TEST DOCUMENTS

INSTRUMENT SERIAL NUMBER
ARAH-0076

BATCH D00001

METHOD VALIDATION DRAEGER ALCOTEST 9510

DRAEGER ALCOTEST 9510 SERIAL NUMBER: ARAH-0076

DATE OF TESTS: 9/25/2013

	I/R	E/C
Simulator #:	**DR4968**	**DR4968**
Sim Therm#:	**DR4968**	**DR4968**
Batch#:	**D00001**	**D00001**
Reference Value:	**0.0090**	**0.0090**
	0.012	0.013
	0.011	0.011
	0.011	0.010
	0.010	0.010
	0.010	0.010
	0.010	0.010
	0.010	0.010
	0.010	0.010
	0.010	0.010
	0.010	0.010
Mean:	0.0104	0.0104
SD:	0.0007	0.0010
Bias %:	15.56	15.56
CV %:	6.73	9.62
Mean-Ref. Value Difference:	0.0014	0.0014

Cam Brien 9-25-13

NAME OF TECHNICIAN PERFORMING TESTS DATE

Sam O'Brien 10-25-13

NAME OF TECHNICIAN REVIEWING RESULTS DATE

DR4968

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**************************
      WASHINGTON
   ALCOTEST 9510

SERIAL NO.:        ARAH-0076
TEST NO.:              00173
DATE:           09/25/2013
**************************
     SUPERVISOR TEST
**************************
                g/210L   TIME
DIAGNOSTIC      OK       13:15
AIR BLANK       0.000    13:15
EXT STD IR      0.012    13:15
EXT STD EC      0.013    13:15
AIR BLANK       0.000    13:17
EXT STD IR      0.011    13:17
EXT STD EC      0.011    13:17
AIR BLANK       0.000    13:18
EXT STD IR      0.011    13:19
EXT STD EC      0.010    13:19
AIR BLANK       0.000    13:20
EXT STD IR      0.010    13:20
EXT STD EC      0.010    13:20
AIR BLANK       0.000    13:22
EXT STD IR      0.010    13:22
EXT STD EC      0.010    13:22
AIR BLANK       0.000    13:23
EXT STD IR      0.010    13:24
EXT STD EC      0.010    13:24
AIR BLANK       0.000    13:25
EXT STD IR      0.010    13:25
EXT STD EC      0.010    13:25
AIR BLANK       0.000    13:26
EXT STD IR      0.010    13:27
EXT STD EC      0.010    13:27
AIR BLANK       0.000    13:28
EXT STD IR      0.010    13:29
EXT STD EC      0.010    13:29
AIR BLANK       0.000    13:30
EXT STD IR      0.010    13:30
EXT STD EC      0.010    13:30
AIR BLANK       0.000    13:31
DIAGNOSTIC      OK       13:31
**************************
OPERATOR SIGNATURE:
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Cam Brien

METHOD VALIDATION DRAEGER ALCOTEST 9510

DRAEGER ALCOTEST 9510 SERIAL NUMBER: ARAH-0076

DATE OF TESTS: 9/30/2013

	I/R	E/C
Simulator #:	**DR4990**	**DR4990**
Sim Therm#:	**DR4990**	**DR4990**
Batch#:	**D00001**	**D00001**
Reference Value:	**0.0090**	**0.0090**
	0.011	0.009
	0.010	0.009
	0.010	0.009
	0.010	0.009
	0.010	0.009
	0.010	0.009
	0.010	0.009
	0.010	0.009
	0.010	0.009
	0.009	0.009
Mean:	0.0100	0.0090
SD:	0.0005	0.0000
Bias %:	11.11	0.00
CV %:	5.00	0.00
Mean-Ref. Value Difference:	0.0010	0

DR4990

WASHINGTON
ALCOTEST 9510

SERIAL NO.: ARAH-0076
TEST NO.: 00187
DATE: 09/30/2013

SUPERVISOR TEST

	g/210L	TIME
DIAGNOSTIC	OK	12:22
AIR BLANK	0.000	12:22
EXT STD IR	0.011	12:23
EXT STD EC	0.009	12:23
AIR BLANK	0.000	12:24
EXT STD IR	0.010	12:25
EXT STD EC	0.009	12:25
AIR BLANK	0.000	12:26
EXT STD IR	0.010	12:26
EXT STD EC	0.009	12:26
AIR BLANK	0.000	12:27
EXT STD IR	0.010	12:28
EXT STD EC	0.009	12:28
AIR BLANK	0.000	12:29
EXT STD IR	0.010	12:29
EXT STD EC	0.009	12:29
AIR BLANK	0.000	12:31
EXT STD IR	0.010	12:31
EXT STD EC	0.009	12:31
AIR BLANK	0.000	12:32
EXT STD IR	0.010	12:33
EXT STD EC	0.009	12:33
AIR BLANK	0.000	12:34
EXT STD IR	0.010	12:34
EXT STD EC	0.009	12:34
AIR BLANK	0.000	12:35
EXT STD IR	0.010	12:36
EXT STD EC	0.009	12:36
AIR BLANK	0.000	12:37
EXT STD IR	0.009	12:37
EXT STD EC	0.009	12:37
AIR BLANK	0.000	12:38
DIAGNOSTIC	OK	12:38

OPERATOR SIGNATURE:

9-30-13
NAME OF TECHNICIAN PERFORMING TESTS DATE

10-25-13
NAME OF TECHNICIAN REVIEWING RESULTS DATE

METHOD VALIDATION DRAEGER ALCOTEST 9510

DRAEGER ALCOTEST 9510 SERIAL NUMBER: ARAH-0076

DATE OF TESTS: 10/1/2013

	I/R	E/C
Simulator #:	**DR4990**	**DR4990**
Sim Therm#:	**DR4990**	**DR4990**
Batch#:	**D00001**	**D00001**
Reference Value:	**0.0090**	**0.0090**
	0.011	0.010
	0.011	0.010
	0.011	0.010
	0.010	0.010
	0.010	0.010
	0.010	0.010
	0.010	0.010
	0.011	0.010
	0.010	0.010
	0.010	0.010
Mean:	0.0104	0.0100
SD:	0.0005	0.0000
Bias %:	15.56	11.11
CV %:	4.81	0.00
Mean-Ref. Value Difference:	0.0014	0.001

Sam Brin 10-1-13

NAME OF TECHNICIAN PERFORMING TESTS DATE

Sam D'Brin 10-25-13

NAME OF TECHNICIAN REVIEWING RESULTS DATE

DR4990

WASHINGTON
ALCOTEST 9510

SERIAL NO.: ARAH-0076
TEST NO.: 00197
DATE: 10/01/2013

SUPERVISOR TEST

	g/210L	TIME
DIAGNOSTIC	OK	10:19
AIR BLANK	0.000	10:19
EXT STD IR	0.011	10:20
EXT STD EC	0.010	10:20
AIR BLANK	0.000	10:21
EXT STD IR	0.011	10:21
EXT STD EC	0.010	10:21
AIR BLANK	0.000	10:23
EXT STD IR	0.011	10:23
EXT STD EC	0.010	10:23
AIR BLANK	0.000	10:24
EXT STD IR	0.010	10:25
EXT STD EC	0.010	10:25
AIR BLANK	0.000	10:26
EXT STD IR	0.010	10:26
EXT STD EC	0.010	10:26
AIR BLANK	0.000	10:28
EXT STD IR	0.010	10:28
EXT STD EC	0.010	10:28
AIR BLANK	0.000	10:29
EXT STD IR	0.010	10:30
EXT STD EC	0.010	10:30
AIR BLANK	0.000	10:31
EXT STD IR	0.011	10:31
EXT STD EC	0.010	10:31
AIR BLANK	0.000	10:33
EXT STD IR	0.010	10:33
EXT STD EC	0.010	10:33
AIR BLANK	0.000	10:34
EXT STD IR	0.010	10:35
EXT STD EC	0.010	10:35
AIR BLANK	0.000	10:35
DIAGNOSTIC	OK	10:36

OPERATOR SIGNATURE:

METHOD VALIDATION DRAEGER ALCOTEST 9510

DRAEGER ALCOTEST 9510 SERIAL NUMBER: ARAH-0076

DATE OF TESTS: 10/7/2013

	I/R	E/C
Simulator #:	**DR4990**	**DR4990**
Sim Therm#:	**DR4990**	**DR4990**
Batch#:	**D00001**	**D00001**
Reference Value:	**0.0090**	**0.0090**
	0.010	0.009
	0.010	0.009
	0.010	0.009
	0.010	0.009
	0.010	0.009
	0.010	0.009
	0.010	0.009
	0.010	0.009
	0.010	0.009
	0.010	0.009
Mean:	0.0100	0.0090
SD:	0.0000	0.0000
Bias %:	11.11	0.00
CV %:	0.00	0.00
Mean-Ref. Value Difference:	0.0010	0

DR4990

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**************************
      WASHINGTON
    ALCOTEST 9510

SERIAL NO.:        ARAH-0076
TEST NO.:              00206
DATE:           10/07/2013
**************************
     SUPERVISOR TEST
**************************
                g/210L    TIME
DIAGNOSTIC OK             08:02
AIR BLANK       0.000     08:02
EXT STD IR      0.010     08:03
EXT STD EC      0.009     08:03
AIR BLANK       0.000     08:04
EXT STD IR      0.010     08:05
EXT STD EC      0.009     08:05
AIR BLANK       0.000     08:06
EXT STD IR      0.010     08:06
EXT STD EC      0.009     08:06
AIR BLANK       0.000     08:07
EXT STD IR      0.010     08:08
EXT STD EC      0.009     08:08
AIR BLANK       0.000     08:09
EXT STD IR      0.010     08:09
EXT STD EC      0.009     08:09
AIR BLANK       0.000     08:11
EXT STD IR      0.010     08:11
EXT STD EC      0.009     08:11
AIR BLANK       0.000     08:12
EXT STD IR      0.010     08:13
EXT STD EC      0.009     08:13
AIR BLANK       0.000     08:14
EXT STD IR      0.010     08:14
EXT STD EC      0.009     08:14
AIR BLANK       0.000     08:15
EXT STD IR      0.010     08:16
EXT STD EC      0.009     08:16
AIR BLANK       0.000     08:17
EXT STD IR      0.010     08:18
EXT STD EC      0.009     08:18
AIR BLANK       0.000     08:18
DIAGNOSTIC OK             08:19
**************************
OPERATOR SIGNATURE:
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Cam Brien 10-7-13

NAME OF TECHNICIAN PERFORMING TESTS DATE

Cam O'Brien 10-25-13

NAME OF TECHNICIAN REVIEWING RESULTS DATE

METHOD VALIDATION DRAEGER ALCOTEST 9510

DRAEGER ALCOTEST 9510 SERIAL NUMBER: ARAH-0076

DATE OF TESTS: 10/14/2013

	I/R	E/C
Simulator #:	DR4990	DR4990
Sim Therm#:	DR4990	DR4990
Batch#:	D00001	D00001
Reference Value:	0.0090	0.0090
	0.011	0.010
	0.011	0.010
	0.010	0.010
	0.011	0.010
	0.011	0.010
	0.011	0.010
	0.011	0.010
	0.011	0.010
	0.011	0.010
	0.011	0.010
Mean:	0.0109	0.0100
SD:	0.0003	0.0000
Bias %:	21.11	11.11
CV %:	2.75	0.00
Mean-Ref. Value Difference:	0.0019	0.001

Cam Ri 10-14-13

NAME OF TECHNICIAN PERFORMING TESTS DATE

Pam O'Brien 10-25-13

NAME OF TECHNICIAN REVIEWING RESULTS DATE

DR 4990

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**************************
      WASHINGTON
   ALCOTEST 9510

SERIAL NO.:        ARAH-0076
TEST NO.:               00216
DATE:           10/14/2013
**************************
    SUPERVISOR TEST
**************************
                 g/210L   TIME
DIAGNOSTIC       OK       10:59
AIR BLANK        0.000    10:59
EXT STD IR       0.011    10:59
EXT STD EC       0.010    10:59
AIR BLANK        0.000    11:01
EXT STD IR       0.011    11:01
EXT STD EC       0.010    11:01
AIR BLANK        0.000    11:02
EXT STD IR       0.010    11:03
EXT STD EC       0.010    11:03
AIR BLANK        0.000    11:04
EXT STD IR       0.011    11:04
EXT STD EC       0.010    11:04
AIR BLANK        0.000    11:05
EXT STD IR       0.011    11:06
EXT STD EC       0.010    11:06
AIR BLANK        0.000    11:07
EXT STD IR       0.011    11:08
EXT STD EC       0.010    11:08
AIR BLANK        0.000    11:09
EXT STD IR       0.011    11:09
EXT STD EC       0.010    11:09
AIR BLANK        0.000    11:10
EXT STD IR       0.011    11:11
EXT STD EC       0.010    11:11
AIR BLANK        0.000    11:12
EXT STD IR       0.011    11:12
EXT STD EC       0.010    11:12
AIR BLANK        0.000    11:14
EXT STD IR       0.011    11:14
EXT STD EC       0.010    11:14
AIR BLANK        0.000    11:15
DIAGNOSTIC       OK       11:15
**************************
OPERATOR SIGNATURE:
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Cam Ri

TEST DOCUMENTS

INSTRUMENT SERIAL NUMBER
ARAH-0076

BATCH D00002

METHOD VALIDATION DRAEGER ALCOTEST 9510

DRAEGER ALCOTEST 9510 SERIAL NUMBER: ARAH-0076

DATE OF TESTS: 9/25/2013

	I/R	E/C
Simulator #:	**DR4990**	**DR4990**
Sim Therm#:	**DR4990**	**DR4990**
Batch#:	**D00002**	**D00002**
Reference Value:	**0.0147**	**0.0147**
	0.015	0.015
	0.015	0.015
	0.015	0.015
	0.015	0.015
	0.015	0.015
	0.015	0.015
	0.015	0.015
	0.015	0.015
	0.015	0.015
	0.015	0.015
Mean:	0.0150	0.0150
SD:	0.0000	0.0000
Bias %:	2.04	2.04
CV %:	0.00	0.00
Mean-Ref. Value Difference:	0.0003	0.0003

Cam Rin 9-25-13

NAME OF TECHNICIAN PERFORMING TESTS DATE

Pam O'Brien 10-25-13

NAME OF TECHNICIAN REVIEWING RESULTS DATE

DR4990

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**************************
      WASHINGTON
    ALCOTEST 9510

