



Florida Department of
Law Enforcement

Gerald M. Bailey
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 *LBB*
Date: Thursday, July 22, 2010
SUBJECT: UPDATED Intoxilyzer 8000 Subject Tests Statistical Data Review Summary - April 2008

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

Breath Test Statistics Total Number of Breath Tests: 4051		Alcohol Concentration Statistics From Breath Samples with No Message Flag	
Type of Test		Average Breath Alcohol Concentration 0.149	
Driving Under the Influence	3908 96.47 %	# of Breath Samples <0.08 g/210L	1076 18 %
System Check	24 0.59 %	# of Breath Samples >=0.08 g/210L	5009 82 %
Administrative	27 0.67 %	# of Breath Samples >=0.20 g/210L	1463 24 %
Boating Under the Influence	25 0.62 %	Messages (Total Number of Occurrences)	
Court Ordered	16 0.39 %	Volume Not Met	286 7.06 %
Other	25 0.62 %	Slope Not Met	7 0.17 %
Probation/Parole	14 0.35 %	No Sample Provided	156 3.85 %
Commercial Motor Vehicle	1 0.02 %	RFI Detect	100 2.47 %
0.02 Enforcement/Zero Tolerance	11 0.27 %	Subject Test Refused	792 19.55 %
Breath Sample Statistics		Slope Not Level	15 0.37 %
Total Number of Breath Samples	7410	Sequence Aborted	40 0.99 %
Average Breath Volume - All Breath Samples	1.786 Liters	Interferent Detect	20 0.49 %
# of Breath Samples with No Message Flag	6085 82.12 %	Improper Sample	10 0.25 %
# of Breath Samples with Message Flag	1325 17.88 %	Range Exceeded	0 0.00 %
Control Tests During Subject Tests		Ambient Fail	13 0.32 %
Total # of all Control Tests	7888	No 0.02 Agreement	12 0.30 %
Average of all Control Test Results	0.079	Purge Fail	75 1.85 %
# Control Tests within Acceptable Range	7774 98.55 %	Control Outside Tolerance	94 2.32 %
# Control Tests - Ctl Out Tolerance	94 1.19 %	Temperature Regulation Test	0 0.00 %
# Control Tests - Interferent Detect	12 0.15 %	Analytical Stability Test	1 0.02 %
# Control Tests with RFI Detect	8 0.10 %	EEPROM Checksum Test	0 0.00 %
Air Blanks During Subject Tests		Voltage/Current Test	0 0.00 %
Total # of All Air Blanks	22942	DSP Test	0 0.00 %
# of Air Blanks with No Message Flag	22773 99.26 %	Diagnostic Checks During Subject Tests	
# of Air Blanks with Message Flag	169 0.737 %	Total # of All Diagnostic Checks	7833
		# of Diagnostic Checks - OK	7832 99.99 %
		# of Diagnostic Checks - Fail	1 0.01 %

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