

APPENDIX Q-3

SAMPLE CHUN WORKSHEET A CALCULATIONS

ALCOHOL INFLUENCE REPORT FORM, ALCOTEST 7110 MKIII-C SHIP BOTTOM POLICE

Department Case No.: 30191

Summons No(s):

Sequential File No.: 00163

Subject

Last Name:

D.O.B.:

Age: 24

Driver License Number:

First Name:

Gender: MALE

Issuing State: NJ

Ht: 6 ft. 02 in.

MI:

Wt: 325 lbs.

Arresting Officer

Last Name: HALDENWANG

Badge No.: 82

Arrest Date: 12/30/2007

First Name: ALBERT

Arrest Time: 01:37S

Arrest Location: 1530

MI: T

Instrument

Alcotest 7110 MKIII-C
Location: SHIP BOTTOM POLICE

Serial No.: ARWF-0396

Calibration File No.: 00157

Calib. Date: 12/26/2007

Calib. No.: 00004

Certification File No.: 00158

Cert. Date: 12/26/2007

Cert. No.: 00003

Linearity File No.: 00159

Lin. Date: 12/26/2007

Lin. No.: 00003

Solution File No.: 00160

Soln. Date: 12/26/2007

Soln. No.: 00035

Sequential File No.: 00163

File Date: 12/30/2007

Calibrating Unit: WET

Model No.: CU-34

Serial No.: DDWL S3-0431

Control Solution %: 0.100%

Expires: 04/24/2009

Solution Control Lot: 07B046

Bottle No.: 0732

Breath Test Information

Date of Test: 12/30/2007

Function	Result %BAC	Time HH:MM	Volume (L)	Duration Sec (s)	Temp. Sim. (°C)	Error Message
Ambient Air Blank	0.000%	02:12S				
Control Test 1					34.0°C	
EC Result	0.098%	02:13S				
IR Result	0.098%	02:13S				
Ambient Air Blank	0.000%	02:13S				
Breath Test 1			3.5L	9.2s		
EC Result	0.173%	02:14S				
IR Result	0.171%	02:14S				
Ambient Air Blank	0.000%	02:15S				
Breath Test 2			3.2L	13.2s		
EC Result	0.178%	02:17S				
IR Result	0.176%	02:17S				
Ambient Air Blank	0.000%	02:20S				
Control Test 2					34.0°C	
EC Result	0.097%	02:20S				
IR Result	0.097%	02:20S				
Ambient Air Blank	0.000%	02:20S				

REPORTED BREATH TEST RESULT: 0.17% BAC

Breath Test Operator

Last Name: NASH

First Name: MICHAEL

MI: -

Signature:

Badge No.: 2872

Date: 12/30/2007

Copy Given to Subject

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WORKSHEET A		
Line	Subject Alcohol Results to be Input from Alcohol Influence Report	
1	Valid Breath Sample 1 IR	0.171% (Value entered from AIR)
2	Valid Breath Sample 1 EC	0.173% (Value entered from AIR)
3	Valid Breath Sample 2 IR	0.176% (Value entered from AIR)
4	Valid Breath Sample 2 EC	0.178% (Value entered from AIR)
Breath Samples Tolerance Agreement Check		
5	Add Lines #1, #2, #3 & #4	0.698% (This is the sum)
6	Divide Line #5 by 4	0.175% (This is the arithmetic mean)
7	Multiply Line #6 by 1.05	0.1832% (This is the relative tolerance upper limit)
8	Add 0.005%BAC to Line # 6	0.1795% (This the absolute tolerance upper limit)
9	Multiply Line #6 by 0.95	0.1658% (This the relative tolerance lower limit)
10	Subtract 0.005% BAC from Line #6	0.1695% (This the absolute tolerance lower limit)
11	Report the greater of Line #7 or Line #8 to four digits after decimal point	0.1832% (This is the upper tolerance limit)
12	Report the lesser of Line #9 or Line #10 to four digits are the decimal point	0.1658% (This is the lower tolerance limit)
13	Lines #1, #2, #3 & #4 are within the values of Lines #11 & #12. True or False?	True (If True, breath samples are in tolerance and AIR is valid; if False, breath samples are not in tolerance and the AIR is invalid)
All the Samples are within the tolerances so the AIR is admissible.		