



Florida Department of
Law Enforcement

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Commissioner

Alcohol Testing Program
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Charlie Crist, Governor
Bill McCollum, Attorney General
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Charles H. Bronson, Commissioner of Agriculture

Memorandum

To: Department Inspectors
From: Laura Barfield, Alcohol Testing Program Manager *UDB*
Date: Wednesday, March 17, 2010
SUBJECT: UPDATE # 3 Intoxilyzer 8000 Subject Tests Statistical Data Review Summary - May 2009

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

Breath Test Statistics			Alcohol Concentration Statistics		
Total Number of Breath Tests: 4364			From Breath Samples with No Message Flag		
Type of Test			Average Breath Alcohol Concentration 0.146		
Driving Under the Influence	4234	97.02 %	# of Breath Samples <0.08 g/210L	1182	18 %
System Check	16	0.37 %	# of Breath Samples >=0.08 g/210L	5433	82 %
Administrative	25	0.57 %	# of Breath Samples >=0.20 g/210L	1507	23 %
Boating Under the Influence	56	1.28 %	Messages (Total Number of Occurrences)		
Court Ordered	5	0.11 %	Volume Not Met	315	7.22 %
Other	18	0.41 %	Slope Not Met	46	1.05 %
Probation/Parole	4	0.09 %	No Sample Provided	161	3.69 %
Commercial Motor Vehicle	0	0.00 %	RFI Detect	121	2.77 %
0.02 Enforcement/Zero Tolerance	6	0.14 %	Subject Test Refused	815	18.68 %
Breath Sample Statistics			Slope Not Level	9	0.21 %
Total Number of Breath Samples 8031			Sequence Aborted	26	0.60 %
Average Breath Volume - All Breath Samples 1.880 Liters			Interferent Detect	13	0.30 %
# of Breath Samples with No Message Flag	6615	82.37 %	Improper Sample	16	0.37 %
# of Breath Samples with Message Flag	1416	17.63 %	Range Exceeded	0	0.00 %
Control Tests During Subject Tests			Ambient Fail	4	0.09 %
Total # of all Control Tests 8545			No 0.02 Agreement	20	0.46 %
Average of all Control Test Results 0.079			Purge Fail	36	0.82 %
# Control Tests within Acceptable Range	8468	99.10 %	Control Outside Tolerance	66	1.51 %
# Control Tests - Ctl Out Tolerance	66	0.77 %	Temperature Regulation Test	2	0.05 %
# Control Tests - Interferent Detect	5	0.06 %	Analytical Stability Test	0	0.00 %
# Control Tests with RFI Detect	6	0.07 %	EEPROM Checksum Test	0	0.00 %
Air Blanks During Subject Tests			Voltage/Current Test	4	0.09 %
Total # of All Air Blanks 24828			DSP Test	0	0.00 %
# of Air Blanks with No Message Flag	24684	99.42 %	Diagnostic Checks During Subject Tests		
# of Air Blanks with Message Flag	144	0.58 %	Total # of All Diagnostic Checks 8520		
			# of Diagnostic Checks - OK	8514	99.93 %
			# of Diagnostic Checks - Fail	6	0.07 %

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