



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 *LOB*
Date: Wednesday, April 07, 2010
SUBJECT: UPDATED Intoxilyzer 8000 Subject Tests Statistical Data Review Summary - January 2010

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

Breath Test Statistics Total Number of Breath Tests: 3985			Alcohol Concentration Statistics From Breath Samples with No Message Flag		
Type of Test			Average Breath Alcohol Concentration 0.148		
Driving Under the Influence	3879	97.34 %	# of Breath Samples <0.08 g/210L	1044	17 %
System Check	9	0.23 %	# of Breath Samples >=0.08 g/210L	4992	83 %
Administrative	18	0.45 %	# of Breath Samples >=0.20 g/210L	1484	25 %
Boating Under the Influence	10	0.25 %	Messages (Total Number of Occurrences)		
Court Ordered	26	0.65 %	Volume Not Met	264	6.62 %
Other	23	0.58 %	Slope Not Met	52	1.30 %
Probation/Parole	11	0.28 %	No Sample Provided	148	3.71 %
Commercial Motor Vehicle	1	0.03 %	RFI Detect	88	2.21 %
0.02 Enforcement/Zero Tolerance	8	0.20 %	Subject Test Refused	756	18.97 %
Breath Sample Statistics			Slope Not Level	7	0.18 %
Total Number of Breath Samples	7338		Sequence Aborted	22	0.55 %
Average Breath Volume - All Breath Samples	1.880 Liters		Interferent Detect	23	0.58 %
# of Breath Samples with No Message Flag	6036	82.26 %	Improper Sample	13	0.33 %
# of Breath Samples with Message Flag	1302	17.74 %	Range Exceeded	0	0.00 %
Control Tests During Subject Tests			Ambient Fail	7	0.18 %
Total # of all Control Tests	7807		No 0.02 Agreement	24	0.60 %
Average of all Control Test Results	0.080		Purge Fail	53	1.33 %
# Control Tests within Acceptable Range	7742	99.17 %	Control Outside Tolerance	46	1.15 %
# Control Tests - Ctl Out Tolerance	46	0.59 %	Temperature Regulation Test	1	0.03 %
# Control Tests - Interferent Detect	13	0.17 %	Analytical Stability Test	0	0.00 %
# Control Tests with RFI Detect	6	0.08 %	EEPROM Checksum Test	0	0.00 %
Air Blanks During Subject Tests			Voltage/Current Test	1	0.03 %
Total # of All Air Blanks	22664		DSP Test	0	0.00 %
# of Air Blanks with No Message Flag	22537	99.44 %	Diagnostic Checks During Subject Tests		
# of Air Blanks with Message Flag	127	0.560 %	Total # of All Diagnostic Checks	7786	
			# of Diagnostic Checks - OK	7784	99.97 %
			# of Diagnostic Checks - Fail	2	0.03 %

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