



Florida Department of
Law Enforcement

Gerald M. Bailey
Commissioner

Alcohol Testing Program

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Rick Scott, Governor
Pam Bondi, Attorney General
Jeff Atwater, Chief Financial Officer
Adam Putnam, Commissioner of Agriculture

Memorandum

To: Department Inspectors
From: Laura Barfield, Alcohol Testing Program Manager *UDB*
Date: Monday, December 19, 2011
SUBJECT: UPDATE # 3 Intoxilyzer 8000 Subject Tests Statistical Data Review Summary - January 2011

I have completed the Intoxilyzer 8000 Subject Tests Statistical Data Review for January 2011. The following information is based on the review of the January 2011 subject tests electronic data:

Breath Test Statistics			Alcohol Concentration Statistics		
Total Number of Breath Tests: 3774			From Breath Samples with No Message Flag		
Type of Test			Average Breath Alcohol Concentration 0.150		
Driving Under the Influence	3714	98.41 %	# of Breath Samples <0.08 g/210L	917	16 %
System Check	2	0.05 %	# of Breath Samples >=0.08 g/210L	4753	84 %
Administrative	22	0.58 %	# of Breath Samples >=0.20 g/210L	1366	24 %
Boating Under the Influence	11	0.29 %	Messages (Total Number of Occurrences)		
Court Ordered	7	0.19 %	Volume Not Met	304	8.06 %
Other	10	0.26 %	Slope Not Met	34	0.90 %
Probation/Parole	4	0.11 %	No Sample Provided	197	5.22 %
Commercial Motor Vehicle	0	0.00 %	RFI Detect	72	1.91 %
0.02 Enforcement/Zero Tolerance	4	0.11 %	Subject Test Refused	705	18.68 %
Breath Sample Statistics			Slope Not Level	17	0.45 %
Total Number of Breath Samples 6981			Sequence Aborted	15	0.40 %
Average Breath Volume - All Breath Samples 1.857 Liters			Interferent Detect	19	0.50 %
# of Breath Samples with No Message Flag	5670	81.2 %	Improper Sample	7	0.19 %
# of Breath Samples with Message Flag	1311	18.8 %	Range Exceeded	0	0.00 %
Control Tests During Subject Tests			Ambient Fail	13	0.34 %
Total # of all Control Tests 7392			No 0.02 Agreement	18	0.48 %
Average of all Control Test Results 0.080			Purge Fail	76	2.01 %
# Control Tests within Acceptable Range	7327	99.12 %	Control Outside Tolerance	47	1.25 %
# Control Tests - Ctl Out Tolerance	47	0.64 %	Temperature Regulation Test	2	0.05 %
# Control Tests - Interferent Detect	12	0.16 %	Analytical Stability Test	0	0.00 %
# Control Tests with RFI Detect	6	0.08 %	EEPROM Checksum Test	0	0.00 %
Air Blanks During Subject Tests			Voltage/Current Test	5	0.13 %
Total # of All Air Blanks 21532			DSP Test	0	0.00 %
# of Air Blanks with No Message Flag	21385	99.32 %	Diagnostic Checks During Subject Tests		
# of Air Blanks with Message Flag	147	0.68 %	Total # of All Diagnostic Checks 7367		
			# of Diagnostic Checks - OK	7360	99.90 %
			# of Diagnostic Checks - Fail	7	0.10 %

If you have any questions concerning this information, please feel free to contact me at (850) 617-1290