SERIAL NO.:        ARAH-0076
TEST NO.:              00175
DATE:              09/25/2013
**************************
    SUPERVISOR TEST
**************************
                g/210L   TIME
DIAGNOSTIC OK            13:53
AIR BLANK       0.000    13:53
EXT STD IR      0.015    13:53
EXT STD EC      0.015    13:53
AIR BLANK       0.000    13:54
EXT STD IR      0.015    13:55
EXT STD EC      0.015    13:55
AIR BLANK       0.000    13:56
EXT STD IR      0.015    13:56
EXT STD EC      0.015    13:56
AIR BLANK       0.000    13:58
EXT STD IR      0.015    13:58
EXT STD EC      0.015    13:58
AIR BLANK       0.000    13:59
EXT STD IR      0.015    14:00
EXT STD EC      0.015    14:00
AIR BLANK       0.000    14:01
EXT STD IR      0.015    14:02
EXT STD EC      0.015    14:02
AIR BLANK       0.000    14:03
EXT STD IR      0.015    14:03
EXT STD EC      0.015    14:03
AIR BLANK       0.000    14:05
EXT STD IR      0.015    14:05
EXT STD EC      0.015    14:05
AIR BLANK       0.000    14:06
EXT STD IR      0.015    14:07
EXT STD EC      0.015    14:07
AIR BLANK       0.000    14:08
EXT STD IR      0.015    14:08
EXT STD EC      0.015    14:08
AIR BLANK       0.000    14:09
DIAGNOSTIC OK            14:10
**************************
OPERATOR SIGNATURE:
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Cam Rin

METHOD VALIDATION DRAEGER ALCOTEST 9510

DRAEGER ALCOTEST 9510 SERIAL NUMBER: ARAH-0076

DATE OF TESTS: 9/30/2013

	I/R	E/C
Simulator #:	**DR4990**	**DR4990**
Sim Therm#:	**DR4990**	**DR4990**
Batch#:	**D00002**	**D00002**
Reference Value:	**0.0147**	**0.0147**
	0.014	0.014
	0.014	0.014
	0.014	0.014
	0.014	0.014
	0.014	0.014
	0.014	0.014
	0.014	0.014
	0.014	0.014
	0.014	0.014
	0.014	0.014
Mean:	0.0140	0.0140
SD:	0.0000	0.0000
Bias %:	-4.76	-4.76
CV %:	0.00	0.00
Mean-Ref. Value Difference:	-0.0007	-0.0007

Sam Brown 9-30-13

NAME OF TECHNICIAN PERFORMING TESTS DATE

Sam O'Brien 10-25-13

NAME OF TECHNICIAN REVIEWING RESULTS DATE

DR4990

WASHINGTON
ALCOTEST 9510

SERIAL NO.: ARAH-0076
TEST NO.: 00188
DATE: 09/30/2013

SUPERVISOR TEST

	g/210L	TIME
DIAGNOSTIC	OK	12:58
AIR BLANK	0.000	12:58
EXT STD IR	0.014	12:59
EXT STD EC	0.014	12:59
AIR BLANK	0.000	13:00
EXT STD IR	0.014	13:01
EXT STD EC	0.014	13:01
AIR BLANK	0.000	13:02
EXT STD IR	0.014	13:02
EXT STD EC	0.014	13:02
AIR BLANK	0.000	13:04
EXT STD IR	0.014	13:04
EXT STD EC	0.014	13:04
AIR BLANK	0.000	13:05
EXT STD IR	0.014	13:06
EXT STD EC	0.014	13:06
AIR BLANK	0.000	13:07
EXT STD IR	0.014	13:07
EXT STD EC	0.014	13:07
AIR BLANK	0.000	13:09
EXT STD IR	0.014	13:09
EXT STD EC	0.014	13:09
AIR BLANK	0.000	13:10
EXT STD IR	0.014	13:11
EXT STD EC	0.014	13:11
AIR BLANK	0.000	13:12
EXT STD IR	0.014	13:12
EXT STD EC	0.014	13:12
AIR BLANK	0.000	13:14
EXT STD IR	0.014	13:14
EXT STD EC	0.014	13:14
AIR BLANK	0.000	13:15
DIAGNOSTIC	OK	13:15

OPERATOR SIGNATURE:

METHOD VALIDATION DRAEGER ALCOTEST 9510

DRAEGER ALCOTEST 9510 SERIAL NUMBER: ARAH-0076

DATE OF TESTS: 10/1/2013

	I/R	E/C
Simulator #:	**DR4990**	**DR4990**
Sim Therm#:	**DR4990**	**DR4990**
Batch#:	**D00002**	**D00002**
Reference Value:	**0.0147**	**0.0147**
	0.014	0.014
	0.014	0.014
	0.014	0.014
	0.014	0.014
	0.015	0.014
	0.015	0.014
	0.015	0.014
	0.015	0.014
	0.015	0.014
	0.015	0.014
Mean:	0.0146	0.0140
SD:	0.0005	0.0000
Bias %:	-0.68	-4.76
CV %:	3.42	0.00
Mean-Ref. Value Difference:	-0.0001	-0.0007

Cam Rain 10-1-13

NAME OF TECHNICIAN PERFORMING TESTS DATE

Cam O'Brien 10-25-13

NAME OF TECHNICIAN REVIEWING RESULTS DATE

DR4990

WASHINGTON
ALCOTEST 9510

SERIAL NO.: ARAH-0076
TEST NO.: 00198
DATE: 10/01/2013

SUPERVISOR TEST

	g/210L	TIME
DIAGNOSTIC	OK	10:53
AIR BLANK	0.000	10:53
EXT STD IR	0.014	10:53
EXT STD EC	0.014	10:53
AIR BLANK	0.000	10:55
EXT STD IR	0.014	10:55
EXT STD EC	0.014	10:55
AIR BLANK	0.000	10:56
EXT STD IR	0.014	10:57
EXT STD EC	0.014	10:57
AIR BLANK	0.000	10:58
EXT STD IR	0.014	10:58
EXT STD EC	0.014	10:58
AIR BLANK	0.000	11:00
EXT STD IR	0.015	11:00
EXT STD EC	0.014	11:00
AIR BLANK	0.000	11:01
EXT STD IR	0.015	11:02
EXT STD EC	0.014	11:02
AIR BLANK	0.000	11:03
EXT STD IR	0.015	11:04
EXT STD EC	0.014	11:04
AIR BLANK	0.000	11:05
EXT STD IR	0.015	11:05
EXT STD EC	0.014	11:05
AIR BLANK	0.000	11:07
EXT STD IR	0.015	11:07
EXT STD EC	0.014	11:07
AIR BLANK	0.000	11:08
EXT STD IR	0.015	11:09
EXT STD EC	0.014	11:09
AIR BLANK	0.000	11:09
DIAGNOSTIC	OK	11:10

OPERATOR SIGNATURE:

Cam Rain

METHOD VALIDATION DRAEGER ALCOTEST 9510

DRAEGER ALCOTEST 9510 SERIAL NUMBER: ARAH-0076

DATE OF TESTS: 10/7/2013

	I/R	E/C
Simulator #:	DR4990	DR4990
Sim Therm#:	DR4990	DR4990
Batch#:	D00002	D00002
Reference Value:	0.0147	0.0147
	0.014	0.014
	0.014	0.014
	0.014	0.014
	0.014	0.014
	0.014	0.014
	0.014	0.014
	0.015	0.014
	0.014	0.014
	0.015	0.014
	0.015	0.014
Mean:	0.0143	0.0140
SD:	0.0005	0.0000
Bias %:	-2.72	-4.76
CV %:	3.50	0.00
Mean-Ref. Value Difference:	-0.0004	-0.0007

Sam Rin 10-7-13

NAME OF TECHNICIAN PERFORMING TESTS DATE

Sam O'Brien 10-25-13

NAME OF TECHNICIAN REVIEWING RESULTS DATE

DR4990

****

WASHINGTON
ALCOTEST 9510

SERIAL NO.: ARAH-0076
TEST NO.: 00207
DATE: 10/07/2013

****

SUPERVISOR TEST

****

	g/210L	TIME
DIAGNOSTIC	OK	08:49
AIR BLANK	0.000	08:49
EXT STD IR	0.014	08:50
EXT STD EC	0.014	08:50
AIR BLANK	0.000	08:51
EXT STD IR	0.014	08:51
EXT STD EC	0.014	08:51
AIR BLANK	0.000	08:53
EXT STD IR	0.014	08:53
EXT STD EC	0.014	08:53
AIR BLANK	0.000	08:54
EXT STD IR	0.014	08:55
EXT STD EC	0.014	08:55
AIR BLANK	0.000	08:56
EXT STD IR	0.014	08:56
EXT STD EC	0.014	08:56
AIR BLANK	0.000	08:58
EXT STD IR	0.014	08:58
EXT STD EC	0.014	08:58
AIR BLANK	0.000	08:59
EXT STD IR	0.015	09:00
EXT STD EC	0.014	09:00
AIR BLANK	0.000	09:01
EXT STD IR	0.014	09:01
EXT STD EC	0.014	09:01
AIR BLANK	0.000	09:03
EXT STD IR	0.015	09:03
EXT STD EC	0.014	09:03
AIR BLANK	0.000	09:04
EXT STD IR	0.015	09:05
EXT STD EC	0.014	09:05
AIR BLANK	0.000	09:05
DIAGNOSTIC	OK	09:06

****

OPERATOR SIGNATURE:

Sam Rin

METHOD VALIDATION DRAEGER ALCOTEST 9510

DRAEGER ALCOTEST 9510 SERIAL NUMBER: ARAH-0076

DATE OF TESTS: 10/14/2013

	I/R	E/C
Simulator #:	**DR4990**	**DR4990**
Sim Therm#:	**DR4990**	**DR4990**
Batch#:	**D00002**	**D00002**
Reference Value:	**0.0147**	**0.0147**
	0.015	0.014
	0.015	0.015
	0.015	0.015
	0.015	0.015
	0.015	0.015
	0.015	0.015
	0.015	0.015
	0.015	0.015
	0.015	0.015
	0.015	0.015
Mean:	0.0150	0.0149
SD:	0.0000	0.0003
Bias %:	2.04	1.36
CV %:	0.00	2.01
Mean-Ref. Value Difference:	0.0003	0.0002

Cam Rizzo 10-14-13

NAME OF TECHNICIAN PERFORMING TESTS DATE

Sam O'Brien 10-25-13

NAME OF TECHNICIAN REVIEWING RESULTS DATE

DR4990

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**************************
      WASHINGTON
   ALCOTEST 9510

