METHOD VALIDATION TESTING DRAEGER ALCOTEST 9510

CARRYOVER TESTING

DATE: 4-24-13

DRAEGER ALCOTEST 9510 SERIAL NUMBER: ARAH-0103

SOLUTION BATCH NUMBER: T00015

	SIMULATOR SERIAL NUMBER	THERMOMETER SERIAL NUMBER	SIMULATOR TEMP 34° +/- 0.2°C Y/N?	RESULT IR	RESULT CC	TIME OF RESULT
SAMPLE 1 WATER	DR4535	DR4535	Y	.000	.000	1334
SAMPLE 1 ETHANOL	DR4534	DR4534	Y	.304	.305	1331
SAMPLE 2 WATER	DR4535	DR4535	Y	.000	.000	1338
SAMPLE 2 ETHANOL	DR4534	DR4534	Y	.305	.306	1335
SAMPLE 3 WATER	DR4535	DR4535	Y	.000	.000	1342
SAMPLE 3 ETHANOL	DR4534	DR4534	Y	.307	.308	1340

J.P. Van Diest — TECHNICIAN PERFORMING TESTS — SIGNATURE — DATE 4-24-13

TECHNICIAN PERFORMING TESTS — SIGNATURE — DATE 4-24-13

Review

CARRYOVER – INSTRUMENT PRINTED DOCUMENTS

****
WASHINGTON
ALCOTEST 9510

SERIAL NO.: ARAH-0103
TEST NO.: 00061
DATE: 04/24/2013
****
SUPERVISOR TEST
****

	g/210L	TIME
DIAGNOSTIC	OK	13:42
AIR BLANK	0.000	13:42
EXT STD IR	0.000	13:42
EXT STD EC	0.000	13:42
AIR BLANK	0.000	13:43
DIAGNOSTIC	OK	13:43

****
OPERATOR SIGNATURE:

****
WASHINGTON
ALCOTEST 9510

SERIAL NO.: ARAH-0103
TEST NO.: 00060
DATE: 04/24/2013
****
SUPERVISOR TEST
****

	g/210L	TIME
DIAGNOSTIC	OK	13:39
AIR BLANK	0.000	13:39
EXT STD IR	0.307	13:40
EXT STD EC	0.308	13:40
AIR BLANK	0.000	13:40
DIAGNOSTIC	OK	13:41

****
OPERATOR SIGNATURE:

****
WASHINGTON
ALCOTEST 9510

SERIAL NO.: ARAH-0103
TEST NO.: 00059
DATE: 04/24/2013
****
SUPERVISOR TEST
****

	g/210L	TIME
DIAGNOSTIC	OK	13:37
AIR BLANK	0.000	13:38
EXT STD IR	0.000	13:38
EXT STD EC	0.000	13:38
AIR BLANK	0.000	13:38
DIAGNOSTIC	OK	13:39

****
OPERATOR SIGNATURE:

****
WASHINGTON
ALCOTEST 9510

SERIAL NO.: ARAH-0103
TEST NO.: 00058
DATE: 04/24/2013
****
SUPERVISOR TEST
****

	g/210L	TIME
DIAGNOSTIC	OK	13:35
AIR BLANK	0.000	13:35
EXT STD IR	0.305	13:35
EXT STD EC	0.306	13:35
AIR BLANK	0.000	13:36
DIAGNOSTIC	OK	13:37

****
OPERATOR SIGNATURE:

****
WASHINGTON
ALCOTEST 9510

SERIAL NO.: ARAH-0103
TEST NO.: 00057
DATE: 04/24/2013
****
SUPERVISOR TEST
****

	g/210L	TIME
DIAGNOSTIC	OK	13:33
AIR BLANK	0.000	13:33
EXT STD IR	0.000	13:34
EXT STD EC	0.000	13:34
AIR BLANK	0.000	13:34
DIAGNOSTIC	OK	13:35

****
OPERATOR SIGNATURE:

****
WASHINGTON
ALCOTEST 9510

SERIAL NO.: ARAH-0103
TEST NO.: 00056
DATE: 04/24/2013
****
SUPERVISOR TEST
****

	g/210L	TIME
DIAGNOSTIC	OK	13:31
AIR BLANK	0.000	13:31
EXT STD IR	0.304	13:31
EXT STD EC	0.305	13:31
AIR BLANK	0.000	13:32
DIAGNOSTIC	OK	13:33

