



Florida Department of
Law Enforcement

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Commissioner

Alcohol Testing Program

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Memorandum

To: Department Inspectors
From: Laura Barfield, Alcohol Testing Program Manager 
Date: Thursday, July 22, 2010
SUBJECT: UPDATE # 4 Intoxilyzer 8000 Subject Tests Statistical Data Review Summary - July 2009

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

Breath Test Statistics Total Number of Breath Tests: 4058		Alcohol Concentration Statistics From Breath Samples with No Message Flag	
Type of Test		Average Breath Alcohol Concentration 0.142	
Driving Under the Influence	3938 97.04 %	# of Breath Samples <0.08 g/210L	1272 21 %
System Check	7 0.17 %	# of Breath Samples >/=0.08 g/210L	4803 79 %
Administrative	19 0.47 %	# of Breath Samples >/=0.20 g/210L	1379 23 %
Boating Under the Influence	46 1.13 %	Messages (Total Number of Occurrences)	
Court Ordered	12 0.30 %	Volume Not Met	292 7.20 %
Other	23 0.57 %	Slope Not Met	43 1.06 %
Probation/Parole	9 0.22 %	No Sample Provided	139 3.43 %
Commercial Motor Vehicle	0 0.00 %	RFI Detect	76 1.87 %
0.02 Enforcement/Zero Tolerance	4 0.10 %	Subject Test Refused	802 19.76 %
Breath Sample Statistics		Slope Not Level	9 0.22 %
Total Number of Breath Samples	7422	Sequence Aborted	33 0.81 %
Average Breath Volume - All Breath Samples	1.853 Liters	Interferent Detect	7 0.17 %
# of Breath Samples with No Message Flag	6075 81.85 %	Improper Sample	16 0.39 %
# of Breath Samples with Message Flag	1347 18.15 %	Range Exceeded	0 0.00 %
Control Tests During Subject Tests		Ambient Fail	9 0.22 %
Total # of all Control Tests	7938	No 0.02 Agreement	22 0.54 %
Average of all Control Test Results	0.079	Purge Fail	32 0.79 %
# Control Tests within Acceptable Range	7859 99.00 %	Control Outside Tolerance	70 1.72 %
# Control Tests - Ctl Out Tolerance	70 0.88 %	Temperature Regulation Test	1 0.02 %
# Control Tests - Interferent Detect	3 0.04 %	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	4 0.10 %
Total # of All Air Blanks	22975	DSP Test	0 0.00 %
# of Air Blanks with No Message Flag	22860 99.50 %	Diagnostic Checks During Subject Tests	
# of Air Blanks with Message Flag	115 0.501 %	Total # of All Diagnostic Checks	7922
		# of Diagnostic Checks - OK	7917 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