



Office use only
6-15-06

WASHINGTON STATE PATROL TEST SECTION DATAMASTER QUALITY ASSURANCE PROCEDURE

Instrument Serial Number # 140002 Date 5/23/2006

A. Electrical Checks: within tolerance **C. Simulator Ethanol Tests** (Guth Simulator)

		Conc.	<u>0.04</u>	<u>0.08</u>	<u>0.10</u>	<u>0.15</u>
	St. Ref. Value		<u>0.0402</u>	<u>0.0833</u>	<u>0.1045</u>	<u>0.1526</u>
1. <input checked="" type="checkbox"/>	Solution Batch #		<u>06008</u>	<u>06003</u>	<u>05045</u>	<u>06007</u>
2.a) <input checked="" type="checkbox"/>	Simulator #		<u>DR1361</u>	<u>DR2775</u>	<u>DR2048</u>	<u>DR2046</u>
	Simulator Thermometer #		<u>DR1361</u>	<u>DR2775</u>	<u>DR2048</u>	<u>DR2046</u>
2.b) <input checked="" type="checkbox"/>			<u>0.039</u>	<u>0.081</u>	<u>0.103</u>	<u>0.148</u>
	Calibration	Water				
3. <input checked="" type="checkbox"/>	Simulator #	<u>DR2515</u>	<u>0.039</u>	<u>0.081</u>	<u>0.103</u>	<u>0.148</u>
4. <input checked="" type="checkbox"/>	Simulator Thermometer	<u>DR2515</u>	<u>0.038</u>	<u>0.082</u>	<u>0.103</u>	<u>0.147</u>
5. <input checked="" type="checkbox"/>	Ethanol Batch #	<u>06003</u>	<u>0.039</u>	<u>0.082</u>	<u>0.103</u>	<u>0.148</u>
	Simulator #	<u>DR2775</u>	<u>0.039</u>	<u>0.082</u>	<u>0.103</u>	<u>0.147</u>
	Simulator Thermometer #	<u>DR2775</u>	<u>0.039</u>	<u>0.082</u>	<u>0.102</u>	<u>0.147</u>
<input checked="" type="checkbox"/>	Calibration		<u>0.039</u>	<u>0.082</u>	<u>0.103</u>	<u>0.148</u>
<input checked="" type="checkbox"/>	Sim. Temp:34 (+/- .2)c		<u>0.039</u>	<u>0.082</u>	<u>0.103</u>	<u>0.148</u>
<input checked="" type="checkbox"/>	Accurate (+/- 5.00%)		<u>0.039</u>	<u>0.082</u>	<u>0.102</u>	<u>0.147</u>
<input checked="" type="checkbox"/>	Precise (+/- 3.00%)		<u>0.039</u>	<u>0.082</u>	<u>0.102</u>	<u>0.147</u>
<input checked="" type="checkbox"/>	Complete Breath Test		<u>0.039</u>	<u>0.081</u>	<u>0.103</u>	<u>0.147</u>
<input checked="" type="checkbox"/>	Interferant Test		<u>0.039</u>	<u>0.081</u>	<u>0.103</u>	<u>0.147</u>
	Mean		<u>0.0389</u>	<u>0.0817</u>	<u>0.1027</u>	<u>0.1474</u>
Acetone	Ethanol Batch #	<u>06004</u>	SD	<u>0.0003</u>	<u>0.0005</u>	<u>0.0005</u>
	Simulator #	<u>DR2041</u>				
	Simulator Thermometer #	<u>DR2041</u>	Accuracy %	<u>-3.23</u>	<u>-1.92</u>	<u>-1.72</u>
<input checked="" type="checkbox"/>	Filter Error		CV %	<u>0.77</u>	<u>0.61</u>	<u>0.49</u>
<input checked="" type="checkbox"/>	Mouth Alcohol Test				<u>0.49</u>	<u>0.34</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.

Doug Jones
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481-BTS 30