****
OPERATOR SIGNATURE:

METHOD VALIDATION TESTING DRAEGER ALCOTEST 9510

CARRYOVER TESTING

DATE: 4-24-13

DRAEGER ALCOTEST 9510 SERIAL NUMBER: ARAH-0103

SOLUTION BATCH NUMBER: T00017

	SIMULATOR SERIAL NUMBER	THERMOMETER SERIAL NUMBER	SIMULATOR TEMP 34° +/- 0.2°C Y/N?	RESULT IR	RESULT EC	TIME OF RESULT
SAMPLE 1 WATER	DR4535	DR4535	Y	.000	.000	1409
SAMPLE 1 ETHANOL	DR4534	DR4534	Y	.491	.498	1407
SAMPLE 2 WATER	DR4535	DR4535	Y	.000	.000	1414
SAMPLE 2 ETHANOL	DR4534	DR4534	Y	.493	.503	1411
SAMPLE 3 WATER	DR4535	DR4535	Y	.000	.000	1419
SAMPLE 3 ETHANOL	DR4534	DR4534	Y	.496	.506	1416

J.P. VAN DIEST — TECHNICIAN PERFORMING TESTS — SIGNATURE — DATE 4-24-13

TECHNICIAN PERFORMING TESTS — SIGNATURE — DATE 4-24-13

Review

CARRYOVER – INSTRUMENT PRINTED DOCUMENTS

****
WASHINGTON
ALCOTEST 9510

SERIAL NO.: ARAH-0103
TEST NO.: 00062
DATE: 04/24/2013
****
SUPERVISOR TEST
****

	g/210L	TIME
DIAGNOSTIC	OK	14:06
AIR BLANK	0.000	14:06
EXT STD IR	0.491	14:07
EXT STD EC	0.498	14:07
AIR BLANK	0.000	14:07
DIAGNOSTIC	OK	14:09

****
OPERATOR SIGNATURE:

_____

****
WASHINGTON
ALCOTEST 9510

SERIAL NO.: ARAH-0103
TEST NO.: 00063
DATE: 04/24/2013
****
SUPERVISOR TEST
****

	g/210L	TIME
DIAGNOSTIC	OK	14:09
AIR BLANK	0.000	14:09
EXT STD IR	0.000	14:09
EXT STD EC	0.000	14:09
AIR BLANK	0.000	14:10
DIAGNOSTIC	OK	14:10

****
OPERATOR SIGNATURE:

_____

****
WASHINGTON
ALCOTEST 9510

SERIAL NO.: ARAH-0103
TEST NO.: 00064
DATE: 04/24/2013
****
SUPERVISOR TEST
****

	g/210L	TIME
DIAGNOSTIC	OK	14:11
AIR BLANK	0.000	14:11
EXT STD IR	0.493	14:11
EXT STD EC	0.503	14:11
AIR BLANK	0.000	14:12
DIAGNOSTIC	OK	14:13

****
OPERATOR SIGNATURE:

_____

****
WASHINGTON
ALCOTEST 9510

SERIAL NO.: ARAH-0103
TEST NO.: 00065
DATE: 04/24/2013
****
SUPERVISOR TEST
****

	g/210L	TIME
DIAGNOSTIC	OK	14:13
AIR BLANK	0.000	14:13
EXT STD IR	0.000	14:14
EXT STD EC	0.000	14:14
AIR BLANK	0.000	14:14
DIAGNOSTIC	OK	14:15

****
OPERATOR SIGNATURE:

_____

****
WASHINGTON
ALCOTEST 9510

SERIAL NO.: ARAH-0103
TEST NO.: 00066
DATE: 04/24/2013
****
SUPERVISOR TEST
****

	g/210L	TIME
DIAGNOSTIC	OK	14:15
AIR BLANK	0.000	14:15
EXT STD IR	0.496	14:16
EXT STD EC	0.506	14:16
AIR BLANK	0.000	14:16
DIAGNOSTIC	OK	14:18

****
OPERATOR SIGNATURE:

_____

****
WASHINGTON
ALCOTEST 9510

SERIAL NO.: ARAH-0103
TEST NO.: 00067
DATE: 04/24/2013
****
SUPERVISOR TEST
****

	g/210L	TIME
DIAGNOSTIC	OK	14:18
AIR BLANK	0.000	14:18
EXT STD IR	0.000	14:19
EXT STD EC	0.000	14:19
AIR BLANK	0.000	14:19
DIAGNOSTIC	OK	14:20

