



Florida Department of
Law Enforcement

Richard L. Swearingen
Commissioner

Alcohol Testing Program

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Rick Scott, Governor
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Jeff Atwater, Chief Financial Officer
Adam Putnam, Commissioner of Agriculture

Memorandum

To: Department Inspectors
From: Brett Kirkland, Program Manager *BSK*
Date: Tuesday, October 18, 2016
SUBJECT: Intoxilyzer 8000 Subject Tests Statistical Data Review Summary - June 2016

The following information is based on the review of the June 2016 subject tests electronic data:

Breath Test Statistics			Alcohol Concentration Statistics		
Total Number of Breath Tests: 2343			From Breath Samples with No Message Flag		
Type of Test			Average Breath Alcohol Concentration 0.141		
Driving Under the Influence	2269	96.84 %	# of Breath Samples <0.08 g/210L	766	22 %
System Check	13	0.55 %	# of Breath Samples >=0.08 g/210L	2672	78 %
Administrative	23	0.98 %	# of Breath Samples >=0.15 g/210L	1774	52 %
Boating Under the Influence	25	1.07 %	Messages (Total Number of Occurrences)		
Court Ordered	9	0.38 %	Volume Not Met	155	6.62 %
Other	1	0.04 %	Slope Not Met	4	0.17 %
Probation/Parole	0	0.00 %	No Sample Provided	142	6.06 %
Commercial Motor Vehicle	0	0.00 %	RFI Detect	108	4.61 %
0.02 Enforcement/Zero Tolerance	3	0.13 %	Subject Test Refused	470	20.06 %
Breath Sample Statistics			Slope Not Level	6	0.26 %
Total Number of Breath Samples	4260		Sequence Aborted	16	0.68 %
Average Breath Volume - All Breath Samples	1.759 Liters		Interferent Detect	7	0.30 %
# of Breath Samples with No Message Flag	3438	80.7 %	Improper Sample	5	0.21 %
# of Breath Samples with Message Flag	822	19.3 %	Range Exceeded	0	0.00 %
Control Tests During Subject Tests			Ambient Fail	10	0.43 %
Total # of all Control Tests	4562		No 0.02 Agreement	6	0.26 %
Average of all Control Test Results	0.079		Purge Fail	12	0.51 %
# Control Tests within Acceptable Range	4531	99.32 %	Control Outside Tolerance	27	1.15 %
# Control Tests - Ctl Out Tolerance	27	0.59 %	Temperature Regulation Test	0	0.00 %
# Control Tests - Interferent Detect	2	0.04 %	Analytical Stability Test	0	0.00 %
# Control Tests with RFI Detect	2	0.04 %	EEPROM Checksum Test	0	0.00 %
Air Blanks During Subject Tests			Voltage/Current Test	4	0.17 %
Total # of All Air Blanks	13231		DSP Test	0	0.00 %
# of Air Blanks with No Message Flag	13120	99.16 %	Diagnostic Checks During Subject Tests		
# of Air Blanks with Message Flag	111	0.84 %	Total # of All Diagnostic Checks	4564	
			# of Diagnostic Checks - OK	4560	99.91 %
			# of Diagnostic Checks - Fail	4	0.09 %

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