



Florida Department of
Law Enforcement

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Commissioner

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Charlie Crist, Governor
Bill McCollum, Attorney General
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Memorandum

To: Department Inspectors
From: Laura Barfield, Alcohol Testing Program Manager *LAB*
Date: Thursday, July 22, 2010
SUBJECT: UPDATE # 2 Intoxilyzer 8000 Subject Tests Statistical Data Review Summary - May 2008

I have completed the Intoxilyzer 8000 Subject Tests Statistical Data Review for May 2008. The following information is based on the review of the May 2008 subject tests electronic data:

Breath Test Statistics			Alcohol Concentration Statistics		
Total Number of Breath Tests: 4613			From Breath Samples with No Message Flag		
Type of Test			Average Breath Alcohol Concentration 0.148		
Driving Under the Influence	4445	96.36 %	# of Breath Samples <0.08 g/210L	1193	17 %
System Check	5	0.11 %	# of Breath Samples >=0.08 g/210L	5754	83 %
Administrative	29	0.63 %	# of Breath Samples >=0.20 g/210L	1591	23 %
Boating Under the Influence	72	1.56 %	Messages (Total Number of Occurrences)		
Court Ordered	22	0.48 %	Volume Not Met	385	8.35 %
Other	21	0.46 %	Slope Not Met	8	0.17 %
Probation/Parole	10	0.22 %	No Sample Provided	150	3.25 %
Commercial Motor Vehicle	0	0.00 %	RFI Detect	110	2.38 %
0.02 Enforcement/Zero Tolerance	9	0.20 %	Subject Test Refused	865	18.75 %
Breath Sample Statistics			Slope Not Level	8	0.17 %
Total Number of Breath Samples 8450			Sequence Aborted	31	0.67 %
Average Breath Volume - All Breath Samples 1.789 Liters			Interferent Detect	17	0.37 %
# of Breath Samples with No Message Flag	6947	82.21 %	Improper Sample	14	0.30 %
# of Breath Samples with Message Flag	1503	17.79 %	Range Exceeded	0	0.00 %
Control Tests During Subject Tests			Ambient Fail	7	0.15 %
Total # of all Control Tests 8995			No 0.02 Agreement	22	0.48 %
Average of all Control Test Results 0.079			Purge Fail	87	1.89 %
# Control Tests within Acceptable Range	8877	98.69 %	Control Outside Tolerance	102	2.21 %
# Control Tests - CII Out Tolerance	102	1.13 %	Temperature Regulation Test	2	0.04 %
# Control Tests - Interferent Detect	9	0.10 %	Analytical Stability Test	1	0.02 %
# Control Tests with RFI Detect	7	0.08 %	EEPROM Checksum Test	0	0.00 %
Air Blanks During Subject Tests			Voltage/Current Test	1	0.02 %
Total # of All Air Blanks 26160			DSP Test	0	0.00 %
# of Air Blanks with No Message Flag	25989	99.35 %	Diagnostic Checks During Subject Tests		
# of Air Blanks with Message Flag	171	0.654 %	Total # of All Diagnostic Checks 8953		
			# of Diagnostic Checks - OK	8949	99.96 %
			# of Diagnostic Checks - Fail	4	0.04 %

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