

WASHINGTON STATE PATROL BREATH TEST SECTION DATAMASTER QUALITY ASSURANCE PROCEDURE

RB
8-17-06
Office use only

Instrument Serial Number # 140051 Date 8/9/2006

A. Electrical Checks:

within tolerance

C. Simulator Ethanol Tests

(Guth Simulator)

		Conc.	0.04	0.08	0.10	0.15
	St. Ref. Value		<u>0.0400</u>	<u>0.0814</u>	<u>0.1030</u>	<u>0.1511</u>
1.	<input checked="" type="checkbox"/> Solution Batch #		<u>06015</u>	<u>06014</u>	<u>06012</u>	<u>06017</u>
	Simulator #		<u>G1461</u>	<u>G7083</u>	<u>G1461</u>	<u>G7093</u>
2.a)	<input checked="" type="checkbox"/> Simulator Thermometer #		<u>B951340</u>	<u>B20001149</u>	<u>B951340</u>	<u>B20001149</u>
2.b)	<input checked="" type="checkbox"/>		<u>0.041</u>	<u>0.081</u>	<u>0.104</u>	<u>0.152</u>
	Calibration	Water				
3.	<input checked="" type="checkbox"/> Simulator #	<u>G1461</u>	<u>0.040</u>	<u>0.082</u>	<u>0.104</u>	<u>0.151</u>
4.	<input checked="" type="checkbox"/> Simulator Thermometer	<u>B951340</u>	<u>0.041</u>	<u>0.082</u>	<u>0.105</u>	<u>0.152</u>
5.	<input checked="" type="checkbox"/> Ethanol Batch #	<u>06014</u>	<u>0.041</u>	<u>0.082</u>	<u>0.104</u>	<u>0.152</u>
	Simulator #	<u>G7093</u>	<u>0.040</u>	<u>0.081</u>	<u>0.104</u>	<u>0.151</u>
	Simulator Thermometer #	<u>B20001149</u>	<u>0.041</u>	<u>0.082</u>	<u>0.104</u>	<u>0.151</u>
	<input checked="" type="checkbox"/> Calibration		<u>0.041</u>	<u>0.081</u>	<u>0.104</u>	<u>0.152</u>
	<input checked="" type="checkbox"/> Sim. Temp:34 (+/- .2)c		<u>0.041</u>	<u>0.081</u>	<u>0.104</u>	<u>0.152</u>
	<input checked="" type="checkbox"/> Accurate (+/- 5.00%)		<u>0.040</u>	<u>0.082</u>	<u>0.104</u>	<u>0.152</u>
	<input checked="" type="checkbox"/> Precise (+/- 3.00%)		<u>0.041</u>	<u>0.082</u>	<u>0.104</u>	<u>0.152</u>
	<input checked="" type="checkbox"/> Complete Breath Test		<u>0.041</u>	<u>0.082</u>	<u>0.104</u>	<u>0.152</u>
	<input checked="" type="checkbox"/> Interferant Test		<u>0.041</u>	<u>0.082</u>	<u>0.104</u>	<u>0.152</u>
	Mean		<u>0.0407</u>	<u>0.0817</u>	<u>0.1041</u>	<u>0.1517</u>
Acetone	Ethanol Batch #	<u>06014</u>				
	Simulator #	<u>G7093</u>	SD	<u>0.0005</u>	<u>0.0005</u>	<u>0.0003</u>
	Simulator Thermometer #	<u>B20001149</u>	Accuracy %	<u>1.75</u>	<u>0.37</u>	<u>1.07</u>
	<input checked="" type="checkbox"/> Filter Error		CV %	<u>1.19</u>	<u>0.59</u>	<u>0.30</u>
	<input checked="" type="checkbox"/> Mouth Alcohol Test				<u>0.30</u>	<u>0.32</u>
	<input checked="" type="checkbox"/> RFI Test					
	<input checked="" type="checkbox"/> Diagnostic Test					

A check mark indicates successful completion of the test, or compliance with Datamaster Quality Assurance Protocol. I swear under penalty of perjury that in regards to the above listed instrument, I have complied with the DataMaster Quality Assurance Procedure approved by the Washington State Toxicologist.

William Bogen *William Bogen*