SERIAL NO.:        ARAH-0076
TEST NO.:              00217
DATE:           10/14/2013
**************************
     SUPERVISOR TEST
**************************
                g/210L   TIME
DIAGNOSTIC OK            11:28
AIR BLANK       0.000    11:28
EXT STD IR      0.015    11:28
EXT STD EC      0.014    11:28
AIR BLANK       0.000    11:30
EXT STD IR      0.015    11:30
EXT STD EC      0.015    11:30
AIR BLANK       0.000    11:31
EXT STD IR      0.015    11:32
EXT STD EC      0.015    11:32
AIR BLANK       0.000    11:33
EXT STD IR      0.015    11:34
EXT STD EC      0.015    11:34
AIR BLANK       0.000    11:35
EXT STD IR      0.015    11:35
EXT STD EC      0.015    11:35
AIR BLANK       0.000    11:37
EXT STD IR      0.015    11:37
EXT STD EC      0.015    11:37
AIR BLANK       0.000    11:38
EXT STD IR      0.015    11:39
EXT STD EC      0.015    11:39
AIR BLANK       0.000    11:40
EXT STD IR      0.015    11:40
EXT STD EC      0.015    11:40
AIR BLANK       0.000    11:42
EXT STD IR      0.015    11:42
EXT STD EC      0.015    11:42
AIR BLANK       0.000    11:43
EXT STD IR      0.015    11:44
EXT STD EC      0.015    11:44
AIR BLANK       0.000    11:44
DIAGNOSTIC OK            11:45
**************************
OPERATOR SIGNATURE:
Cam Rizzo
```

TEST DOCUMENTS

INSTRUMENT SERIAL NUMBER
ARAH-0076

BATCH D00003

METHOD VALIDATION DRAEGER ALCOTEST 9510

DRAEGER ALCOTEST 9510 SERIAL NUMBER: ARAH-0076

DATE OF TESTS: 9/25/2013

	I/R	E/C
Simulator #:	**DR4968**	**DR4968**
Sim Therm#:	**DR4968**	**DR4968**
Batch#:	**D00003**	**D00003**
Reference Value:	**0.0204**	**0.0204**
	0.019	0.019
	0.019	0.019
	0.019	0.019
	0.019	0.019
	0.019	0.019
	0.019	0.019
	0.019	0.019
	0.019	0.019
	0.019	0.019
	0.019	0.019
Mean:	0.0190	0.0190
SD:	0.0000	0.0000
Bias %:	-6.86	-6.86
CV %:	0.00	0.00
Mean-Ref. Value Difference:	-0.0014	-0.0014

Tom O'Brien 9-25-13

NAME OF TECHNICIAN PERFORMING TESTS DATE

Tom O'Brien 10-25-13

NAME OF TECHNICIAN REVIEWING RESULTS DATE

DR4968

****

WASHINGTON
ALCOTEST 9510

SERIAL NO.: ARAH-0076
TEST NO.: 00176
DATE: 09/25/2013

****

SUPERVISOR TEST

****

	g/210L	TIME
DIAGNOSTIC	OK	14:14
AIR BLANK	0.000	14:15
EXT STD IR	0.019	14:15
EXT STD EC	0.019	14:15
AIR BLANK	0.000	14:16
EXT STD IR	0.019	14:17
EXT STD EC	0.019	14:17
AIR BLANK	0.000	14:18
EXT STD IR	0.019	14:18
EXT STD EC	0.019	14:18
AIR BLANK	0.000	14:20
EXT STD IR	0.019	14:20
EXT STD EC	0.019	14:20
AIR BLANK	0.000	14:21
EXT STD IR	0.019	14:22
EXT STD EC	0.019	14:22
AIR BLANK	0.000	14:23
EXT STD IR	0.019	14:24
EXT STD EC	0.019	14:24
AIR BLANK	0.000	14:25
EXT STD IR	0.019	14:25
EXT STD EC	0.019	14:25
AIR BLANK	0.000	14:27
EXT STD IR	0.019	14:27
EXT STD EC	0.019	14:27
AIR BLANK	0.000	14:28
EXT STD IR	0.019	14:29
EXT STD EC	0.019	14:29
AIR BLANK	0.000	14:30
EXT STD IR	0.019	14:31
EXT STD EC	0.019	14:31
AIR BLANK	0.000	14:31
DIAGNOSTIC	OK	14:32

****

OPERATOR SIGNATURE:

METHOD VALIDATION DRAEGER ALCOTEST 9510

DRAEGER ALCOTEST 9510 SERIAL NUMBER: ARAH-0076

DATE OF TESTS: 9/30/2013

	I/R	E/C
Simulator #:	**DR4990**	**DR4990**
Sim Therm#:	**DR4990**	**DR4990**
Batch#:	**D00003**	**D00003**
Reference Value:	**0.0204**	**0.0204**
	0.020	0.019
	0.020	0.019
	0.021	0.020
	0.020	0.020
	0.020	0.020
	0.020	0.020
	0.020	0.020
	0.020	0.020
	0.020	0.020
	0.020	0.020
Mean:	0.0201	0.0198
SD:	0.0003	0.0004
Bias %:	-1.47	-2.94
CV %:	1.49	2.02
Mean-Ref. Value Difference:	-0.0003	-0.0006

DR4990

WASHINGTON
ALCOTEST 9510

SERIAL NO.: ARAH-0076
TEST NO.: 00189
DATE: 09/30/2013

SUPERVISOR TEST

	g/210L	TIME
DIAGNOSTIC	OK	13:36
AIR BLANK	0.000	13:36
EXT STD IR	0.020	13:36
EXT STD EC	0.019	13:36
AIR BLANK	0.000	13:37
EXT STD IR	0.020	13:38
EXT STD EC	0.019	13:38
AIR BLANK	0.000	13:39
EXT STD IR	0.021	13:39
EXT STD EC	0.020	13:39
AIR BLANK	0.000	13:41
EXT STD IR	0.020	13:41
EXT STD EC	0.020	13:41
AIR BLANK	0.000	13:43
EXT STD IR	0.020	13:43
EXT STD EC	0.020	13:43
AIR BLANK	0.000	13:44
EXT STD IR	0.020	13:45
EXT STD EC	0.020	13:45
AIR BLANK	0.000	13:46
EXT STD IR	0.020	13:46
EXT STD EC	0.020	13:46
AIR BLANK	0.000	13:48
EXT STD IR	0.020	13:48
EXT STD EC	0.020	13:48
AIR BLANK	0.000	13:49
EXT STD IR	0.020	13:50
EXT STD EC	0.020	13:50
AIR BLANK	0.000	13:51
EXT STD IR	0.020	13:52
EXT STD EC	0.020	13:52
AIR BLANK	0.000	13:52
DIAGNOSTIC	OK	13:53

OPERATOR SIGNATURE:

9-30-13

NAME OF TECHNICIAN PERFORMING TESTS DATE

Pam O'Brien 10-25-13

NAME OF TECHNICIAN REVIEWING RESULTS DATE

METHOD VALIDATION DRAEGER ALCOTEST 9510

DRAEGER ALCOTEST 9510 SERIAL NUMBER: ARAH-0076

DATE OF TESTS: 10/1/2013

	I/R	E/C
Simulator #:	**DR4990**	**DR4990**
Sim Therm#:	**DR4990**	**DR4990**
Batch#:	**D00003**	**D00003**
Reference Value:	**0.0204**	**0.0204**
	0.020	0.019
	0.020	0.019
	0.021	0.019
	0.021	0.020
	0.021	0.020
	0.021	0.020
	0.020	0.020
	0.021	0.020
	0.021	0.020
	0.021	0.020
Mean:	0.0207	0.0197
SD:	0.0005	0.0005
Bias %:	1.47	-3.43
CV %:	2.42	2.54
Mean-Ref. Value Difference:	0.0003	-0.0007

Pam O'Brien 10-1-13

NAME OF TECHNICIAN PERFORMING TESTS DATE

Pam O'Brien 10-25-13

NAME OF TECHNICIAN REVIEWING RESULTS DATE

DR4990

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**************************
      WASHINGTON
    ALCOTEST 9510

SERIAL NO.:        ARAH-0076
TEST NO.:              00199
DATE:           10/01/2013
**************************
     SUPERVISOR TEST
**************************
                g/210L   TIME
DIAGNOSTIC OK            11:24
AIR BLANK       0.000    11:24
EXT STD IR      0.020    11:25
EXT STD EC      0.019    11:25
AIR BLANK       0.000    11:26
EXT STD IR      0.020    11:26
EXT STD EC      0.019    11:26
AIR BLANK       0.000    11:28
EXT STD IR      0.021    11:28
EXT STD EC      0.019    11:28
AIR BLANK       0.000    11:29
EXT STD IR      0.021    11:30
EXT STD EC      0.020    11:30
AIR BLANK       0.000    11:31
EXT STD IR      0.021    11:32
EXT STD EC      0.020    11:32
AIR BLANK       0.000    11:33
EXT STD IR      0.021    11:33
EXT STD EC      0.020    11:33
AIR BLANK       0.000    11:35
EXT STD IR      0.020    11:35
EXT STD EC      0.020    11:35
AIR BLANK       0.000    11:36
EXT STD IR      0.021    11:37
EXT STD EC      0.020    11:37
AIR BLANK       0.000    11:38
EXT STD IR      0.021    11:39
EXT STD EC      0.020    11:39
AIR BLANK       0.000    11:40
EXT STD IR      0.021    11:40
EXT STD EC      0.020    11:40
AIR BLANK       0.000    11:41
DIAGNOSTIC OK            11:42
**************************
OPERATOR SIGNATURE:
```

METHOD VALIDATION DRAEGER ALCOTEST 9510

DRAEGER ALCOTEST 9510 SERIAL NUMBER: ARAH-0076

DATE OF TESTS: 10/7/2013

	I/R	E/C
Simulator #:	**DR4990**	**DR4990**
Sim Therm#:	**DR4990**	**DR4990**
Batch#:	**D00003**	**D00003**
Reference Value:	**0.0204**	**0.0204**
	0.020	0.019
	0.020	0.019
	0.020	0.020
	0.020	0.020
	0.020	0.020
	0.020	0.020
	0.020	0.020
	0.020	0.020
	0.020	0.020
	0.020	0.020
Mean:	0.0200	0.0198
SD:	0.0000	0.0004
Bias %:	-1.96	-2.94
CV %:	0.00	2.02
Mean-Ref. Value Difference:	-0.0004	-0.0006

10-7-13

NAME OF TECHNICIAN PERFORMING TESTS DATE

Sam O'Brien 10-25-13

NAME OF TECHNICIAN REVIEWING RESULTS DATE

DR4990

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**************************
      WASHINGTON
   ALCOTEST 9510

SERIAL NO.:        ARAH-0076
TEST NO.:               00208
DATE:           10/07/2013
**************************
     SUPERVISOR TEST
**************************
                g/210L    TIME
DIAGNOSTIC OK             10:02
AIR BLANK       0.000     10:02
EXT STD IR      0.020     10:02
EXT STD EC      0.019     10:02
AIR BLANK       0.000     10:04
EXT STD IR      0.020     10:04
EXT STD EC      0.019     10:04
AIR BLANK       0.000     10:05
EXT STD IR      0.020     10:06
EXT STD EC      0.020     10:06
AIR BLANK       0.000     10:07
EXT STD IR      0.020     10:07
EXT STD EC      0.020     10:07
AIR BLANK       0.000     10:09
EXT STD IR      0.020     10:09
EXT STD EC      0.020     10:09
AIR BLANK       0.000     10:10
EXT STD IR      0.020     10:11
EXT STD EC      0.020     10:11
AIR BLANK       0.000     10:12
EXT STD IR      0.020     10:13
EXT STD EC      0.020     10:13
AIR BLANK       0.000     10:14
EXT STD IR      0.020     10:14
EXT STD EC      0.020     10:14
AIR BLANK       0.000     10:16
EXT STD IR      0.020     10:16
EXT STD EC      0.020     10:16
AIR BLANK       0.000     10:17
EXT STD IR      0.020     10:18
EXT STD EC      0.020     10:18
AIR BLANK       0.000     10:18
DIAGNOSTIC OK             10:19
**************************
OPERATOR SIGNATURE:
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METHOD VALIDATION DRAEGER ALCOTEST 9510

DRAEGER ALCOTEST 9510 SERIAL NUMBER: ARAH-0076

DATE OF TESTS: 10/14/2013

	I/R	E/C
Simulator #:	**DR4990**	**DR4990**
Sim Therm#:	**DR4990**	**DR4990**
Batch#:	**D00003**	**D00003**
Reference Value:	**0.0204**	**0.0204**
	0.021	0.019
	0.020	0.020
	0.021	0.020
	0.021	0.020
	0.021	0.020
	0.021	0.020
	0.021	0.020
	0.021	0.020
	0.021	0.020
	0.021	0.020
Mean:	0.0209	0.0199
SD:	0.0003	0.0003
Bias %:	2.45	-2.45
CV %:	1.44	1.51
Mean-Ref. Value Difference:	0.0005	-0.0005

Cam Rin 10-14-13

NAME OF TECHNICIAN PERFORMING TESTS DATE

Pam O'Brien 10-25-13

NAME OF TECHNICIAN REVIEWING RESULTS DATE

DR4990

WASHINGTON
ALCOTEST 9510

SERIAL NO.: ARAH-0076
TEST NO.: 00218
DATE: 10/14/2013

SUPERVISOR TEST

	g/210L	TIME
DIAGNOSTIC	OK	11:56
AIR BLANK	0.000	11:56
EXT STD IR	0.021	11:57
EXT STD EC	0.019	11:57
AIR BLANK	0.000	11:58
EXT STD IR	0.020	11:59
EXT STD EC	0.020	11:59
AIR BLANK	0.000	12:00
EXT STD IR	0.021	12:00
EXT STD EC	0.020	12:00
AIR BLANK	0.000	12:02
EXT STD IR	0.021	12:02
EXT STD EC	0.020	12:02
AIR BLANK	0.000	12:03
EXT STD IR	0.021	12:04
EXT STD EC	0.020	12:04
AIR BLANK	0.000	12:05
EXT STD IR	0.021	12:05
EXT STD EC	0.020	12:05
AIR BLANK	0.000	12:07
EXT STD IR	0.021	12:07
EXT STD EC	0.020	12:07
AIR BLANK	0.000	12:08
EXT STD IR	0.021	12:09
EXT STD EC	0.020	12:09
AIR BLANK	0.000	12:10
EXT STD IR	0.021	12:11
EXT STD EC	0.020	12:11
AIR BLANK	0.000	12:12
EXT STD IR	0.021	12:12
EXT STD EC	0.020	12:12
AIR BLANK	0.000	12:13
DIAGNOSTIC	OK	12:14

OPERATOR SIGNATURE: Cam Rin

TEST DOCUMENTS

INSTRUMENT SERIAL NUMBER
ARAH-0076

BATCH D00004

METHOD VALIDATION DRAEGER ALCOTEST 9510

DRAEGER ALCOTEST 9510 SERIAL NUMBER: ARAH-0076

DATE OF TESTS: 9/25/2013

	I/R	E/C
Simulator #:	**DR4990**	**DR4990**
Sim Therm#:	**DR4990**	**DR4990**
Batch#:	**D00004**	**D00004**
Reference Value:	**0.0408**	**0.0408**
	0.039	0.039
	0.039	0.039
	0.039	0.039
	0.039	0.039
	0.040	0.039
	0.040	0.039
	0.040	0.039
	0.040	0.040
	0.040	0.040
	0.040	0.039
Mean:	0.0396	0.0392
SD:	0.0005	0.0004
Bias %:	-2.94	-3.92
CV %:	1.26	1.02
Mean-Ref. Value Difference:	-0.0012	-0.0016

[signature] 9-25-13

NAME OF TECHNICIAN PERFORMING TESTS DATE

[signature] 10-25-13

NAME OF TECHNICIAN REVIEWING RESULTS DATE

DR4990

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WASHINGTON
ALCOTEST 9510

SERIAL NO.: ARAH-0076
TEST NO.: 00178
DATE: 09/25/2013

****

SUPERVISOR TEST

****

	g/210L	TIME
DIAGNOSTIC	OK	14:47
AIR BLANK	0.000	14:48
EXT STD IR	0.039	14:48
EXT STD EC	0.039	14:48
AIR BLANK	0.000	14:49
EXT STD IR	0.039	14:50
EXT STD EC	0.039	14:50
AIR BLANK	0.000	14:51
EXT STD IR	0.039	14:52
EXT STD EC	0.039	14:52
AIR BLANK	0.000	14:53
EXT STD IR	0.039	14:53
EXT STD EC	0.039	14:53
AIR BLANK	0.000	14:55
EXT STD IR	0.040	14:55
EXT STD EC	0.039	14:55
AIR BLANK	0.000	14:57
EXT STD IR	0.040	14:57
EXT STD EC	0.039	14:57
AIR BLANK	0.000	14:59
EXT STD IR	0.040	14:59
EXT STD EC	0.039	14:59
AIR BLANK	0.000	15:00
EXT STD IR	0.040	15:01
EXT STD EC	0.040	15:01
AIR BLANK	0.000	15:02
EXT STD IR	0.040	15:03
EXT STD EC	0.040	15:03
AIR BLANK	0.000	15:04
EXT STD IR	0.040	15:04
EXT STD EC	0.039	15:04
AIR BLANK	0.000	15:05
DIAGNOSTIC	OK	15:06

****

OPERATOR SIGNATURE:

[signature]

METHOD VALIDATION DRAEGER ALCOTEST 9510

DRAEGER ALCOTEST 9510 SERIAL NUMBER: ARAH-0076

DATE OF TESTS: 9/30/2013

	I/R	E/C
Simulator #:	**DR4990**	**DR4990**
Sim Therm#:	**DR4990**	**DR4990**
Batch#:	**D00004**	**D00004**
Reference Value:	**0.0408**	**0.0408**
	0.040	0.039
	0.040	0.040
	0.040	0.040
	0.041	0.040
	0.041	0.040
	0.041	0.040
	0.041	0.040
	0.041	0.040
	0.040	0.040
	0.041	0.040
Mean:	0.0406	0.0399
SD:	0.0005	0.0003
Bias %:	-0.49	-2.21
CV %:	1.23	0.75
Mean-Ref. Value Difference:	-0.0002	-0.0009

9-30-13

NAME OF TECHNICIAN PERFORMING TESTS DATE

Sam O'Brien 10-25-13

NAME OF TECHNICIAN REVIEWING RESULTS DATE

DR49990

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**************************
      WASHINGTON
   ALCOTEST 9510

SERIAL NO.:        ARAH-0076
TEST NO.:              00190
DATE:           09/30/2013
**************************
     SUPERVISOR TEST
**************************
                g/210L   TIME
DIAGNOSTIC OK            14:24
AIR BLANK       0.000    14:24
EXT STD IR      0.040    14:25
EXT STD EC      0.039    14:25
AIR BLANK       0.000    14:26
EXT STD IR      0.040    14:26
EXT STD EC      0.040    14:26
AIR BLANK       0.000    14:28
EXT STD IR      0.040    14:28
EXT STD EC      0.040    14:28
AIR BLANK       0.000    14:30
EXT STD IR      0.041    14:30
EXT STD EC      0.040    14:30
AIR BLANK       0.000    14:32
EXT STD IR      0.041    14:32
EXT STD EC      0.040    14:32
AIR BLANK       0.000    14:33
EXT STD IR      0.041    14:34
EXT STD EC      0.040    14:34
AIR BLANK       0.000    14:35
EXT STD IR      0.041    14:36
EXT STD EC      0.040    14:36
AIR BLANK       0.000    14:37
EXT STD IR      0.041    14:37
EXT STD EC      0.040    14:37
AIR BLANK       0.000    14:39
EXT STD IR      0.040    14:39
EXT STD EC      0.040    14:39
AIR BLANK       0.000    14:41
EXT STD IR      0.041    14:41
EXT STD EC      0.040    14:41
AIR BLANK       0.000    14:42
DIAGNOSTIC OK            14:42
**************************
OPERATOR SIGNATURE:
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Sam O'Brien