****
OPERATOR SIGNATURE:

_____

METHOD VALIDATION TESTING DRAEGER ALCOTEST 9510

CARRYOVER TESTING

DATE: 4-24-13

DRAEGER ALCOTEST 9510 SERIAL NUMBER: ARAF-0021

SOLUTION BATCH NUMBER: T00015

	SIMULATOR SERIAL NUMBER	THERMOMETER SERIAL NUMBER	SIMULATOR TEMP 34° +/- 0.2°C Y/N?	RESULT IR/EC	TIME OF RESULT
SAMPLE 1 WATER	DR4761	DR4761	Y	.000/.001	12:11
SAMPLE 1 ETHANOL	DR4760	DR4760	Y	.289/.286	12:09
SAMPLE 2 WATER	DR4761	DR4761	Y	.000/.000	12:16
SAMPLE 2 ETHANOL	DR4760	DR4760	Y	.302/.298	12:13
SAMPLE 3 WATER	DR4761	DR4761	Y	.000/.000	12:21
SAMPLE 3 ETHANOL	DR4760	DR4760	Y	.304/.302	12:19

A. HAVENNER — TECHNICIAN PERFORMING TESTS — SIGNATURE — 4-24-13 DATE

TECHNICIAN PERFORMING TESTS — SIGNATURE — 4-24-13 DATE

Review

CARRYOVER – INSTRUMENT PRINTED DOCUMENTS

****
WASHINGTON
ALCOTEST 9510

SERIAL NO.: ARAF-0021
TEST NO.: 00052
DATE: 04/24/2013
****
SUPERVISOR TEST
****

	g/210L	TIME
DIAGNOSTIC	OK	12:08
AIR BLANK	0.000	12:08
EXT STD IR	0.289	12:09
EXT STD EC	0.286	12:09
AIR BLANK	0.000	12:10
DIAGNOSTIC	OK	12:11

****
OPERATOR SIGNATURE:

****
WASHINGTON
ALCOTEST 9510

SERIAL NO.: ARAF-0021
TEST NO.: 00053
DATE: 04/24/2013
****
SUPERVISOR TEST
****

	g/210L	TIME
DIAGNOSTIC	OK	12:11
AIR BLANK	0.000	12:11
EXT STD IR	0.000	12:11
EXT STD EC	0.001	12:11
AIR BLANK	0.000	12:12
DIAGNOSTIC	OK	12:13

****
OPERATOR SIGNATURE:

****
WASHINGTON
ALCOTEST 9510

SERIAL NO.: ARAF-0021
TEST NO.: 00054
DATE: 04/24/2013
****
SUPERVISOR TEST
****

	g/210L	TIME
DIAGNOSTIC	OK	12:13
AIR BLANK	0.000	12:13
EXT STD IR	0.302	12:13
EXT STD EC	0.298	12:13
AIR BLANK	0.000	12:14
DIAGNOSTIC	OK	12:15

****
OPERATOR SIGNATURE:

****
WASHINGTON
ALCOTEST 9510

SERIAL NO.: ARAF-0021
TEST NO.: 00055
DATE: 04/24/2013
****
SUPERVISOR TEST
****

	g/210L	TIME
DIAGNOSTIC	OK	12:16
AIR BLANK	0.000	12:16
EXT STD IR	0.000	12:16
EXT STD EC	0.000	12:16
AIR BLANK	0.000	12:17
DIAGNOSTIC	OK	12:17

****
OPERATOR SIGNATURE:

****
WASHINGTON
ALCOTEST 9510

SERIAL NO.: ARAF-0021
TEST NO.: 00056
DATE: 04/24/2013
****
SUPERVISOR TEST
****

	g/210L	TIME
DIAGNOSTIC	OK	12:18
AIR BLANK	0.000	12:18
EXT STD IR	0.304	12:19
EXT STD EC	0.302	12:19
AIR BLANK	0.000	12:19
DIAGNOSTIC	OK	12:20

****
OPERATOR SIGNATURE:

****
WASHINGTON
ALCOTEST 9510

SERIAL NO.: ARAF-0021
TEST NO.: 00057
DATE: 04/24/2013
****
SUPERVISOR TEST
****

	g/210L	TIME
DIAGNOSTIC	OK	12:21
AIR BLANK	0.000	12:21
EXT STD IR	0.000	12:21
EXT STD EC	0.000	12:21
AIR BLANK	0.000	12:22
DIAGNOSTIC	OK	12:22

