



Florida Department of
Law Enforcement

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Commissioner

Alcohol Testing Program
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Charlie Crist, *Governor*
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Alex Sink, *Chief Financial Officer*
Charles H. Bronson, *Commissioner of Agriculture*

Memorandum

To: Department Inspectors
From: Laura Barfield, Alcohol Testing Program Manager **LDB**
Date: Tuesday, January 05, 2010
SUBJECT: UPDATE # 2 Intoxilyzer 8000 Subject Tests Statistical Data Review Summary - August 2009

I have completed the Intoxilyzer 8000 Subject Tests Statistical Data Review for August 2009. The following information is based on the review of the August 2009 subject tests electronic data:

Breath Test Statistics		Alcohol Concentration Statistics	
Total Number of Breath Tests: 4113		From Breath Samples with No Message Flag	
Type of Test		Average Breath Alcohol Concentration 0.150	
Driving Under the Influence	4025 97.86 %	# of Breath Samples <0.08 g/210L	1010 16 %
System Check	8 0.19 %	# of Breath Samples >=0.08 g/210L	5171 84 %
Administrative	18 0.44 %	# of Breath Samples >=0.20 g/210L	1527 25 %
Boating Under the Influence	23 0.56 %	Messages (Total Number of Occurrences)	
Court Ordered	11 0.27 %	Volume Not Met	281 6.83 %
Other	20 0.49 %	Slope Not Met	38 0.92 %
Probation/Parole	2 0.05 %	No Sample Provided	149 3.62 %
Commercial Motor Vehicle	0 0.00 %	RFI Detect	95 2.31 %
0.02 Enforcement/Zero Tolerance	6 0.15 %	Subject Test Refused	820 19.94 %
Breath Sample Statistics		Slope Not Level	4 0.10 %
Total Number of Breath Samples 7533		Sequence Aborted	13 0.32 %
Average Breath Volume - All Breath Samples 1.884 Liters		Interferent Detect	11 0.27 %
# of Breath Samples with No Message Flag	6181 82.05 %	Improper Sample	19 0.46 %
# of Breath Samples with Message Flag	1352 17.95 %	Range Exceeded	0 0.00 %
Control Tests During Subject Tests		Ambient Fail	6 0.15 %
Total # of all Control Tests 8072		No 0.02 Agreement	24 0.58 %
Average of all Control Test Results 0.079		Purge Fail	36 0.88 %
# Control Tests within Acceptable Range	8002 99.13 %	Control Outside Tolerance	63 1.53 %
# Control Tests - Ctl Out Tolerance	63 0.78 %	Temperature Regulation Test	2 0.05 %
# Control Tests - Interferent Detect	5 0.06 %	Analytical Stability Test	1 0.02 %
# Control Tests with RFI Detect	2 0.02 %	EEPROM Checksum Test	0 0.00 %
Air Blanks During Subject Tests		Voltage/Current Test	2 0.05 %
Total # of All Air Blanks 23337		DSP Test	0 0.00 %
# of Air Blanks with No Message Flag	23213 99.47 %	Diagnostic Checks During Subject Tests	
# of Air Blanks with Message Flag	124 0.531 %	Total # of All Diagnostic Checks 8045	
		# of Diagnostic Checks - OK	8040 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