METHOD VALIDATION DRAEGER ALCOTEST 9510

DRAEGER ALCOTEST 9510 SERIAL NUMBER: ARAH-0076

DATE OF TESTS: 10/1/2013

	I/R	E/C
Simulator #:	**DR4990**	**DR4990**
Sim Therm#:	**DR4990**	**DR4990**
Batch#:	**D00004**	**D00004**
Reference Value:	**0.0408**	**0.0408**
	0.039	0.038
	0.040	0.039
	0.040	0.039
	0.040	0.039
	0.040	0.039
	0.041	0.039
	0.041	0.039
	0.041	0.040
	0.041	0.040
	0.041	0.040
Mean:	0.0404	0.0392
SD:	0.0007	0.0006
Bias %:	-0.98	-3.92
CV %:	1.73	1.53
Mean-Ref. Value Difference:	-0.0004	-0.0016

Sam Brien — 10-1-13

NAME OF TECHNICIAN PERFORMING TESTS — DATE

Sam O'Brien — 10-25-13

NAME OF TECHNICIAN REVIEWING RESULTS — DATE

DR4990

WASHINGTON
ALCOTEST 9510

SERIAL NO.: ARAH-0076
TEST NO.: 00200
DATE: 10/01/2013

SUPERVISOR TEST

	g/210L	TIME
DIAGNOSTIC	OK	11:58
AIR BLANK	0.000	11:58
EXT STD IR	0.039	11:58
EXT STD EC	0.038	11:58
AIR BLANK	0.000	12:00
EXT STD IR	0.040	12:00
EXT STD EC	0.039	12:00
AIR BLANK	0.000	12:02
EXT STD IR	0.040	12:02
EXT STD EC	0.039	12:02
AIR BLANK	0.000	12:03
EXT STD IR	0.040	12:04
EXT STD EC	0.039	12:04
AIR BLANK	0.000	12:05
EXT STD IR	0.040	12:06
EXT STD EC	0.039	12:06
AIR BLANK	0.000	12:07
EXT STD IR	0.041	12:07
EXT STD EC	0.039	12:07
AIR BLANK	0.000	12:09
EXT STD IR	0.041	12:09
EXT STD EC	0.039	12:09
AIR BLANK	0.000	12:11
EXT STD IR	0.041	12:11
EXT STD EC	0.040	12:11
AIR BLANK	0.000	12:12
EXT STD IR	0.041	12:13
EXT STD EC	0.040	12:13
AIR BLANK	0.000	12:14
EXT STD IR	0.041	12:15
EXT STD EC	0.040	12:15
AIR BLANK	0.000	12:15
DIAGNOSTIC	OK	12:16

OPERATOR SIGNATURE:

METHOD VALIDATION DRAEGER ALCOTEST 9510

DRAEGER ALCOTEST 9510 SERIAL NUMBER: ARAH-0076

DATE OF TESTS: 10/7/2013

	I/R	E/C
Simulator #:	**DR4990**	**DR4990**
Sim Therm#:	**DR4990**	**DR4990**
Batch#:	**D00004**	**D00004**
Reference Value:	**0.0408**	**0.0408**
	0.039	0.038
	0.040	0.039
	0.040	0.039
	0.040	0.039
	0.041	0.040
	0.040	0.039
	0.041	0.040
	0.041	0.040
	0.041	0.040
	0.040	0.040
Mean:	0.0403	0.0394
SD:	0.0007	0.0007
Bias %:	-1.23	-3.43
CV %:	1.74	1.78
Mean-Ref. Value Difference:	-0.0005	-0.0014

DR4990

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WASHINGTON
ALCOTEST 9510

SERIAL NO.: ARAH-0076
TEST NO.: 00209
DATE: 10/07/2013

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SUPERVISOR TEST

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	g/210L	TIME
DIAGNOSTIC	OK	10:53
AIR BLANK	0.000	10:53
EXT STD IR	0.039	10:54
EXT STD EC	0.038	10:54
AIR BLANK	0.000	10:55
EXT STD IR	0.040	10:56
EXT STD EC	0.039	10:56
AIR BLANK	0.000	10:57
EXT STD IR	0.040	10:58
EXT STD EC	0.039	10:58
AIR BLANK	0.000	10:59
EXT STD IR	0.040	10:59
EXT STD EC	0.039	10:59
AIR BLANK	0.000	11:01
EXT STD IR	0.041	11:01
EXT STD EC	0.040	11:01
AIR BLANK	0.000	11:03
EXT STD IR	0.040	11:03
EXT STD EC	0.039	11:03
AIR BLANK	0.000	11:04
EXT STD IR	0.041	11:05
EXT STD EC	0.040	11:05
AIR BLANK	0.000	11:06
EXT STD IR	0.041	11:07
EXT STD EC	0.040	11:07
AIR BLANK	0.000	11:08
EXT STD IR	0.041	11:08
EXT STD EC	0.040	11:08
AIR BLANK	0.000	11:10
EXT STD IR	0.040	11:10
EXT STD EC	0.040	11:10
AIR BLANK	0.000	11:11
DIAGNOSTIC	OK	11:12

****

OPERATOR SIGNATURE:

[signature]

[signature] 10-7-13

NAME OF TECHNICIAN PERFORMING TESTS DATE

Pam O'Brien 10-25-13

NAME OF TECHNICIAN REVIEWING RESULTS DATE

METHOD VALIDATION DRAEGER ALCOTEST 9510

DRAEGER ALCOTEST 9510 SERIAL NUMBER: ARAH-0076

DATE OF TESTS: 10/14/2013

	I/R	E/C
Simulator #:	DR4990	DR4990
Sim Therm#:	DR4990	DR4990
Batch#:	D00004	D00004
Reference Value:	0.0408	0.0408
	0.042	0.040
	0.042	0.040
	0.042	0.041
	0.042	0.041
	0.042	0.041
	0.042	0.041
	0.042	0.041
	0.042	0.041
	0.042	0.041
	0.042	0.041
Mean:	0.0420	0.0408
SD:	0.0000	0.0004
Bias %:	2.94	0.00
CV %:	0.00	0.98
Mean-Ref. Value Difference:	0.0012	0

Cam R — 10-14-13

NAME OF TECHNICIAN PERFORMING TESTS — DATE

Pam O'Brien — 10-25-13

NAME OF TECHNICIAN REVIEWING RESULTS — DATE

DR4990

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WASHINGTON
ALCOTEST 9510

SERIAL NO.: ARAH-0076
TEST NO.: 00219
DATE: 10/14/2013

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SUPERVISOR TEST

****

	g/210L	TIME
DIAGNOSTIC	OK	12:29
AIR BLANK	0.000	12:30
EXT STD IR	0.042	12:30
EXT STD EC	0.040	12:30
AIR BLANK	0.000	12:31
EXT STD IR	0.042	12:32
EXT STD EC	0.040	12:32
AIR BLANK	0.000	12:33
EXT STD IR	0.042	12:34
EXT STD EC	0.041	12:34
AIR BLANK	0.000	12:35
EXT STD IR	0.042	12:35
EXT STD EC	0.041	12:35
AIR BLANK	0.000	12:37
EXT STD IR	0.042	12:37
EXT STD EC	0.041	12:37
AIR BLANK	0.000	12:39
EXT STD IR	0.042	12:39
EXT STD EC	0.041	12:39
AIR BLANK	0.000	12:41
EXT STD IR	0.042	12:41
EXT STD EC	0.041	12:41
AIR BLANK	0.000	12:42
EXT STD IR	0.042	12:43
EXT STD EC	0.041	12:43
AIR BLANK	0.000	12:44
EXT STD IR	0.042	12:45
EXT STD EC	0.041	12:45
AIR BLANK	0.000	12:46
EXT STD IR	0.042	12:47
EXT STD EC	0.041	12:47
AIR BLANK	0.000	12:47
DIAGNOSTIC	OK	12:48

****

OPERATOR SIGNATURE:

Cam R

TEST DOCUMENTS

INSTRUMENT SERIAL NUMBER
ARAH-0076

BATCH D00005

METHOD VALIDATION DRAEGER ALCOTEST 9510

DRAEGER ALCOTEST 9510 SERIAL NUMBER: ARAH-0076

DATE OF TESTS: 9/25/2013

	I/R	E/C
Simulator #:	**DR4968**	**DR4968**
Sim Therm#:	**DR4968**	**DR4968**
Batch#:	**D00005**	**D00005**
Reference Value:	**0.0804**	**0.0804**
	0.078	0.078
	0.077	0.077
	0.078	0.077
	0.077	0.077
	0.078	0.077
	0.078	0.077
	0.078	0.078
	0.078	0.078
	0.079	0.078
	0.078	0.078
Mean:	0.0779	0.0775
SD:	0.0006	0.0005
Bias %:	-3.11	-3.61
CV %:	0.77	0.65
Mean-Ref. Value Difference:	-0.0025	-0.0029

9-25-13

NAME OF TECHNICIAN PERFORMING TESTS DATE

Sam O'Brien 10-25-13

NAME OF TECHNICIAN REVIEWING RESULTS DATE

DR4968

WASHINGTON
ALCOTEST 9510

SERIAL NO.: ARAH-0076
TEST NO.: 00180
DATE: 09/25/2013

SUPERVISOR TEST

	g/210L	TIME
DIAGNOSTIC	OK	15:26
AIR BLANK	0.000	15:26
EXT STD IR	0.078	15:27
EXT STD EC	0.078	15:27
AIR BLANK	0.000	15:28
EXT STD IR	0.077	15:29
EXT STD EC	0.077	15:29
AIR BLANK	0.000	15:30
EXT STD IR	0.078	15:30
EXT STD EC	0.077	15:30
AIR BLANK	0.000	15:32
EXT STD IR	0.077	15:32
EXT STD EC	0.077	15:32
AIR BLANK	0.000	15:34
EXT STD IR	0.078	15:34
EXT STD EC	0.077	15:34
AIR BLANK	0.000	15:36
EXT STD IR	0.078	15:36
EXT STD EC	0.077	15:36
AIR BLANK	0.000	15:38
EXT STD IR	0.078	15:38
EXT STD EC	0.078	15:38
AIR BLANK	0.000	15:40
EXT STD IR	0.078	15:40
EXT STD EC	0.078	15:40
AIR BLANK	0.000	15:41
EXT STD IR	0.079	15:42
EXT STD EC	0.078	15:42
AIR BLANK	0.000	15:43
EXT STD IR	0.078	15:44
EXT STD EC	0.078	15:44
AIR BLANK	0.000	15:44
DIAGNOSTIC	OK	15:45

OPERATOR SIGNATURE:

METHOD VALIDATION DRAEGER ALCOTEST 9510

DRAEGER ALCOTEST 9510 SERIAL NUMBER: ARAH-0076

DATE OF TESTS: 9/30/2013

	I/R	E/C
Simulator #:	DR4990	DR4990
Sim Therm#:	DR4990	DR4990
Batch#:	D00005	D00005
Reference Value:	0.0804	0.0804
	0.077	0.077
	0.079	0.078
	0.080	0.079
	0.080	0.079
	0.081	0.080
	0.081	0.080
	0.081	0.080
	0.081	0.080
	0.081	0.081
	0.080	0.080
Mean:	0.0801	0.0794
SD:	0.0013	0.0012
Bias %:	-0.37	-1.24
CV %:	1.62	1.51
Mean-Ref. Value Difference:	-0.0003	-0.001

DR4990

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WASHINGTON
ALCOTEST 9510

SERIAL NO.:      ARAH-0076
TEST NO.:            00191
DATE:           09/30/2013
************************
SUPERVISOR TEST
************************
                g/210L    TIME
DIAGNOSTIC OK             15:19
AIR BLANK       0.000     15:19
EXT STD IR      0.077     15:20
EXT STD EC      0.077     15:20
AIR BLANK       0.000     15:21
EXT STD IR      0.079     15:22
EXT STD EC      0.078     15:22
AIR BLANK       0.000     15:23
EXT STD IR      0.080     15:23
EXT STD EC      0.079     15:23
AIR BLANK       0.000     15:25
EXT STD IR      0.080     15:25
EXT STD EC      0.079     15:25
AIR BLANK       0.000     15:27
EXT STD IR      0.081     15:27
EXT STD EC      0.080     15:27
AIR BLANK       0.000     15:29
EXT STD IR      0.081     15:29
EXT STD EC      0.080     15:29
AIR BLANK       0.000     15:31
EXT STD IR      0.081     15:31
EXT STD EC      0.080     15:31
AIR BLANK       0.000     15:33
EXT STD IR      0.081     15:33
EXT STD EC      0.080     15:33
AIR BLANK       0.000     15:34
EXT STD IR      0.081     15:35
EXT STD EC      0.081     15:35
AIR BLANK       0.000     15:36
EXT STD IR      0.080     15:37
EXT STD EC      0.080     15:37
AIR BLANK       0.000     15:37
DIAGNOSTIC OK             15:38
************************
OPERATOR SIGNATURE:
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9-30-13

NAME OF TECHNICIAN PERFORMING TESTS DATE

Pam O'Brien 10-25-13

NAME OF TECHNICIAN REVIEWING RESULTS DATE

METHOD VALIDATION DRAEGER ALCOTEST 9510

DRAEGER ALCOTEST 9510 SERIAL NUMBER: ARAH-0076

DATE OF TESTS: 10/1/2013

	I/R	E/C
Simulator #:	**DR4990**	**DR4990**
Sim Therm#:	**DR4990**	**DR4990**
Batch#:	**D00005**	**D00005**
Reference Value:	**0.0804**	**0.0804**
	0.082	0.080
	0.082	0.080
	0.082	0.080
	0.082	0.080
	0.082	0.080
	0.082	0.079
	0.082	0.080
	0.082	0.080
	0.082	0.081
	0.082	0.080
Mean:	0.0820	0.0800
SD:	0.0000	0.0005
Bias %:	1.99	-0.50
CV %:	0.00	0.63
Mean-Ref. Value Difference:	0.0016	-0.0004

DR4990

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*************************
      WASHINGTON
     ALCOTEST 9510

