




Florida Department of
Law Enforcement

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Commissioner

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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 
Date: Thursday, July 22, 2010
SUBJECT: UPDATE # 3 Intoxilyzer 8000 Subject Tests Statistical Data Review Summary - April 2007

I have completed the Intoxilyzer 8000 Subject Tests Statistical Data Review for April 2007. The following information is based on the review of the April 2007 subject tests electronic data:

Breath Test Statistics			Alcohol Concentration Statistics		
Total Number of Breath Tests: 4438			From Breath Samples with No Message Flag		
Type of Test			Average Breath Alcohol Concentration 0.147		
Driving Under the Influence	4291	96.69 %	# of Breath Samples <0.08 g/210L	1093	16 %
System Check	6	0.14 %	# of Breath Samples >=0.08 g/210L	5546	84 %
Administrative	34	0.77 %	# of Breath Samples >=0.20 g/210L	1461	22 %
Boating Under the Influence	17	0.38 %	Messages (Total Number of Occurrences)		
Court Ordered	43	0.97 %	Volume Not Met	343	7.73 %
Other	34	0.77 %	Slope Not Met	9	0.20 %
Probation/Parole	8	0.18 %	No Sample Provided	144	3.24 %
Commercial Motor Vehicle	0	0.00 %	RFI Detect	111	2.50 %
0.02 Enforcement/Zero Tolerance	5	0.11 %	Subject Test Refused	779	17.55 %
Breath Sample Statistics			Slope Not Level	5	0.11 %
Total Number of Breath Samples 8065			Sequence Aborted	95	2.14 %
Average Breath Volume - All Breath Samples 1.852 Liters			Interferent Detect	23	0.52 %
# of Breath Samples with No Message Flag	6639	82.32 %	Improper Sample	14	0.32 %
# of Breath Samples with Message Flag	1426	17.68 %	Range Exceeded	0	0.00 %
Control Tests During Subject Tests			Ambient Fail	14	0.32 %
Total # of all Control Tests 8554			No 0.02 Agreement	25	0.56 %
Average of all Control Test Results 0.079			Purge Fail	106	2.39 %
# Control Tests within Acceptable Range	8467	98.98 %	Control Outside Tolerance	70	1.58 %
# Control Tests - Ctl Out Tolerance	70	0.82 %	Temperature Regulation Test	2	0.05 %
# Control Tests - Interferent Detect	11	0.13 %	Analytical Stability Test	2	0.05 %
# Control Tests with RFI Detect	6	0.07 %	EEPROM Checksum Test	0	0.00 %
Air Blanks During Subject Tests			Voltage/Current Test	3	0.07 %
Total # of All Air Blanks 24988			DSP Test	0	0.00 %
# of Air Blanks with No Message Flag	24776	99.15 %	Diagnostic Checks During Subject Tests		
# of Air Blanks with Message Flag	212	0.848 %	Total # of All Diagnostic Checks 8538		
			# of Diagnostic Checks - OK	8531	99.92 %
			# of Diagnostic Checks - Fail	7	0.08 %

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