



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: Monday, November 29, 2010
SUBJECT: Intoxilyzer 8000 Subject Tests Statistical Data Review Summary - July 2010

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

Breath Test Statistics			Alcohol Concentration Statistics		
Total Number of Breath Tests: 3789			From Breath Samples with No Message Flag		
Type of Test			Average Breath Alcohol Concentration 0.143		
Driving Under the Influence	3681	97.15 %	# of Breath Samples <0.08 g/210L	1168	20 %
System Check	5	0.13 %	# of Breath Samples >=0.08 g/210L	4691	80 %
Administrative	11	0.29 %	# of Breath Samples >=0.20 g/210L	1388	24 %
Boating Under the Influence	28	0.74 %	Messages (Total Number of Occurrences)		
Court Ordered	25	0.66 %	Volume Not Met	272	7.18 %
Other	20	0.53 %	Slope Not Met	29	0.77 %
Probation/Parole	12	0.32 %	No Sample Provided	133	3.51 %
Commercial Motor Vehicle	0	0.00 %	RFI Detect	80	2.11 %
0.02 Enforcement/Zero Tolerance	7	0.18 %	Subject Test Refused	672	17.74 %
Breath Sample Statistics			Slope Not Level	6	0.16 %
Total Number of Breath Samples 7022			Sequence Aborted	10	0.26 %
Average Breath Volume - All Breath Samples 1.929 Liters			Interferent Detect	9	0.24 %
# of Breath Samples with No Message Flag	5859	83.44 %	Improper Sample	21	0.55 %
# of Breath Samples with Message Flag	1163	16.56 %	Range Exceeded	0	0.00 %
Control Tests During Subject Tests			Ambient Fail	16	0.42 %
Total # of all Control Tests 7438			No 0.02 Agreement	15	0.40 %
Average of all Control Test Results 0.079			Purge Fail	31	0.82 %
# Control Tests within Acceptable Range	7394	99.41 %	Control Outside Tolerance	38	1.00 %
# Control Tests - Ctl Out Tolerance	38	0.51 %	Temperature Regulation Test	1	0.03 %
# Control Tests - Interferent Detect	3	0.04 %	Analytical Stability Test	1	0.03 %
# Control Tests with RFI Detect	3	0.04 %	EEPROM Checksum Test	0	0.00 %
Air Blanks During Subject Tests			Voltage/Current Test	1	0.03 %
Total # of All Air Blanks 21655			DSP Test	0	0.00 %
# of Air Blanks with No Message Flag	21535	99.45 %	Diagnostic Checks During Subject Tests		
# of Air Blanks with Message Flag	120	0.554 %	Total # of All Diagnostic Checks 7435		
			# of Diagnostic Checks - OK	7432	99.96 %
			# of Diagnostic Checks - Fail	3	0.04 %

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