SERIAL NO.:        ARAH-0076
TEST NO.:             00201
DATE:             10/01/2013
*************************
     SUPERVISOR TEST
*************************
              g/210L    TIME
DIAGNOSTIC OK           12:34
AIR BLANK     0.000     12:34
EXT STD IR    0.082     12:34
EXT STD EC    0.080     12:34
AIR BLANK     0.000     12:36
EXT STD IR    0.082     12:36
EXT STD EC    0.080     12:36
AIR BLANK     0.000     12:38
EXT STD IR    0.082     12:38
EXT STD EC    0.080     12:38
AIR BLANK     0.000     12:39
EXT STD IR    0.082     12:40
EXT STD EC    0.080     12:40
AIR BLANK     0.000     12:41
EXT STD IR    0.082     12:42
EXT STD EC    0.080     12:42
AIR BLANK     0.000     12:43
EXT STD IR    0.082     12:44
EXT STD EC    0.079     12:44
AIR BLANK     0.000     12:45
EXT STD IR    0.082     12:46
EXT STD EC    0.080     12:46
AIR BLANK     0.000     12:47
EXT STD IR    0.082     12:48
EXT STD EC    0.080     12:48
AIR BLANK     0.000     12:49
EXT STD IR    0.082     12:49
EXT STD EC    0.081     12:49
AIR BLANK     0.000     12:51
EXT STD IR    0.082     12:51
EXT STD EC    0.080     12:51
AIR BLANK     0.000     12:52
DIAGNOSTIC OK           12:53
*************************
OPERATOR SIGNATURE:
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10-1-13

NAME OF TECHNICIAN PERFORMING TESTS DATE

10 25 13

NAME OF TECHNICIAN REVIEWING RESULTS DATE

METHOD VALIDATION DRAEGER ALCOTEST 9510

DRAEGER ALCOTEST 9510 SERIAL NUMBER: ARAH-0076

DATE OF TESTS: 10/7/2013

	I/R	E/C
Simulator #:	**DR4990**	**DR4990**
Sim Therm#:	**DR4990**	**DR4990**
Batch#:	**D00005**	**D00005**
Reference Value:	**0.0804**	**0.0804**
	0.079	0.077
	0.080	0.078
	0.081	0.079
	0.081	0.079
	0.082	0.080
	0.081	0.080
	0.082	0.080
	0.082	0.080
	0.081	0.080
	0.081	0.080
Mean:	0.0810	0.0793
SD:	0.0009	0.0011
Bias %:	0.75	-1.37
CV %:	1.11	1.39
Mean-Ref. Value Difference:	0.0006	-0.0011

DR 4990

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**************************
      WASHINGTON
   ALCOTEST 9510

SERIAL NO.:        ARAH-0076
TEST NO.:              00210
DATE:           10/07/2013
**************************
     SUPERVISOR TEST
**************************
                g/210L   TIME
DIAGNOSTIC OK            11:43
AIR BLANK       0.000    11:43
EXT STD IR      0.079    11:44
EXT STD EC      0.077    11:44
AIR BLANK       0.000    11:45
EXT STD IR      0.080    11:46
EXT STD EC      0.078    11:46
AIR BLANK       0.000    11:47
EXT STD IR      0.081    11:48
EXT STD EC      0.079    11:48
AIR BLANK       0.000    11:49
EXT STD IR      0.081    11:50
EXT STD EC      0.079    11:50
AIR BLANK       0.000    11:51
EXT STD IR      0.082    11:52
EXT STD EC      0.080    11:52
AIR BLANK       0.000    11:53
EXT STD IR      0.081    11:53
EXT STD EC      0.080    11:53
AIR BLANK       0.000    11:55
EXT STD IR      0.082    11:55
EXT STD EC      0.080    11:55
AIR BLANK       0.000    11:57
EXT STD IR      0.082    11:57
EXT STD EC      0.080    11:57
AIR BLANK       0.000    11:59
EXT STD IR      0.081    11:59
EXT STD EC      0.080    11:59
AIR BLANK       0.000    12:01
EXT STD IR      0.081    12:01
EXT STD EC      0.080    12:01
AIR BLANK       0.000    12:02
DIAGNOSTIC OK            12:03
**************************
OPERATOR SIGNATURE:
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10-7-13

NAME OF TECHNICIAN PERFORMING TESTS DATE

Sam O'Brien 10-25-13

NAME OF TECHNICIAN REVIEWING RESULTS DATE

METHOD VALIDATION DRAEGER ALCOTEST 9510

DRAEGER ALCOTEST 9510 SERIAL NUMBER: ARAH-0076

DATE OF TESTS: 10/14/2013

	I/R	E/C
Simulator #:	DR4990	DR4990
Sim Therm#:	DR4990	DR4990
Batch#:	D00005	D00005
Reference Value:	0.0804	0.0804
	0.081	0.079
	0.083	0.080
	0.083	0.080
	0.083	0.080
	0.083	0.081
	0.084	0.081
	0.083	0.081
	0.083	0.081
	0.083	0.081
	0.083	0.081
Mean:	0.0829	0.0805
SD:	0.0007	0.0007
Bias %:	3.11	0.12
CV %:	0.84	0.87
Mean-Ref. Value Difference:	0.0025	0.0001

Cam R 10-14-13

NAME OF TECHNICIAN PERFORMING TESTS DATE

Cam O'Brien 10-25-13

NAME OF TECHNICIAN REVIEWING RESULTS DATE

DR4990

WASHINGTON
ALCOTEST 9510

SERIAL NO.: ARAH-0076
TEST NO.: 00220
DATE: 10/14/2013

SUPERVISOR TEST

	g/210L	TIME
DIAGNOSTIC	OK	13:37
AIR BLANK	0.000	13:38
EXT STD IR	0.081	13:38
EXT STD EC	0.079	13:38
AIR BLANK	0.000	13:40
EXT STD IR	0.083	13:40
EXT STD EC	0.080	13:40
AIR BLANK	0.000	13:41
EXT STD IR	0.083	13:42
EXT STD EC	0.080	13:42
AIR BLANK	0.000	13:43
EXT STD IR	0.083	13:44
EXT STD EC	0.080	13:44
AIR BLANK	0.000	13:45
EXT STD IR	0.083	13:46
EXT STD EC	0.081	13:46
AIR BLANK	0.000	13:47
EXT STD IR	0.084	13:48
EXT STD EC	0.081	13:48
AIR BLANK	0.000	13:49
EXT STD IR	0.083	13:50
EXT STD EC	0.081	13:50
AIR BLANK	0.000	13:51
EXT STD IR	0.083	13:52
EXT STD EC	0.081	13:52
AIR BLANK	0.000	13:53
EXT STD IR	0.083	13:53
EXT STD EC	0.081	13:53
AIR BLANK	0.000	13:55
EXT STD IR	0.083	13:55
EXT STD EC	0.081	13:55
AIR BLANK	0.000	13:56
DIAGNOSTIC	OK	13:57

OPERATOR SIGNATURE:

Cam R

TEST DOCUMENTS

INSTRUMENT SERIAL NUMBER
ARAH-0076

BATCH D00006

METHOD VALIDATION DRAEGER ALCOTEST 9510

DRAEGER ALCOTEST 9510 SERIAL NUMBER: ARAH-0076

DATE OF TESTS: 9/25/2013

	I/R	E/C
Simulator #:	**DR4990**	**DR4990**
Sim Therm#:	**DR4990**	**DR4990**
Batch#:	**D00006**	**D00006**
Reference Value:	**0.1522**	**0.1522**
	0.152	0.152
	0.152	0.152
	0.153	0.153
	0.153	0.153
	0.154	0.153
	0.154	0.154
	0.154	0.154
	0.153	0.153
	0.153	0.152
	0.153	0.153
Mean:	0.1531	0.1529
SD:	0.0007	0.0007
Bias %:	0.59	0.46
CV %:	0.46	0.46
Mean-Ref. Value Difference:	0.0009	0.0007

Pam Brien 9-25-13

NAME OF TECHNICIAN PERFORMING TESTS DATE

Pam O'Brien 10-25-13

NAME OF TECHNICIAN REVIEWING RESULTS DATE

DR4990

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WASHINGTON
ALCOTEST 9510

SERIAL NO.: ARAH-0076
TEST NO.: 00182
DATE: 09/25/2013

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SUPERVISOR TEST

****

	g/210L	TIME
DIAGNOSTIC	OK	16:06
AIR BLANK	0.000	16:07
EXT STD IR	0.152	16:07
EXT STD EC	0.152	16:07
AIR BLANK	0.000	16:09
EXT STD IR	0.152	16:09
EXT STD EC	0.152	16:09
AIR BLANK	0.000	16:11
EXT STD IR	0.153	16:11
EXT STD EC	0.153	16:11
AIR BLANK	0.000	16:13
EXT STD IR	0.153	16:13
EXT STD EC	0.153	16:13
AIR BLANK	0.000	16:15
EXT STD IR	0.154	16:15
EXT STD EC	0.153	16:15
AIR BLANK	0.000	16:17
EXT STD IR	0.154	16:17
EXT STD EC	0.154	16:17
AIR BLANK	0.000	16:19
EXT STD IR	0.154	16:19
EXT STD EC	0.154	16:19
AIR BLANK	0.000	16:21
EXT STD IR	0.153	16:21
EXT STD EC	0.153	16:21
AIR BLANK	0.000	16:23
EXT STD IR	0.153	16:23
EXT STD EC	0.152	16:23
AIR BLANK	0.000	16:25
EXT STD IR	0.153	16:25
EXT STD EC	0.153	16:25
AIR BLANK	0.000	16:26
DIAGNOSTIC	OK	16:27

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OPERATOR SIGNATURE:

METHOD VALIDATION DRAEGER ALCOTEST 9510

DRAEGER ALCOTEST 9510 SERIAL NUMBER: ARAH-0076

DATE OF TESTS: 9/30/2013

	I/R	E/C
Simulator #:	**DR4990**	**DR4990**
Sim Therm#:	**DR4990**	**DR4990**
Batch#:	**D00006**	**D00006**
Reference Value:	**0.1522**	**0.1522**
	0.148	0.147
	0.151	0.150
	0.152	0.151
	0.153	0.152
	0.154	0.153
	0.154	0.154
	0.154	0.154
	0.154	0.154
	0.155	0.155
	0.154	0.155
Mean:	0.1529	0.1525
SD:	0.0021	0.0025
Bias %:	0.46	0.20
CV %:	1.37	1.64
Mean-Ref. Value Difference:	0.0007	0.0003

DR4990

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**************************
      WASHINGTON
    ALCOTEST 9510

SERIAL NO.:        ARAH-0076
TEST NO.:              00192
DATE:           09/30/2013
**************************
    SUPERVISOR TEST
**************************
                g/210L   TIME
DIAGNOSTIC OK            15:56
AIR BLANK       0.000    15:56
EXT STD IR      0.148    15:56
EXT STD EC      0.147    15:56
AIR BLANK       0.000    15:58
EXT STD IR      0.151    15:58
EXT STD EC      0.150    15:58
AIR BLANK       0.000    16:00
EXT STD IR      0.152    16:00
EXT STD EC      0.151    16:00
AIR BLANK       0.000    16:02
EXT STD IR      0.153    16:02
EXT STD EC      0.152    16:02
AIR BLANK       0.000    16:04
EXT STD IR      0.154    16:04
EXT STD EC      0.153    16:04
AIR BLANK       0.000    16:06
EXT STD IR      0.154    16:06
EXT STD EC      0.154    16:06
AIR BLANK       0.000    16:08
EXT STD IR      0.154    16:08
EXT STD EC      0.154    16:08
AIR BLANK       0.000    16:10
EXT STD IR      0.154    16:10
EXT STD EC      0.154    16:10
AIR BLANK       0.000    16:12
EXT STD IR      0.155    16:12
EXT STD EC      0.155    16:12
AIR BLANK       0.000    16:14
EXT STD IR      0.154    16:14
EXT STD EC      0.155    16:14
AIR BLANK       0.000    16:15
DIAGNOSTIC OK            16:16
**************************
OPERATOR SIGNATURE:
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9-30-13

NAME OF TECHNICIAN PERFORMING TESTS — DATE

Sam O'Brien 10-25-13

NAME OF TECHNICIAN REVIEWING RESULTS — DATE

METHOD VALIDATION DRAEGER ALCOTEST 9510

DRAEGER ALCOTEST 9510 SERIAL NUMBER: ARAH-0076

DATE OF TESTS: 10/1/2013

	I/R	E/C
Simulator #:	**DR4990**	**DR4990**
Sim Therm#:	**DR4990**	**DR4990**
Batch#:	**D00006**	**D00006**
Reference Value:	**0.1522**	**0.1522**
	0.154	0.151
	0.154	0.151
	0.155	0.152
	0.156	0.153
	0.156	0.153
	0.156	0.153
	0.157	0.154
	0.157	0.155
	0.156	0.154
	0.157	0.155
Mean:	0.1558	0.1531
SD:	0.0011	0.0014
Bias %:	2.37	0.59
CV %:	0.71	0.91
Mean-Ref. Value Difference:	0.0036	0.0009

Sam B — 10-1-13

NAME OF TECHNICIAN PERFORMING TESTS — DATE

Sam O'Brien — 10-25-13

NAME OF TECHNICIAN REVIEWING RESULTS — DATE

DR4990

****

WASHINGTON
ALCOTEST 9510

SERIAL NO.: ARAH-0076
TEST NO.: 00202
DATE: 10/01/2013

****

SUPERVISOR TEST

****

	g/210L	TIME
DIAGNOSTIC	OK	13:23
AIR BLANK	0.000	13:23
EXT STD IR	0.154	13:24
EXT STD EC	0.151	13:24
AIR BLANK	0.000	13:25
EXT STD IR	0.154	13:26
EXT STD EC	0.151	13:26
AIR BLANK	0.000	13:27
EXT STD IR	0.155	13:28
EXT STD EC	0.152	13:28
AIR BLANK	0.000	13:29
EXT STD IR	0.156	13:30
EXT STD EC	0.153	13:30
AIR BLANK	0.000	13:31
EXT STD IR	0.156	13:32
EXT STD EC	0.153	13:32
AIR BLANK	0.000	13:33
EXT STD IR	0.156	13:34
EXT STD EC	0.153	13:34
AIR BLANK	0.000	13:35
EXT STD IR	0.157	13:36
EXT STD EC	0.154	13:36
AIR BLANK	0.000	13:37
EXT STD IR	0.157	13:38
EXT STD EC	0.155	13:38
AIR BLANK	0.000	13:39
EXT STD IR	0.156	13:40
EXT STD EC	0.154	13:40
AIR BLANK	0.000	13:42
EXT STD IR	0.157	13:42
EXT STD EC	0.155	13:42
AIR BLANK	0.000	13:43
DIAGNOSTIC	OK	13:43

****

OPERATOR SIGNATURE:

