



Florida Department of
Law Enforcement

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Commissioner

Alcohol Testing Program
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Charlie Crist, Governor
Bill McCollum, Attorney General
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Charles H. Bronson, Commissioner of Agriculture

Memorandum

To: Department Inspectors
From: Laura Barfield, Alcohol Testing Program Manager *LAB*
Date: Wednesday, March 17, 2010
SUBJECT: UPDATE # 2 Intoxilyzer 8000 Subject Tests Statistical Data Review Summary - April 2009

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

Breath Test Statistics			Alcohol Concentration Statistics From Breath Samples with No Message Flag		
Total Number of Breath Tests: 4225			Average Breath Alcohol Concentration 0.145		
Type of Test			# of Breath Samples <0.08 g/210L 1075 17 %		
Driving Under the Influence	4114	97.37 %	# of Breath Samples >=0.08 g/210L 5109 83 %		
System Check	18	0.43 %	# of Breath Samples >=0.20 g/210L 1327 21 %		
Administrative	29	0.69 %	Messages (Total Number of Occurrences)		
Boating Under the Influence	18	0.43 %	Volume Not Met 327 7.74 %		
Court Ordered	16	0.38 %	Slope Not Met 27 0.64 %		
Other	17	0.40 %	No Sample Provided 162 3.83 %		
Probation/Parole	7	0.17 %	RFI Detect 106 2.51 %		
Commercial Motor Vehicle	0	0.00 %	Subject Test Refused 870 20.59 %		
0.02 Enforcement/Zero Tolerance	6	0.14 %	Slope Not Level 9 0.21 %		
Breath Sample Statistics			Sequence Aborted 31 0.73 %		
Total Number of Breath Samples 7668			Interferent Detect 21 0.50 %		
Average Breath Volume - All Breath Samples 1.827 Liters			Improper Sample 18 0.43 %		
# of Breath Samples with No Message Flag 6184 80.65 %			Range Exceeded 0 0.00 %		
# of Breath Samples with Message Flag 1484 19.35 %			Ambient Fail 7 0.17 %		
Control Tests During Subject Tests			No 0.02 Agreement 29 0.69 %		
Total # of all Control Tests 8244			Purge Fail 52 1.23 %		
Average of all Control Test Results 0.079			Control Outside Tolerance 54 1.28 %		
# Control Tests within Acceptable Range 8177 99.19 %			Temperature Regulation Test 1 0.02 %		
# Control Tests - Ctl Out Tolerance 54 0.66 %			Analytical Stability Test 0 0.00 %		
# Control Tests - Interferent Detect 8 0.10 %			EEPROM Checksum Test 0 0.00 %		
# Control Tests with RFI Detect 5 0.06 %			Voltage/Current Test 4 0.09 %		
Air Blanks During Subject Tests			DSP Test 1 0.02 %		
Total # of All Air Blanks 23808			Diagnostic Checks During Subject Tests		
# of Air Blanks with No Message Flag 23652 99.34 %			Total # of All Diagnostic Checks 8235		
# of Air Blanks with Message Flag 156 0.655 %			# of Diagnostic Checks - OK 8229 99.93 %		
			# of Diagnostic Checks - Fail 6 0.07 %		

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