



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: Thursday, May 01, 2008
SUBJECT: UPDATED Intoxilyzer 8000 Subject Tests Statistical Data Review Summary - January 2008

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

Breath Test Statistics			Alcohol Concentration Statistics		
Total Number of Breath Tests:			4416		
Type of Test			From Breath Samples with No Message Flag		
Driving Under the Influence	4283	96.99 %	Average Breath Alcohol Concentration		0.147
System Check	22	0.50 %	# of Breath Samples <0.08 g/210L	1115	17 %
Administrative	49	1.11 %	# of Breath Samples >=0.08 g/210L	5509	83 %
Boating Under the Influence	21	0.48 %	# of Breath Samples >=0.20 g/210L	1547	23 %
Court Ordered	17	0.38 %	Messages (Total Number of Occurrences)		
Other	12	0.27 %	Volume Not Met	374	8.47 %
Probation/Parole	7	0.16 %	Slope Not Met	5	0.11 %
Commercial Motor Vehicle	0	0.00 %	No Sample Provided	164	3.71 %
0.02 Enforcement/Zero Tolerance	5	0.11 %	RFI Detect	115	2.60 %
Breath Sample Statistics			Subject Test Refused	842	19.07 %
Total Number of Breath Samples			Slope Not Level	10	0.23 %
Average Breath Volume - All Breath Samples			Sequence Aborted	29	0.66 %
# of Breath Samples with No Message Flag			Interferent Detect	25	0.57 %
6624 81.81 %			Improper Sample	18	0.41 %
# of Breath Samples with Message Flag			Range Exceeded	1	0.02 %
1473 18.19 %			Ambient Fail	8	0.18 %
Control Tests During Subject Tests			No 0.02 Agreement	12	0.27 %
Total # of all Control Tests			Purge Fail	106	2.40 %
8590			Control Outside Tolerance	83	1.88 %
Average of all Control Test Results			Temperature Regulation Test	3	0.07 %
0.079			Analytical Stability Test	0	0.00 %
# Control Tests within Acceptable Range			EEPROM Checksum Test	0	0.00 %
8496 98.91 %			Voltage/Current Test	3	0.07 %
# Control Tests - Ctl Out Tolerance			Diagnostic Checks During Subject Tests		
83 0.97 %			Total # of All Diagnostic Checks		
# Control Tests - Interferent Detect			8552		
7 0.08 %			# of Diagnostic Checks - OK		
# Control Tests with RFI Detect			8546 99.93 %		
4 0.05 %			# of Diagnostic Checks - Fail		
Air Blanks During Subject Tests			6 0.07 %		
Total # of All Air Blanks			25054		
# of Air Blanks with No Message Flag			24840 99.15 %		
# of Air Blanks with Message Flag			214 0.854 %		

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