Sam B

METHOD VALIDATION DRAEGER ALCOTEST 9510

DRAEGER ALCOTEST 9510 SERIAL NUMBER: ARAH-0076

DATE OF TESTS: 10/7/2013

	I/R	E/C
Simulator #:	**DR4990**	**DR4990**
Sim Therm#:	**DR4990**	**DR4990**
Batch#:	**D00006**	**D00006**
Reference Value:	**0.1522**	**0.1522**
	0.154	0.151
	0.156	0.152
	0.156	0.152
	0.156	0.152
	0.156	0.152
	0.156	0.152
	0.155	0.152
	0.155	0.152
	0.154	0.151
	0.154	0.151
Mean:	0.1552	0.1517
SD:	0.0009	0.0005
Bias %:	1.97	-0.33
CV %:	0.58	0.33
Mean-Ref. Value Difference:	0.0030	-0.0005

DR4990

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WASHINGTON
ALCOTEST 9510

SERIAL NO.: ARAH-0076
TEST NO.: 00212
DATE: 10/07/2013

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SUPERVISOR TEST

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	g/210L	TIME
DIAGNOSTIC	OK	13:06
AIR BLANK	0.000	13:06
EXT STD IR	0.154	13:07
EXT STD EC	0.151	13:07
AIR BLANK	0.000	13:08
EXT STD IR	0.156	13:09
EXT STD EC	0.152	13:09
AIR BLANK	0.000	13:10
EXT STD IR	0.156	13:11
EXT STD EC	0.152	13:11
AIR BLANK	0.000	13:12
EXT STD IR	0.156	13:13
EXT STD EC	0.152	13:13
AIR BLANK	0.000	13:14
EXT STD IR	0.156	13:15
EXT STD EC	0.152	13:15
AIR BLANK	0.000	13:17
EXT STD IR	0.156	13:17
EXT STD EC	0.152	13:17
AIR BLANK	0.000	13:19
EXT STD IR	0.155	13:19
EXT STD EC	0.152	13:19
AIR BLANK	0.000	13:21
EXT STD IR	0.155	13:21
EXT STD EC	0.152	13:21
AIR BLANK	0.000	13:23
EXT STD IR	0.154	13:23
EXT STD EC	0.151	13:23
AIR BLANK	0.000	13:25
EXT STD IR	0.154	13:25
EXT STD EC	0.151	13:25
AIR BLANK	0.000	13:26
DIAGNOSTIC	OK	13:27

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OPERATOR SIGNATURE:

10-7-13
NAME OF TECHNICIAN PERFORMING TESTS DATE

10-25-13
NAME OF TECHNICIAN REVIEWING RESULTS DATE

METHOD VALIDATION DRAEGER ALCOTEST 9510

DRAEGER ALCOTEST 9510 SERIAL NUMBER: ARAH-0076

DATE OF TESTS: 10/14/2013

	I/R	E/C
Simulator #:	DR4990	DR4990
Sim Therm#:	DR4990	DR4990
Batch#:	D00006	D00006
Reference Value:	0.1522	0.1522
	0.156	0.150
	0.157	0.151
	0.157	0.151
	0.157	0.152
	0.157	0.152
	0.157	0.152
	0.157	0.152
	0.158	0.152
	0.158	0.153
	0.158	0.153
Mean:	0.1572	0.1518
SD:	0.0006	0.0009
Bias %:	3.29	-0.26
CV %:	0.38	0.59
Mean-Ref. Value Difference:	0.0050	-0.0004

Sam Rini 10-14-13

NAME OF TECHNICIAN PERFORMING TESTS DATE

Sam O'Brien 10-25-13

NAME OF TECHNICIAN REVIEWING RESULTS DATE

DR4990

WASHINGTON
ALCOTEST 9510

SERIAL NO.: ARAH-0076
TEST NO.: 00222
DATE: 10/14/2013

SUPERVISOR TEST

	g/210L	TIME
DIAGNOSTIC	OK	14:47
AIR BLANK	0.000	14:47
EXT STD IR	0.156	14:48
EXT STD EC	0.150	14:48
AIR BLANK	0.000	14:49
EXT STD IR	0.157	14:50
EXT STD EC	0.151	14:50
AIR BLANK	0.000	14:52
EXT STD IR	0.157	14:52
EXT STD EC	0.151	14:52
AIR BLANK	0.000	14:54
EXT STD IR	0.157	14:54
EXT STD EC	0.152	14:54
AIR BLANK	0.000	14:56
EXT STD IR	0.157	14:56
EXT STD EC	0.152	14:56
AIR BLANK	0.000	14:58
EXT STD IR	0.157	14:58
EXT STD EC	0.152	14:58
AIR BLANK	0.000	15:00
EXT STD IR	0.157	15:00
EXT STD EC	0.152	15:00
AIR BLANK	0.000	15:02
EXT STD IR	0.158	15:02
EXT STD EC	0.152	15:02
AIR BLANK	0.000	15:04
EXT STD IR	0.158	15:04
EXT STD EC	0.153	15:04
AIR BLANK	0.000	15:06
EXT STD IR	0.158	15:06
EXT STD EC	0.153	15:06
AIR BLANK	0.000	15:07
DIAGNOSTIC	OK	15:08

OPERATOR SIGNATURE: Sam Rini

TEST DOCUMENTS

INSTRUMENT SERIAL NUMBER
ARAH-0076

BATCH D00007

METHOD VALIDATION DRAEGER ALCOTEST 9510

DRAEGER ALCOTEST 9510 SERIAL NUMBER: ARAH-0076

DATE OF TESTS: 9/25/2013

	I/R	E/C
Simulator #:	**DR4968**	**DR4968**
Sim Therm#:	**DR4968**	**DR4968**
Batch#:	**D00007**	**D00007**
Reference Value:	**0.2024**	**0.2024**
	0.199	0.199
	0.201	0.200
	0.201	0.200
	0.202	0.200
	0.202	0.200
	0.202	0.201
	0.203	0.201
	0.204	0.202
	0.204	0.202
	0.203	0.201
Mean:	0.2021	0.2006
SD:	0.0015	0.0010
Bias %:	-0.15	-0.89
CV %:	0.74	0.50
Mean-Ref. Value Difference:	-0.0003	-0.0018

9-25-13

NAME OF TECHNICIAN PERFORMING TESTS DATE

Sam O'Brien 10-25-13

NAME OF TECHNICIAN REVIEWING RESULTS DATE

DR4968

WASHINGTON
ALCOTEST 9510

SERIAL NO.: ARAH-0076
TEST NO.: 00183
DATE: 09/25/2013

SUPERVISOR TEST

	g/210L	TIME
DIAGNOSTIC	OK	16:30
AIR BLANK	0.000	16:30
EXT STD IR	0.199	16:31
EXT STD EC	0.199	16:31
AIR BLANK	0.000	16:33
EXT STD IR	0.201	16:33
EXT STD EC	0.200	16:33
AIR BLANK	0.000	16:35
EXT STD IR	0.201	16:35
EXT STD EC	0.200	16:35
AIR BLANK	0.000	16:37
EXT STD IR	0.202	16:37
EXT STD EC	0.200	16:37
AIR BLANK	0.000	16:39
EXT STD IR	0.202	16:39
EXT STD EC	0.200	16:39
AIR BLANK	0.000	16:41
EXT STD IR	0.202	16:41
EXT STD EC	0.201	16:41
AIR BLANK	0.000	16:43
EXT STD IR	0.203	16:43
EXT STD EC	0.201	16:43
AIR BLANK	0.000	16:45
EXT STD IR	0.204	16:46
EXT STD EC	0.202	16:46
AIR BLANK	0.000	16:47
EXT STD IR	0.204	16:48
EXT STD EC	0.202	16:48
AIR BLANK	0.000	16:49
EXT STD IR	0.203	16:50
EXT STD EC	0.201	16:50
AIR BLANK	0.000	16:50
DIAGNOSTIC	OK	16:51

OPERATOR SIGNATURE:

METHOD VALIDATION DRAEGER ALCOTEST 9510

DRAEGER ALCOTEST 9510 SERIAL NUMBER: ARAH-0076

DATE OF TESTS: 9/30/2013

	I/R	E/C
Simulator #:	**DR4990**	**DR4990**
Sim Therm#:	**DR4990**	**DR4990**
Batch#:	**D00007**	**D00007**
Reference Value:	**0.2024**	**0.2024**
	0.205	0.205
	0.206	0.206
	0.207	0.208
	0.207	0.209
	0.207	0.209
	0.207	0.209
	0.208	0.210
	0.208	0.209
	0.208	0.209
	0.207	0.208
Mean:	0.2070	0.2082
SD:	0.0009	0.0015
Bias %:	2.27	2.87
CV %:	0.43	0.72
Mean-Ref. Value Difference:	0.0046	0.0058

9-30-13

NAME OF TECHNICIAN PERFORMING TESTS DATE

Sam O'Brien 10-28-13

NAME OF TECHNICIAN REVIEWING RESULTS DATE

DR4990

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WASHINGTON
ALCOTEST 9510

SERIAL NO.: ARAH-0076
TEST NO.: 00193
DATE: 09/30/2013

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SUPERVISOR TEST

****

	g/210L	TIME
DIAGNOSTIC	OK	16:32
AIR BLANK	0.000	16:32
EXT STD IR	0.205	16:33
EXT STD EC	0.205	16:33
AIR BLANK	0.000	16:34
EXT STD IR	0.206	16:35
EXT STD EC	0.206	16:35
AIR BLANK	0.000	16:36
EXT STD IR	0.207	16:37
EXT STD EC	0.208	16:37
AIR BLANK	0.000	16:38
EXT STD IR	0.207	16:39
EXT STD EC	0.209	16:39
AIR BLANK	0.000	16:40
EXT STD IR	0.207	16:41
EXT STD EC	0.209	16:41
AIR BLANK	0.000	16:43
EXT STD IR	0.207	16:43
EXT STD EC	0.209	16:43
AIR BLANK	0.000	16:45
EXT STD IR	0.208	16:45
EXT STD EC	0.210	16:45
AIR BLANK	0.000	16:47
EXT STD IR	0.208	16:47
EXT STD EC	0.209	16:47
AIR BLANK	0.000	16:49
EXT STD IR	0.208	16:49
EXT STD EC	0.209	16:49
AIR BLANK	0.000	16:51
EXT STD IR	0.207	16:51
EXT STD EC	0.208	16:51
AIR BLANK	0.000	16:52
DIAGNOSTIC	OK	16:53

****

OPERATOR SIGNATURE:

METHOD VALIDATION DRAEGER ALCOTEST 9510

DRAEGER ALCOTEST 9510 SERIAL NUMBER: ARAH-0076

DATE OF TESTS: 10/1/2013

	I/R	E/C
Simulator #:	**DR4990**	**DR4990**
Sim Therm#:	**DR4990**	**DR4990**
Batch#:	**D00007**	**D00007**
Reference Value:	**0.2024**	**0.2024**
	0.211	0.208
	0.211	0.208
	0.209	0.207
	0.209	0.207
	0.209	0.207
	0.208	0.207
	0.209	0.208
	0.209	0.208
	0.209	0.207
	0.208	0.207
Mean:	0.2092	0.2074
SD:	0.0010	0.0005
Bias %:	3.36	2.47
CV %:	0.48	0.24
Mean-Ref. Value Difference:	0.0068	0.005

Cam Ro 10-1-13

NAME OF TECHNICIAN PERFORMING TESTS DATE

Sam O'Brien 10-25-13

NAME OF TECHNICIAN REVIEWING RESULTS DATE

DR 4990

WASHINGTON
ALCOTEST 9510

SERIAL NO.: ARAH-0076
TEST NO.: 00203
DATE: 10/01/2013

SUPERVISOR TEST

	g/210L	TIME
DIAGNOSTIC	OK	14:07
AIR BLANK	0.000	14:07
EXT STD IR	0.211	14:08
EXT STD EC	0.208	14:08
AIR BLANK	0.000	14:09
EXT STD IR	0.211	14:10
EXT STD EC	0.208	14:10
AIR BLANK	0.000	14:11
EXT STD IR	0.209	14:12
EXT STD EC	0.207	14:12
AIR BLANK	0.000	14:14
EXT STD IR	0.209	14:14
EXT STD EC	0.207	14:14
AIR BLANK	0.000	14:16
EXT STD IR	0.209	14:16
EXT STD EC	0.207	14:16
AIR BLANK	0.000	14:18
EXT STD IR	0.208	14:18
EXT STD EC	0.207	14:18
AIR BLANK	0.000	14:20
EXT STD IR	0.209	14:20
EXT STD EC	0.208	14:20
AIR BLANK	0.000	14:22
EXT STD IR	0.209	14:22
EXT STD EC	0.208	14:22
AIR BLANK	0.000	14:24
EXT STD IR	0.209	14:25
EXT STD EC	0.207	14:25
AIR BLANK	0.000	14:26
EXT STD IR	0.208	14:27
EXT STD EC	0.207	14:27
AIR BLANK	0.000	14:27
DIAGNOSTIC	OK	14:28

OPERATOR SIGNATURE: Cam Ro

METHOD VALIDATION DRAEGER ALCOTEST 9510

DRAEGER ALCOTEST 9510 SERIAL NUMBER: ARAH-0076

DATE OF TESTS: 10/7/2013

	I/R	E/C
Simulator #:	**DR4990**	**DR4990**
Sim Therm#:	**DR4990**	**DR4990**
Batch#:	**D00007**	**D00007**
Reference Value:	**0.2024**	**0.2024**
	0.203	0.199
	0.205	0.200
	0.206	0.202
	0.206	0.202
	0.207	0.202
	0.207	0.202
	0.207	0.202
	0.208	0.202
	0.207	0.201
	0.207	0.201
Mean:	0.2063	0.2013
SD:	0.0014	0.0011
Bias %:	1.93	-0.54
CV %:	0.68	0.55
Mean-Ref. Value Difference:	0.0039	-0.0011

10-7-13

NAME OF TECHNICIAN PERFORMING TESTS DATE

Sam O'Brien 10-25-13

NAME OF TECHNICIAN REVIEWING RESULTS DATE

DR4990

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**************************
      WASHINGTON
   ALCOTEST 9510

