



Florida Department of
Law Enforcement

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Commissioner

Alcohol Testing Program

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Charlie Crist, *Governor*
Bill McCollum, *Attorney General*
Alex Sink, *Chief Financial Officer*
Charles H. Bronson, *Commissioner of Agriculture*

Memorandum

To: Department Inspectors
From: Laura Barfield, Alcohol Testing Program Manager *LDB*
Date: Monday, July 26, 2010
SUBJECT: UPDATE # 2 Intoxilyzer 8000 Subject Tests Statistical Data Review Summary - Yearly 2008

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

Breath Test Statistics			Alcohol Concentration Statistics From Breath Samples with No Message Flag		
Total Number of Breath Tests:			52718		
Type of Test			Average Breath Alcohol Concentration		
Driving Under the Influence	51274	97.26 %	# of Breath Samples <0.08 g/210L	13094	17 %
System Check	139	0.26 %	# of Breath Samples >=0.08 g/210L	65860	83 %
Administrative	338	0.64 %	# of Breath Samples >=0.20 g/210L	18567	24 %
Boating Under the Influence	258	0.49 %	Messages (Total Number of Occurrences)		
Court Ordered	229	0.43 %	Volume Not Met	4079	7.74 %
Other	250	0.47 %	Slope Not Met	105	0.20 %
Probation/Parole	117	0.22 %	No Sample Provided	1935	3.67 %
Commercial Motor Vehicle	8	0.02 %	RFI Detect	1360	2.58 %
0.02 Enforcement/Zero Tolerance	105	0.20 %	Subject Test Refused	10238	19.42 %
Breath Sample Statistics			Slope Not Level	133	0.25 %
Total Number of Breath Samples			Sequence Aborted	380	0.72 %
Average Breath Volume - All Breath Samples			Interferent Detect	228	0.43 %
1.794 Liters			Improper Sample	147	0.28 %
# of Breath Samples with No Message Flag	78954	81.92 %	Range Exceeded	3	0.01 %
# of Breath Samples with Message Flag	17429	18.08 %	Ambient Fail	117	0.22 %
Control Tests During Subject Tests			No 0.02 Agreement	231	0.44 %
Total # of all Control Tests			Purge Fail	943	1.79 %
102779			Control Outside Tolerance	990	1.88 %
Average of all Control Test Results			Temperature Regulation Test	17	0.03 %
0.079			Analytical Stability Test	3	0.01 %
# Control Tests within Acceptable Range	101617	98.87 %	EEPROM Checksum Test	0	0.00 %
# Control Tests - Ctl Out Tolerance	990	0.96 %	Voltage/Current Test	27	0.05 %
# Control Tests - Interferent Detect	104	0.10 %	DSP Test	0	0.00 %
# Control Tests with RFI Detect	68	0.07 %	Diagnostic Checks During Subject Tests		
Air Blanks During Subject Tests			Total # of All Diagnostic Checks		
Total # of All Air Blanks			102347		
298535			# of Diagnostic Checks - OK	102300	99.95 %
# of Air Blanks with No Message Flag	296356	99.27 %	# of Diagnostic Checks - Fail	47	0.05 %
# of Air Blanks with Message Flag	2179	0.73 %			

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