



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: Wednesday, September 09, 2009
SUBJECT: UPDATED Intoxilyzer 8000 Subject Tests Statistical Data Review Summary - June 2009

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

Breath Test Statistics			Alcohol Concentration Statistics		
Total Number of Breath Tests: 3749			From Breath Samples with No Message Flag		
Type of Test			Average Breath Alcohol Concentration 0.145		
Driving Under the Influence	3638	97.04 %	# of Breath Samples <0.08 g/210L	1050	19 %
System Check	4	0.11 %	# of Breath Samples >=0.08 g/210L	4560	81 %
Administrative	30	0.80 %	# of Breath Samples >=0.20 g/210L	1290	23 %
Boating Under the Influence	46	1.23 %	Messages (Total Number of Occurrences)		
Court Ordered	6	0.16 %	Volume Not Met	285	7.60 %
Other	14	0.37 %	Slope Not Met	40	1.07 %
Probation/Parole	4	0.11 %	No Sample Provided	126	3.36 %
Commercial Motor Vehicle	1	0.03 %	RFI Detect	113	3.01 %
0.02 Enforcement/Zero Tolerance	6	0.16 %	Subject Test Refused	730	19.47 %
Breath Sample Statistics			Slope Not Level	5	0.13 %
Total Number of Breath Samples 6884			Sequence Aborted	25	0.67 %
Average Breath Volume - All Breath Samples 1.869 Liters			Interferent Detect	25	0.67 %
# of Breath Samples with No Message Flag	5610	81.49 %	Improper Sample	6	0.16 %
# of Breath Samples with Message Flag	1274	18.51 %	Range Exceeded	0	0.00 %
Control Tests During Subject Tests			Ambient Fail	8	0.21 %
Total # of all Control Tests 7336			No 0.02 Agreement	22	0.59 %
Average of all Control Test Results 0.079			Purge Fail	27	0.72 %
# Control Tests within Acceptable Range	7255	98.90 %	Control Outside Tolerance	69	1.84 %
# Control Tests - Ctl Out Tolerance	69	0.94 %	Temperature Regulation Test	3	0.08 %
# Control Tests - Interferent Detect	5	0.07 %	Analytical Stability Test	0	0.00 %
# Control Tests with RFI Detect	7	0.10 %	EEPROM Checksum Test	0	0.00 %
Air Blanks During Subject Tests			Voltage/Current Test	2	0.05 %
Total # of All Air Blanks 21294			DSP Test	0	0.00 %
# of Air Blanks with No Message Flag	21178	99.46 %	Diagnostic Checks During Subject Tests		
# of Air Blanks with Message Flag	116	0.545 %	Total # of All Diagnostic Checks 7301		
			# of Diagnostic Checks - OK	7296	99.93 %
			# of Diagnostic Checks - Fail	5	0.07 %

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