SERIAL NO.:        ARAH-0076
TEST NO.:              00213
DATE:           10/07/2013
**************************
     SUPERVISOR TEST
**************************
                g/210L   TIME
DIAGNOSTIC OK            13:46
AIR BLANK       0.000    13:46
EXT STD IR      0.203    13:47
EXT STD EC      0.199    13:47
AIR BLANK       0.000    13:49
EXT STD IR      0.205    13:49
EXT STD EC      0.200    13:49
AIR BLANK       0.000    13:51
EXT STD IR      0.206    13:51
EXT STD EC      0.202    13:51
AIR BLANK       0.000    13:53
EXT STD IR      0.206    13:53
EXT STD EC      0.202    13:53
AIR BLANK       0.000    13:55
EXT STD IR      0.207    13:55
EXT STD EC      0.202    13:55
AIR BLANK       0.000    13:57
EXT STD IR      0.207    13:57
EXT STD EC      0.202    13:57
AIR BLANK       0.000    13:59
EXT STD IR      0.207    14:00
EXT STD EC      0.202    14:00
AIR BLANK       0.000    14:01
EXT STD IR      0.208    14:02
EXT STD EC      0.202    14:02
AIR BLANK       0.000    14:03
EXT STD IR      0.207    14:04
EXT STD EC      0.201    14:04
AIR BLANK       0.000    14:05
EXT STD IR      0.207    14:06
EXT STD EC      0.201    14:06
AIR BLANK       0.000    14:07
DIAGNOSTIC OK            14:08
**************************
OPERATOR SIGNATURE:
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METHOD VALIDATION DRAEGER ALCOTEST 9510

DRAEGER ALCOTEST 9510 SERIAL NUMBER: ARAH-0076

DATE OF TESTS: 10/14/2013

	I/R	E/C
Simulator #:	**DR4990**	**DR4990**
Sim Therm#:	**DR4990**	**DR4990**
Batch#:	**D00007**	**D00007**
Reference Value:	**0.2024**	**0.2024**
	0.204	0.198
	0.208	0.202
	0.209	0.204
	0.210	0.204
	0.211	0.204
	0.210	0.204
	0.210	0.204
	0.211	0.203
	0.211	0.204
	0.210	0.202
Mean:	0.2094	0.2029
SD:	0.0021	0.0019
Bias %:	3.46	0.25
CV %:	1.00	0.94
Mean-Ref. Value Difference:	0.0070	0.0005

DR4990

WASHINGTON
ALCOTEST 9510

SERIAL NO.: ARAH-0076
TEST NO.: 00223
DATE: 10/14/2013

SUPERVISOR TEST

	g/210L	TIME
DIAGNOSTIC	OK	15:17
AIR BLANK	0.000	15:17
EXT STD IR	0.204	15:18
EXT STD EC	0.198	15:18
AIR BLANK	0.000	15:20
EXT STD IR	0.208	15:20
EXT STD EC	0.202	15:20
AIR BLANK	0.000	15:22
EXT STD IR	0.209	15:22
EXT STD EC	0.204	15:22
AIR BLANK	0.000	15:24
EXT STD IR	0.210	15:24
EXT STD EC	0.204	15:24
AIR BLANK	0.000	15:26
EXT STD IR	0.211	15:26
EXT STD EC	0.204	15:26
AIR BLANK	0.000	15:28
EXT STD IR	0.210	15:28
EXT STD EC	0.204	15:28
AIR BLANK	0.000	15:30
EXT STD IR	0.210	15:31
EXT STD EC	0.204	15:31
AIR BLANK	0.000	15:32
EXT STD IR	0.211	15:33
EXT STD EC	0.203	15:33
AIR BLANK	0.000	15:34
EXT STD IR	0.211	15:35
EXT STD EC	0.204	15:35
AIR BLANK	0.000	15:37
EXT STD IR	0.210	15:37
EXT STD EC	0.202	15:37
AIR BLANK	0.000	15:38
DIAGNOSTIC	OK	15:39

OPERATOR SIGNATURE:

10-14-13

NAME OF TECHNICIAN PERFORMING TESTS DATE

10-25-13

NAME OF TECHNICIAN REVIEWING RESULTS DATE

TEST DOCUMENTS

INSTRUMENT SERIAL NUMBER
ARAH-0076

BATCH D00008

METHOD VALIDATION DRAEGER ALCOTEST 9510

DRAEGER ALCOTEST 9510 SERIAL NUMBER: ARAH-0076

DATE OF TESTS: 9/25/2013

	I/R	E/C
Simulator #:	**DR4990**	**DR4990**
Sim Therm#:	**DR4990**	**DR4990**
Batch#:	**D00008**	**D00008**
Reference Value:	**0.3044**	**0.3044**
	0.300	0.299
	0.303	0.301
	0.305	0.302
	0.305	0.302
	0.306	0.303
	0.306	0.301
	0.307	0.302
	0.307	0.303
	0.308	0.303
	0.309	0.304
Mean:	0.3056	0.3020
SD:	0.0026	0.0014
Bias %:	0.39	-0.79
CV %:	0.85	0.46
Mean-Ref. Value Difference:	0.0012	-0.0024

9-25-13

NAME OF TECHNICIAN PERFORMING TESTS DATE

Sam O'Brien 10-25-13

NAME OF TECHNICIAN REVIEWING RESULTS DATE

DR4990

WASHINGTON
ALCOTEST 9510

SERIAL NO.: ARAH-0076
TEST NO.: 00184
DATE: 09/25/2013

SUPERVISOR TEST

	g/210L	TIME
DIAGNOSTIC	OK	16:56
AIR BLANK	0.000	16:56
EXT STD IR	0.300	16:56
EXT STD EC	0.299	16:56
AIR BLANK	0.000	16:58
EXT STD IR	0.303	16:59
EXT STD EC	0.301	16:59
AIR BLANK	0.000	17:00
EXT STD IR	0.305	17:01
EXT STD EC	0.302	17:01
AIR BLANK	0.000	17:03
EXT STD IR	0.305	17:03
EXT STD EC	0.302	17:03
AIR BLANK	0.000	17:05
EXT STD IR	0.306	17:05
EXT STD EC	0.303	17:05
AIR BLANK	0.000	17:07
EXT STD IR	0.306	17:07
EXT STD EC	0.301	17:07
AIR BLANK	0.000	17:09
EXT STD IR	0.307	17:10
EXT STD EC	0.302	17:10
AIR BLANK	0.000	17:11
EXT STD IR	0.307	17:12
EXT STD EC	0.303	17:12
AIR BLANK	0.000	17:14
EXT STD IR	0.308	17:14
EXT STD EC	0.303	17:14
AIR BLANK	0.000	17:16
EXT STD IR	0.309	17:16
EXT STD EC	0.304	17:16
AIR BLANK	0.000	17:17
DIAGNOSTIC	OK	17:18

OPERATOR SIGNATURE:

METHOD VALIDATION DRAEGER ALCOTEST 9510

DRAEGER ALCOTEST 9510 SERIAL NUMBER: ARAH-0076

DATE OF TESTS: 9/30/2013

	I/R	E/C
Simulator #:	**DR4990**	**DR4990**
Sim Therm#:	**DR4990**	**DR4990**
Batch#:	**D00008**	**D00008**
Reference Value:	**0.3044**	**0.3044**
	0.302	0.302
	0.307	0.308
	0.308	0.309
	0.311	0.311
	0.311	0.312
	0.312	0.311
	0.312	0.311
	0.311	0.309
	0.312	0.310
	0.312	0.310
Mean:	0.3098	0.3093
SD:	0.0033	0.0028
Bias %:	1.77	1.61
CV %:	1.07	0.91
Mean-Ref. Value Difference:	0.0054	0.0049

9-30-13

NAME OF TECHNICIAN PERFORMING TESTS DATE

Sam O'Brien 10-25-13

NAME OF TECHNICIAN REVIEWING RESULTS DATE

DR4990

WASHINGTON
ALCOTEST 9510

SERIAL NO.: ARAH-0076
TEST NO.: 00194
DATE: 09/30/2013

SUPERVISOR TEST

	g/210L	TIME
DIAGNOSTIC	OK	17:15
AIR BLANK	0.000	17:16
EXT STD IR	0.302	17:16
EXT STD EC	0.302	17:16
AIR BLANK	0.000	17:18
EXT STD IR	0.307	17:18
EXT STD EC	0.308	17:18
AIR BLANK	0.000	17:20
EXT STD IR	0.308	17:20
EXT STD EC	0.309	17:20
AIR BLANK	0.000	17:22
EXT STD IR	0.311	17:23
EXT STD EC	0.311	17:23
AIR BLANK	0.000	17:24
EXT STD IR	0.311	17:25
EXT STD EC	0.312	17:25
AIR BLANK	0.000	17:27
EXT STD IR	0.312	17:27
EXT STD EC	0.311	17:27
AIR BLANK	0.000	17:29
EXT STD IR	0.312	17:29
EXT STD EC	0.311	17:29
AIR BLANK	0.000	17:31
EXT STD IR	0.311	17:31
EXT STD EC	0.309	17:31
AIR BLANK	0.000	17:33
EXT STD IR	0.312	17:34
EXT STD EC	0.310	17:34
AIR BLANK	0.000	17:35
EXT STD IR	0.312	17:36
EXT STD EC	0.310	17:36
AIR BLANK	0.000	17:36
DIAGNOSTIC	OK	17:37

OPERATOR SIGNATURE:

METHOD VALIDATION DRAEGER ALCOTEST 9510

DRAEGER ALCOTEST 9510 SERIAL NUMBER: ARAH-0076

DATE OF TESTS: 10/1/2013

	I/R	E/C
Simulator #:	**DR4990**	**DR4990**
Sim Therm#:	**DR4990**	**DR4990**
Batch#:	**D00008**	**D00008**
Reference Value:	**0.3044**	**0.3044**
	0.300	0.297
	0.304	0.299
	0.305	0.301
	0.307	0.303
	0.309	0.304
	0.310	0.305
	0.311	0.305
	0.311	0.306
	0.312	0.305
	0.312	0.306
Mean:	0.3081	0.3031
SD:	0.0040	0.0031
Bias %:	1.22	-0.43
CV %:	1.30	1.02
Mean-Ref. Value Difference:	0.0037	-0.0013

Cam Brin 10-1-13

NAME OF TECHNICIAN PERFORMING TESTS DATE

Cam O'Brien 10-25-13

NAME OF TECHNICIAN REVIEWING RESULTS DATE

DR4990

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WASHINGTON
ALCOTEST 9510

SERIAL NO.: ARAH-0076
TEST NO.: 00204
DATE: 10/01/2013

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SUPERVISOR TEST

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	g/210L	TIME
DIAGNOSTIC	OK	14:57
AIR BLANK	0.000	14:57
EXT STD IR	0.300	14:57
EXT STD EC	0.297	14:57
AIR BLANK	0.000	14:59
EXT STD IR	0.304	15:00
EXT STD EC	0.299	15:00
AIR BLANK	0.000	15:02
EXT STD IR	0.305	15:02
EXT STD EC	0.301	15:02
AIR BLANK	0.000	15:04
EXT STD IR	0.307	15:04
EXT STD EC	0.303	15:04
AIR BLANK	0.000	15:06
EXT STD IR	0.309	15:06
EXT STD EC	0.304	15:06
AIR BLANK	0.000	15:08
EXT STD IR	0.310	15:09
EXT STD EC	0.305	15:09
AIR BLANK	0.000	15:10
EXT STD IR	0.311	15:11
EXT STD EC	0.305	15:11
AIR BLANK	0.000	15:13
EXT STD IR	0.311	15:13
EXT STD EC	0.306	15:13
AIR BLANK	0.000	15:15
EXT STD IR	0.312	15:15
EXT STD EC	0.305	15:15
AIR BLANK	0.000	15:17
EXT STD IR	0.312	15:18
EXT STD EC	0.306	15:18
AIR BLANK	0.000	15:18
DIAGNOSTIC	OK	15:19

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OPERATOR SIGNATURE:

Cam Brin

METHOD VALIDATION DRAEGER ALCOTEST 9510

DRAEGER ALCOTEST 9510 SERIAL NUMBER: ARAH-0076

DATE OF TESTS: 10/7/2013

	I/R	E/C
Simulator #:	**DR4990**	**DR4990**
Sim Therm#:	**DR4990**	**DR4990**
Batch#:	**D00008**	**D00008**
Reference Value:	**0.3044**	**0.3044**
	0.308	0.300
	0.317	0.308
	0.319	0.311
	0.319	0.309
	0.318	0.308
	0.316	0.305
	0.317	0.304
	0.316	0.304
	0.316	0.303
	0.316	0.302
Mean:	0.3162	0.3054
SD:	0.0031	0.0035
Bias %:	3.88	0.33
CV %:	0.98	1.15
Mean-Ref. Value Difference:	0.0118	0.001

DR4990

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**************************
      WASHINGTON
    ALCOTEST 9510

SERIAL NO.:        ARAH-0076
TEST NO.:              00214
DATE:           10/07/2013
**************************
    SUPERVISOR TEST
**************************
                g/210L   TIME
DIAGNOSTIC OK            14:40
AIR BLANK       0.000    14:40
EXT STD IR      0.308    14:40
EXT STD EC      0.300    14:40
AIR BLANK       0.000    14:42
EXT STD IR      0.317    14:43
EXT STD EC      0.308    14:43
AIR BLANK       0.000    14:44
EXT STD IR      0.319    14:45
EXT STD EC      0.311    14:45
AIR BLANK       0.000    14:47
EXT STD IR      0.319    14:47
EXT STD EC      0.309    14:47
AIR BLANK       0.000    14:49
EXT STD IR      0.318    14:49
EXT STD EC      0.308    14:49
AIR BLANK       0.000    14:51
EXT STD IR      0.316    14:52
EXT STD EC      0.305    14:52
AIR BLANK       0.000    14:54
EXT STD IR      0.317    14:54
EXT STD EC      0.304    14:54
AIR BLANK       0.000    14:56
EXT STD IR      0.316    14:56
EXT STD EC      0.304    14:56
AIR BLANK       0.000    14:58
EXT STD IR      0.316    14:58
EXT STD EC      0.303    14:58
AIR BLANK       0.000    15:00
EXT STD IR      0.316    15:01
EXT STD EC      0.302    15:01
AIR BLANK       0.000    15:01
DIAGNOSTIC OK            15:02
**************************
OPERATOR SIGNATURE:
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Tom Brien 10-7-13

NAME OF TECHNICIAN PERFORMING TESTS DATE

Tom O'Brien 10-25-13

NAME OF TECHNICIAN REVIEWING RESULTS DATE

METHOD VALIDATION DRAEGER ALCOTEST 9510

DRAEGER ALCOTEST 9510 SERIAL NUMBER: ARAH-0076

DATE OF TESTS: 10/14/2013

	I/R	E/C
Simulator #:	DR4990	DR4990
Sim Therm#:	DR4990	DR4990
Batch#:	D00008	D00008
Reference Value:	0.3044	0.3044
	0.309	0.298
	0.314	0.302
	0.315	0.302
	0.316	0.303
	0.316	0.303
	0.317	0.303
	0.315	0.300
	0.315	0.300
	0.315	0.299
	0.316	0.300
Mean:	0.3148	0.3010
SD:	0.0022	0.0018
Bias %:	3.42	-1.12
CV %:	0.70	0.60
Mean-Ref. Value Difference:	0.0104	-0.0034

