M</b> |                                      | AGENCY<br><b>DFS Central Lab</b>         |
| DFS LICENSE NUMBER<br><b>18910</b>                                  | LICENSE EXPIRES<br><b>10/01/2014</b> | DATE TEST CONDUCTED<br><b>04/24/2014</b> |
| TEST EQUIPMENT NUMBER<br><b>010577</b>                              |                                      |  |

RESULTS: TIME SAMPLE TAKEN 10:30 EDT  
 SAMPLE'S ALCOHOL CONTENT 0.00 GRAMS PER 210 LITERS OF BREATH

ATTEST:

I CERTIFY THAT THE ABOVE IS AN ACCURATE RECORD OF THE TEST CONDUCTED; THAT THE TEST WAS CONDUCTED WITH THE TYPE OF EQUIPMENT AND IN ACCORDANCE WITH THE METHODS APPROVED BY THE DEPARTMENT OF FORENSIC SCIENCE; THAT THE TEST WAS CONDUCTED IN ACCORDANCE WITH THE DEPARTMENT'S SPECIFICATIONS; THAT PRIOR TO ADMINISTRATION OF THE TEST THE ACCUSED WAS ADVISED OF HIS RIGHT TO OBSERVE THE PROCESS AND SEE THE BLOOD ALCOHOL READING ON THE EQUIPMENT USED TO PERFORM THE BREATH TEST, AND THAT I POSSESS A VALID LICENSE TO CONDUCT SUCH TEST, GIVEN UNDER MY HAND THIS \_\_\_\_\_ DAY OF \_\_\_\_\_, 20\_\_\_\_\_.

|                      |
|----------------------|
| BREATH TEST OPERATOR |
|----------------------|

I HAVE RECEIVED A COPY OF THIS CERTIFICATE OF ANALYSIS \_\_\_\_\_ SUBJECT'S SIGNATURE

SUBJECT REFUSED TO SIGN FOR COPY OF CERTIFICATE OF ANALYSIS \_\_\_\_\_ OPERATOR'S SIGNATURE



*Handwritten initials: JMS TLW*

Test Results

**Instrument Serial Number 010577**

**Test # 002658**      **Subject Test**

|   |  |   |
|---|--|---|
| <b>Test Location 1</b> Department of<br>Test Date 24 Apr 2014 | <b>Test Location 2</b> Forensic Science<br>Test Time 10:24<br>Remote/Local Local | <b>Test Location 3</b><br>System Check Passed |
|---|--|---|

  

|   |   |   |
|---|---|---|
| <b>Operator's Last Name</b> STANTON<br>Agency DFS Central Lab<br>Card Serial Number 118910<br>Subject's Last Name INSTRUMENT<br>Subject's Middle Initial<br>Driver's License Number<br>Driver's License State | <b>Operator's First Name</b> HEATHER<br>License Number 18910<br>Effective Date 10/01/2012<br>Subject's Date of Birth 00/00/0000<br>Court Name DFS | <b>Operator's Middle Initial</b> M<br>Expiration Date 10/01/2014<br>Subject's First Name TEST<br>Subject's Sex Male<br>Driver's License Expiration 00/00/0000 |
|---|---|---|

  

|   |                          |   |
|---|--------------------------|---|
| <b>End Date</b> 24 Apr 2014 <b>End Time</b> 10:31 | <b>Result Time</b> 10:30 | <b>Result Date</b> 24 Apr 2014 <b>Result</b> 0.00 |
|---|--------------------------|---|

|   |   |  |
|---|---|--|
| <b>Data Type</b> DIAG<br><b>Data Type</b> BLK<br><b>Data Type</b> CHK<br><b>Data Type</b> BLK<br><b>Data Type</b> SUBJ<br><b>Data Type</b> BLK<br><b>Data Type</b> SUBJ<br><b>Data Type</b> BLK | <b>Sample Value</b> Pass<br><b>Sample Value</b> 0.000<br><b>Sample Value</b> 0.100<br><b>Sample Value</b> 0.000<br><b>Sample Value</b> 0.000<br><b>Sample Value</b> 0.000<br><b>Sample Value</b> 0.000<br><b>Sample Value</b> 0.000 | <b>Sample Time</b> 10:24<br><b>Sample Time</b> 10:25<br><b>Sample Time</b> 10:26<br><b>Sample Time</b> 10:27<br><b>Sample Time</b> 10:28<br><b>Sample Time</b> 10:29<br><b>Sample Time</b> 10:30<br><b>Sample Time</b> 10:31 |
|---|---|--|

  

|  |  |  |
|--|--|--|
| <b>Standard Type</b> Dry Gas Std<br><b>Standard Lot Number</b> AG320502-12<br><b>Tank Pressure</b> 473 | <b>Standard Value</b> 0.100<br><b>Standard Expiration Date</b> 07/24/2015<br><b>Barometric Pressure</b> 758 mmHg |  |
|--|--|--|

  

|   |                            |                               |
|---|----------------------------|-------------------------------|
| <b>Blow Sample Number</b> 1 <b>Blow Duration</b> 3.44 sec | <b>Blow Volume</b> 1805 cc | <b>End-of-Blow Time</b> 10:28 |
| <b>Blow Sample Number</b> 2 <b>Blow Duration</b> 3.37 sec | <b>Blow Volume</b> 1876 cc | <b>End-of-Blow Time</b> 10:30 |

  

**Tamper Evident Stamp** 91227b38      **Test Status Code** 0

**Test Status** Success