



Florida Department of  
Law Enforcement

Gerald M. Bailey  
Commissioner

**Alcohol Testing Program**

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Charlie Crist, *Governor*  
Bill McCollum, *Attorney General*  
Alex Sink, *Chief Financial Officer*  
Charles H. Bronson, *Commissioner of Agriculture*

**Memorandum**

**To:** Department Inspectors  
**From:** Laura Barfield, Alcohol Testing Program Manager *LAB*  
**Date:** Monday, November 29, 2010  
**SUBJECT:** UPDATE # 2 Intoxilyzer 8000 Subject Tests Statistical Data Review Summary - March 2010

I have completed the Intoxilyzer 8000 Subject Tests Statistical Data Review for March 2010. The following information is based on the review of the March 2010 subject tests electronic data:

Breath Test Statistics			Alcohol Concentration Statistics		
Total Number of Breath Tests: 4064			From Breath Samples with No Message Flag		
<b>Type of Test</b>			Average Breath Alcohol Concentration 0.148		
Driving Under the Influence	3964	97.54 %	# of Breath Samples <0.08 g/210L	1001	17 %
System Check	7	0.17 %	# of Breath Samples >=0.08 g/210L	4929	83 %
Administrative	23	0.57 %	# of Breath Samples >=0.20 g/210L	1402	24 %
Boating Under the Influence	10	0.25 %	<b>Messages (Total Number of Occurrences)</b>		
Court Ordered	19	0.47 %	Volume Not Met	261	6.42 %
Other	21	0.52 %	Slope Not Met	39	0.96 %
Probation/Parole	11	0.27 %	No Sample Provided	174	4.28 %
Commercial Motor Vehicle	0	0.00 %	RFI Detect	117	2.88 %
0.02 Enforcement/Zero Tolerance	9	0.22 %	Subject Test Refused	832	20.47 %
<b>Breath Sample Statistics</b>			Slope Not Level	9	0.22 %
Total Number of Breath Samples 7344			Sequence Aborted	29	0.71 %
Average Breath Volume - All Breath Samples 1.907 Liters			Interferent Detect	26	0.64 %
# of Breath Samples with No Message Flag	5930	80.75 %	Improper Sample	15	0.37 %
# of Breath Samples with Message Flag	1414	19.25 %	Range Exceeded	0	0.00 %
<b>Control Tests During Subject Tests</b>			Ambient Fail	6	0.15 %
Total # of all Control Tests 7919			No 0.02 Agreement	37	0.91 %
Average of all Control Test Results 0.080			Purge Fail	82	2.02 %
# Control Tests within Acceptable Range	7856	99.20 %	Control Outside Tolerance	44	1.08 %
# Control Tests - Ctl Out Tolerance	44	0.56 %	Temperature Regulation Test	0	0.00 %
# Control Tests - Interferent Detect	12	0.15 %	Analytical Stability Test	0	0.00 %
# Control Tests with RFI Detect	7	0.09 %	EEPROM Checksum Test	0	0.00 %
<b>Air Blanks During Subject Tests</b>			Voltage/Current Test	5	0.12 %
Total # of All Air Blanks 22840			DSP Test	0	0.00 %
# of Air Blanks with No Message Flag	22653	99.18 %	<b>Diagnostic Checks During Subject Tests</b>		
# of Air Blanks with Message Flag	187	0.819 %	Total # of All Diagnostic Checks 7902		
			# of Diagnostic Checks - OK	7897	99.94 %
			# of Diagnostic Checks - Fail	5	0.06 %

If you have any questions concerning this information, please feel free to contact me at (850) 817-1290