****
OPERATOR SIGNATURE:

METHOD VALIDATION TESTING DRAEGER ALCOTEST 9510

CARRYOVER TESTING

DATE: 4-24-13

DRAEGER ALCOTEST 9510 SERIAL NUMBER: ARAF-0021

SOLUTION BATCH NUMBER: T00017

	SIMULATOR SERIAL NUMBER	THERMOMETER SERIAL NUMBER	SIMULATOR TEMP 34° +/- 0.2°C Y/N?	RESULT IR/EC	TIME OF RESULT
SAMPLE 1 WATER	DR4761	DR4761	Y	.000/.000	12:57
SAMPLE 1 ETHANOL	DR4760	DR4760	Y	.480/.482	12:55
SAMPLE 2 WATER	DR4761	DR4761	Y	.000/.000	13:03
SAMPLE 2 ETHANOL	DR4760	DR4760	Y	.495/.498	13:00
SAMPLE 3 WATER	DR4761	DR4761	Y	.000/.000	13:08
SAMPLE 3 ETHANOL	DR4760	DR4760	Y	.498/.502	13:06

A. HAVENNER — 4-24-13
TECHNICIAN PERFORMING TESTS — SIGNATURE — DATE

4-24-13
TECHNICIAN PERFORMING TESTS — SIGNATURE — DATE

Review

CARRYOVER – INSTRUMENT PRINTED DOCUMENTS

****
WASHINGTON
ALCOTEST 9510

SERIAL NO.: ARAF-0021
TEST NO.: 00058
DATE: 04/24/2013
****
SUPERVISOR TEST
****

	g/210L	TIME
DIAGNOSTIC OK		12:54
AIR BLANK	0.000	12:54
EXT STD IR	0.480	12:55
EXT STD EC	0.482	12:55
AIR BLANK	0.000	12:55
DIAGNOSTIC OK		12:57

****
OPERATOR SIGNATURE:

****
WASHINGTON
ALCOTEST 9510

SERIAL NO.: ARAF-0021
TEST NO.: 00059
DATE: 04/24/2013
****
SUPERVISOR TEST
****

	g/210L	TIME
DIAGNOSTIC OK		12:57
AIR BLANK	0.000	12:57
EXT STD IR	0.000	12:57
EXT STD EC	0.000	12:57
AIR BLANK	0.000	12:58
DIAGNOSTIC OK		12:59

****
OPERATOR SIGNATURE:

****
WASHINGTON
ALCOTEST 9510

SERIAL NO.: ARAF-0021
TEST NO.: 00060
DATE: 04/24/2013
****
SUPERVISOR TEST
****

	g/210L	TIME
DIAGNOSTIC OK		12:59
AIR BLANK	0.000	12:59
EXT STD IR	0.495	13:00
EXT STD EC	0.498	13:00
AIR BLANK	0.000	13:01
DIAGNOSTIC OK		13:02

****
OPERATOR SIGNATURE:

****
WASHINGTON
ALCOTEST 9510

SERIAL NO.: ARAF-0021
TEST NO.: 00061
DATE: 04/24/2013
****
SUPERVISOR TEST
****

	g/210L	TIME
DIAGNOSTIC OK		13:02
AIR BLANK	0.000	13:02
EXT STD IR	0.000	13:03
EXT STD EC	0.000	13:03
AIR BLANK	0.000	13:03
DIAGNOSTIC OK		13:04

****
OPERATOR SIGNATURE:

****
WASHINGTON
ALCOTEST 9510

SERIAL NO.: ARAF-0021
TEST NO.: 00062
DATE: 04/24/2013
****
SUPERVISOR TEST
****

	g/210L	TIME
DIAGNOSTIC OK		13:05
AIR BLANK	0.000	13:05
EXT STD IR	0.498	13:06
EXT STD EC	0.502	13:06
AIR BLANK	0.000	13:06
DIAGNOSTIC OK		13:08

****
OPERATOR SIGNATURE:

****
WASHINGTON
ALCOTEST 9510

SERIAL NO.: ARAF-0021
TEST NO.: 00063
DATE: 04/24/2013
****
SUPERVISOR TEST
****

	g/210L	TIME
DIAGNOSTIC OK		13:08
AIR BLANK	0.000	13:08
EXT STD IR	0.000	13:08
EXT STD EC	0.000	13:08
AIR BLANK	0.000	13:09
DIAGNOSTIC OK		13:10

****
OPERATOR SIGNATURE: