



Florida Department of
Law Enforcement

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Commissioner

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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 *LAB*
Date: Monday, April 25, 2011
SUBJECT: UPDATE # 2 Intoxilyzer 8000 Subject Tests Statistical Data Review Summary - September 2010

I have completed the Intoxilyzer 8000 Subject Tests Statistical Data Review for September 2010. The following information is based on the review of the September 2010 subject tests electronic data:

Breath Test Statistics			Alcohol Concentration Statistics		
Total Number of Breath Tests: 3534			From Breath Samples with No Message Flag		
Type of Test			Average Breath Alcohol Concentration 0.143		
Driving Under the Influence	3433	97.14 %	# of Breath Samples <0.08 g/210L	1126	21 %
System Check	3	0.08 %	# of Breath Samples >=0.08 g/210L	4209	79 %
Administrative	28	0.79 %	# of Breath Samples >=0.20 g/210L	1230	23 %
Boating Under the Influence	29	0.82 %	Messages (Total Number of Occurrences)		
Court Ordered	11	0.31 %	Volume Not Met	250	7.07 %
Other	22	0.62 %	Slope Not Met	29	0.82 %
Probation/Parole	5	0.14 %	No Sample Provided	174	4.92 %
Commercial Motor Vehicle	0	0.00 %	RFI Detect	65	1.84 %
0.02 Enforcement/Zero Tolerance	3	0.08 %	Subject Test Refused	688	19.47 %
Breath Sample Statistics			Slope Not Level	5	0.14 %
Total Number of Breath Samples 6533			Sequence Aborted	14	0.40 %
Average Breath Volume - All Breath Samples 1.874 Liters			Interferent Detect	13	0.37 %
# of Breath Samples with No Message Flag	5335	81.7 %	Improper Sample	12	0.34 %
# of Breath Samples with Message Flag	1198	18.3 %	Range Exceeded	0	0.00 %
Control Tests During Subject Tests			Ambient Fail	11	0.31 %
Total # of all Control Tests 6945			No 0.02 Agreement	15	0.42 %
Average of all Control Test Results 0.079			Purge Fail	37	1.05 %
# Control Tests within Acceptable Range	6905	99.42 %	Control Outside Tolerance	30	0.85 %
# Control Tests - CII Out Tolerance	30	0.43 %	Temperature Regulation Test	4	0.11 %
# Control Tests - Interferent Detect	5	0.07 %	Analytical Stability Test	0	0.00 %
# Control Tests with RFI Detect	5	0.07 %	EEPROM Checksum Test	0	0.00 %
Air Blanks During Subject Tests			Voltage/Current Test	1	0.03 %
Total # of All Air Blanks 20160			DSP Test	0	0.00 %
# of Air Blanks with No Message Flag	20059	99.50 %	Diagnostic Checks During Subject Tests		
# of Air Blanks with Message Flag	101	0.50 %	Total # of All Diagnostic Checks 6942		
			# of Diagnostic Checks - OK	6937	99.93 %
			# of Diagnostic Checks - Fail	5	0.07 %

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