



Florida Department of
Law Enforcement

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Commissioner

Alcohol Testing Program
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MEMORANDUM

TO: Department Inspectors

FROM: Laura D. Barfield, Alcohol Testing Program Manager **LDB**

DATE: February 27, 2008

SUBJECT: Update #2 Intoxilyzer 8000 Subject Tests Statistical Data Review Summary—October 2007

I have completed the Intoxilyzer 8000 Subject Tests Statistical Data Review for October 2007. The following information is based on the review of the October 2007 subject tests electronic data:

Breath Test Statistics			Alcohol Concentration Statistics		
Total Number of Breath Tests:	4,370		(From Breath Samples with No Message Flag)		
Type of Test			Average Breath Alcohol Concentration	0.149	
Driving Under the Influence	4,237	96.96%	# of Breath Samples < 0.08 g/210L	1,022	16%
System Check	14	0.32%	# of Breath Samples >= 0.08 g/210L	5,381	84%
Administrative	30	0.69%	# of Breath Samples >= 0.20 g/210L	1,472	23%
Boating Under the Influence	20	0.46%	Messages (Total Number of Occurrences)		
Court Ordered	16	0.37%	Volume Not Met	347	7.94%
Other	31	0.71%	Slope Not Met	5	0.11%
Probation/Parole	15	0.34%	No Sample Provided	157	3.59%
Commercial Motor Vehicle	1	0.02%	RFI Detect	145	3.32%
0.02 Enforcement/Zero Tolerance	6	0.14%	Subject Test Refused	874	20.0%
Breath Sample Statistics			Slope Not Level	11	0.25%
Total Number of Breath Samples	7,921		Sequence Aborted	54	1.24%
Average Breath Volume—All Breath Samples	1.779 Liters		Interferent Detect	39	0.89%
# of Breath Samples with No Message Flag	6,403	80.8%	Improper Sample	15	0.34%
# of Breath Samples with Message Flag	1,518	19.2%	Range Exceeded	0	0%
Control Tests During Subject Tests			Ambient Fail	11	0.25%
Total # of All Control Tests	8,488		No .020 Agreement	26	0.59%
Average of All Control Test Results	0.079		Purge Fail	82	1.88%
# Control Tests within Acceptable Range	8,401	98.98%	Control Outside Tolerance	70	1.60%
# of Control Tests - Ctl Out Tolerance	70	0.82%	Temperature Regulation Test	0	0%
# of Control Tests - Interferent Detect	12	0.14%	Analytical Stability Test	0	0%
# of Control Tests with RFI Detect	5	0.06%	EEPROM Checksum Test	0	0%
			Voltage/Current Test	1	0.02%
Air Blanks During Subject Tests			Diagnostic Checks During Subject Tests		
Total # of All Air Blanks	24,619		Total # of All Diagnostic Checks	8,446	
# of Air Blanks with No Message Flag	24,396	99.09%	# of Diagnostic Checks - OK	8,445	99.99%
# of Air Blanks with Message Flag	223	0.91%	# of Diagnostic Checks - Fail	1	0.01%

If you have any questions concerning this information, please feel free to contact me at (850) 617-1290.