DR4990

WASHINGTON
ALCOTEST 9510

SERIAL NO.: ARAH-0076
TEST NO.: 00224
DATE: 10/14/2013

SUPERVISOR TEST

	g/210L	TIME
DIAGNOSTIC	OK	15:52
AIR BLANK	0.000	15:52
EXT STD IR	0.309	15:52
EXT STD EC	0.298	15:52
AIR BLANK	0.000	15:54
EXT STD IR	0.314	15:55
EXT STD EC	0.302	15:55
AIR BLANK	0.000	15:56
EXT STD IR	0.315	15:57
EXT STD EC	0.302	15:57
AIR BLANK	0.000	15:59
EXT STD IR	0.316	15:59
EXT STD EC	0.303	15:59
AIR BLANK	0.000	16:01
EXT STD IR	0.316	16:01
EXT STD EC	0.303	16:01
AIR BLANK	0.000	16:03
EXT STD IR	0.317	16:04
EXT STD EC	0.303	16:04
AIR BLANK	0.000	16:06
EXT STD IR	0.315	16:06
EXT STD EC	0.300	16:06
AIR BLANK	0.000	16:08
EXT STD IR	0.315	16:08
EXT STD EC	0.300	16:08
AIR BLANK	0.000	16:10
EXT STD IR	0.315	16:11
EXT STD EC	0.299	16:11
AIR BLANK	0.000	16:12
EXT STD IR	0.316	16:13
EXT STD EC	0.300	16:13
AIR BLANK	0.000	16:13
DIAGNOSTIC	OK	16:15

OPERATOR SIGNATURE:

10-14-13
NAME OF TECHNICIAN PERFORMING TESTS DATE

10-25-13
NAME OF TECHNICIAN REVIEWING RESULTS DATE

TEST DOCUMENTS

INSTRUMENT SERIAL NUMBER
ARAH-0076

BATCH D00009

METHOD VALIDATION DRAEGER ALCOTEST 9510

DRAEGER ALCOTEST 9510 SERIAL NUMBER: ARAH-0076

DATE OF TESTS: 9/25/2013

	I/R	E/C
Simulator #:	**DR4968**	**DR4968**
Sim Therm#:	**DR4968**	**DR4968**
Batch#:	**D00009**	**D00009**
Reference Value:	**0.4026**	**0.4026**
	0.400	0.397
	0.402	0.396
	0.401	0.396
	0.403	0.396
	0.404	0.398
	0.405	0.399
	0.406	0.399
	0.405	0.399
	0.403	0.396
	0.403	0.396
Mean:	0.4032	0.3972
SD:	0.0019	0.0014
Bias %:	0.15	-1.34
CV %:	0.47	0.35
Mean-Ref. Value Difference:	0.0006	-0.0054

Cam Rice 9-25-13

NAME OF TECHNICIAN PERFORMING TESTS DATE

Sam O'Brien 10-25-13

NAME OF TECHNICIAN REVIEWING RESULTS DATE

DR4968

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WASHINGTON
ALCOTEST 9510

SERIAL NO.: ARAH-0076
TEST NO.: 00185
DATE: 09/25/2013

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SUPERVISOR TEST

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	g/210L	TIME
DIAGNOSTIC	OK	17:22
AIR BLANK	0.000	17:22
EXT STD IR	0.400	17:22
EXT STD EC	0.397	17:22
AIR BLANK	0.000	17:24
EXT STD IR	0.402	17:24
EXT STD EC	0.396	17:24
AIR BLANK	0.000	17:26
EXT STD IR	0.401	17:27
EXT STD EC	0.396	17:27
AIR BLANK	0.000	17:29
EXT STD IR	0.403	17:29
EXT STD EC	0.396	17:29
AIR BLANK	0.000	17:31
EXT STD IR	0.404	17:31
EXT STD EC	0.398	17:31
AIR BLANK	0.000	17:33
EXT STD IR	0.405	17:34
EXT STD EC	0.399	17:34
AIR BLANK	0.000	17:36
EXT STD IR	0.406	17:36
EXT STD EC	0.399	17:36
AIR BLANK	0.000	17:38
EXT STD IR	0.405	17:38
EXT STD EC	0.399	17:38
AIR BLANK	0.000	17:40
EXT STD IR	0.403	17:41
EXT STD EC	0.396	17:41
AIR BLANK	0.000	17:43
EXT STD IR	0.403	17:43
EXT STD EC	0.396	17:43
AIR BLANK	0.000	17:44
DIAGNOSTIC	OK	17:45

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OPERATOR SIGNATURE:

Cam Rice

METHOD VALIDATION DRAEGER ALCOTEST 9510

DRAEGER ALCOTEST 9510 SERIAL NUMBER: ARAH-0076

DATE OF TESTS: 9/30/2013

	I/R	E/C
Simulator #:	**DR4990**	**DR4990**
Sim Therm#:	**DR4990**	**DR4990**
Batch#:	**D00009**	**D00009**
Reference Value:	**0.4026**	**0.4026**
	0.410	0.409
	0.412	0.412
	0.413	0.412
	0.414	0.412
	0.413	0.410
	0.413	0.409
	0.413	0.409
	0.412	0.408
	0.413	0.408
	0.413	0.408
Mean:	0.4126	0.4097
SD:	0.0011	0.0017
Bias %:	2.48	1.76
CV %:	0.27	0.41
Mean-Ref. Value Difference:	0.0100	0.0071

Sam R 9-30-13

NAME OF TECHNICIAN PERFORMING TESTS DATE

Sam O'Brien 10-25-13

NAME OF TECHNICIAN REVIEWING RESULTS DATE

DR4990

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WASHINGTON
ALCOTEST 9510

SERIAL NO.: ARAH-0076
TEST NO.: 00195
DATE: 09/30/2013

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SUPERVISOR TEST

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	g/210L	TIME
DIAGNOSTIC	OK	17:51
AIR BLANK	0.000	17:51
EXT STD IR	0.410	17:52
EXT STD EC	0.409	17:52
AIR BLANK	0.000	17:53
EXT STD IR	0.412	17:54
EXT STD EC	0.412	17:54
AIR BLANK	0.000	17:56
EXT STD IR	0.413	17:56
EXT STD EC	0.412	17:56
AIR BLANK	0.000	17:58
EXT STD IR	0.414	17:58
EXT STD EC	0.412	17:58
AIR BLANK	0.000	18:00
EXT STD IR	0.413	18:01
EXT STD EC	0.410	18:01
AIR BLANK	0.000	18:03
EXT STD IR	0.413	18:03
EXT STD EC	0.409	18:03
AIR BLANK	0.000	18:05
EXT STD IR	0.413	18:06
EXT STD EC	0.409	18:06
AIR BLANK	0.000	18:07
EXT STD IR	0.412	18:08
EXT STD EC	0.408	18:08
AIR BLANK	0.000	18:10
EXT STD IR	0.413	18:10
EXT STD EC	0.408	18:10
AIR BLANK	0.000	18:12
EXT STD IR	0.413	18:13
EXT STD EC	0.408	18:13
AIR BLANK	0.000	18:13
DIAGNOSTIC	OK	18:14

****

OPERATOR SIGNATURE:

METHOD VALIDATION DRAEGER ALCOTEST 9510

DRAEGER ALCOTEST 9510 SERIAL NUMBER: ARAH-0076

DATE OF TESTS: 10/1/2013

	I/R	E/C
Simulator #:	**DR4990**	**DR4990**
Sim Therm#:	**DR4990**	**DR4990**
Batch#:	**D00009**	**D00009**
Reference Value:	**0.4026**	**0.4026**
	0.416	0.411
	0.419	0.412
	0.418	0.413
	0.417	0.411
	0.417	0.409
	0.416	0.407
	0.416	0.406
	0.417	0.406
	0.416	0.405
	0.415	0.404
Mean:	0.4167	0.4084
SD:	0.0012	0.0032
Bias %:	3.50	1.44
CV %:	0.29	0.78
Mean-Ref. Value Difference:	0.0141	0.0058

Pam B 10-1-13

NAME OF TECHNICIAN PERFORMING TESTS DATE

Pam O'Brien 10-25-13

NAME OF TECHNICIAN REVIEWING RESULTS DATE

DR4990

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WASHINGTON
ALCOTEST 9510

SERIAL NO.: ARAH-0076
TEST NO.: 00205
DATE: 10/01/2013

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SUPERVISOR TEST

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	g/210L	TIME
DIAGNOSTIC	OK	15:58
AIR BLANK	0.000	15:58
EXT STD IR	0.416	15:58
EXT STD EC	0.411	15:58
AIR BLANK	0.000	16:00
EXT STD IR	0.419	16:01
EXT STD EC	0.412	16:01
AIR BLANK	0.000	16:03
EXT STD IR	0.418	16:03
EXT STD EC	0.413	16:03
AIR BLANK	0.000	16:05
EXT STD IR	0.417	16:05
EXT STD EC	0.411	16:05
AIR BLANK	0.000	16:07
EXT STD IR	0.417	16:08
EXT STD EC	0.409	16:08
AIR BLANK	0.000	16:10
EXT STD IR	0.416	16:10
EXT STD EC	0.407	16:10
AIR BLANK	0.000	16:12
EXT STD IR	0.416	16:13
EXT STD EC	0.406	16:13
AIR BLANK	0.000	16:14
EXT STD IR	0.417	16:15
EXT STD EC	0.406	16:15
AIR BLANK	0.000	16:17
EXT STD IR	0.416	16:17
EXT STD EC	0.405	16:17
AIR BLANK	0.000	16:19
EXT STD IR	0.415	16:20
EXT STD EC	0.404	16:20
AIR BLANK	0.000	16:20
DIAGNOSTIC	OK	16:22

****

OPERATOR SIGNATURE: Pam B

METHOD VALIDATION DRAEGER ALCOTEST 9510

DRAEGER ALCOTEST 9510 SERIAL NUMBER: ARAH-0076

DATE OF TESTS: 10/7/2013

	I/R	E/C
Simulator #:	**DR4990**	**DR4990**
Sim Therm#:	**DR4990**	**DR4990**
Batch#:	**D00009**	**D00009**
Reference Value:	**0.4026**	**0.4026**
	0.396	0.380
	0.403	0.386
	0.406	0.388
	0.407	0.388
	0.407	0.389
	0.408	0.388
	0.409	0.388
	0.410	0.388
	0.410	0.389
	0.411	0.388
Mean:	0.4067	0.3872
SD:	0.0044	0.0027
Bias %:	1.02	-3.83
CV %:	1.08	0.70
Mean-Ref. Value Difference:	0.0041	-0.0154

Cam Brien 10-7-13

NAME OF TECHNICIAN PERFORMING TESTS DATE

Cam O'Brien 10-25-13

NAME OF TECHNICIAN REVIEWING RESULTS DATE

DR4990

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**************************
      WASHINGTON
    ALCOTEST 9510

SERIAL NO.:        ARAH-0076
TEST NO.:              00215
DATE:           10/07/2013
**************************
    SUPERVISOR TEST
**************************
                g/210L   TIME
DIAGNOSTIC      OK       15:39
AIR BLANK       0.000    15:39
EXT STD IR      0.396    15:40
EXT STD EC      0.380    15:40
AIR BLANK       0.000    15:41
EXT STD IR      0.403    15:42
EXT STD EC      0.386    15:42
AIR BLANK       0.000    15:44
EXT STD IR      0.406    15:44
EXT STD EC      0.388    15:44
AIR BLANK       0.000    15:46
EXT STD IR      0.407    15:47
EXT STD EC      0.388    15:47
AIR BLANK       0.000    15:48
EXT STD IR      0.407    15:49
EXT STD EC      0.389    15:49
AIR BLANK       0.000    15:51
EXT STD IR      0.408    15:51
EXT STD EC      0.388    15:51
AIR BLANK       0.000    15:53
EXT STD IR      0.409    15:54
EXT STD EC      0.388    15:54
AIR BLANK       0.000    15:55
EXT STD IR      0.410    15:56
EXT STD EC      0.388    15:56
AIR BLANK       0.000    15:58
EXT STD IR      0.410    15:58
EXT STD EC      0.389    15:58
AIR BLANK       0.000    16:00
EXT STD IR      0.411    16:01
EXT STD EC      0.388    16:01
AIR BLANK       0.000    16:01
DIAGNOSTIC      OK       16:02
**************************
OPERATOR SIGNATURE:
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Cam Brien

METHOD VALIDATION DRAEGER ALCOTEST 9510

DRAEGER ALCOTEST 9510 SERIAL NUMBER: ARAH-0076

DATE OF TESTS: 10/14/2013

	I/R	E/C
Simulator #:	**DR4990**	**DR4990**
Sim Therm#:	**DR4990**	**DR4990**
Batch#:	**D00009**	**D00009**
Reference Value:	**0.4026**	**0.4026**
	0.399	0.379
	0.411	0.392
	0.413	0.392
	0.413	0.391
	0.415	0.392
	0.414	0.391
	0.415	0.390
	0.415	0.391
	0.416	0.390
	0.416	0.390
Mean:	0.4127	0.3898
SD:	0.0051	0.0039
Bias %:	2.51	-3.18
CV %:	1.24	1.00
Mean-Ref. Value Difference:	0.0101	-0.0128

DR4990

WASHINGTON
ALCOTEST 9510

SERIAL NO.: ARAH-0076
TEST NO.: 00225
DATE: 10/14/2013

SUPERVISOR TEST

	g/210L	TIME
DIAGNOSTIC	OK	16:35
AIR BLANK	0.000	16:35
EXT STD IR	0.399	16:36
EXT STD EC	0.379	16:36
AIR BLANK	0.000	16:38
EXT STD IR	0.411	16:38
EXT STD EC	0.392	16:38
AIR BLANK	0.000	16:40
EXT STD IR	0.413	16:40
EXT STD EC	0.392	16:40
AIR BLANK	0.000	16:42
EXT STD IR	0.413	16:43
EXT STD EC	0.391	16:43
AIR BLANK	0.000	16:45
EXT STD IR	0.415	16:45
EXT STD EC	0.392	16:45
AIR BLANK	0.000	16:47
EXT STD IR	0.414	16:48
EXT STD EC	0.391	16:48
AIR BLANK	0.000	16:50
EXT STD IR	0.415	16:50
EXT STD EC	0.390	16:50
AIR BLANK	0.000	16:52
EXT STD IR	0.415	16:52
EXT STD EC	0.391	16:52
AIR BLANK	0.000	16:54
EXT STD IR	0.416	16:55
EXT STD EC	0.390	16:55
AIR BLANK	0.000	16:57
EXT STD IR	0.416	16:57
EXT STD EC	0.390	16:57
AIR BLANK	0.000	16:58
DIAGNOSTIC	OK	16:59

OPERATOR SIGNATURE:

10-14-13
NAME OF TECHNICIAN PERFORMING TESTS DATE

Tom O'Brien 10-25-13
NAME OF TECHNICIAN REVIEWING RESULTS DATE