



Florida Department of
Law Enforcement

Richard L. Swearingen
Commissioner

Alcohol Testing Program

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Rick Scott, Governor
Pam Bondi, Attorney General
Jeff Atwater, Chief Financial Officer
Adam Putnam, Commissioner of Agriculture

Memorandum

To: Department Inspectors
From: Brett Kirkland, Program Manager *BK*
Date: Thursday, March 09, 2017
SUBJECT: Intoxilyzer 8000 Subject Tests Statistical Data Review Summary - December 2016

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

Breath Test Statistics			Alcohol Concentration Statistics		
Total Number of Breath Tests: 2518			From Breath Samples with No Message Flag		
Type of Test			Average Breath Alcohol Concentration 0.144		
Driving Under the Influence	2464	97.86 %	# of Breath Samples <0.08 g/210L	806	22 %
System Check	1	0.04 %	# of Breath Samples >=0.08 g/210L	2903	78 %
Administrative	31	1.23 %	# of Breath Samples >=0.15 g/210L	1962	53 %
Boating Under the Influence	3	0.12 %	Messages (Total Number of Occurrences)		
Court Ordered	10	0.40 %	Volume Not Met	180	7.15 %
Other	3	0.12 %	Slope Not Met	10	0.40 %
Probation/Parole	4	0.16 %	No Sample Provided	149	5.92 %
Commercial Motor Vehicle	0	0.00 %	RFI Detect	95	3.77 %
0.02 Enforcement/Zero Tolerance	2	0.08 %	Subject Test Refused	514	20.41 %
Breath Sample Statistics			Slope Not Level	4	0.16 %
Total Number of Breath Samples 4604			Sequence Aborted	8	0.32 %
Average Breath Volume - All Breath Samples 1.782 Liters			Interferent Detect	8	0.32 %
# of Breath Samples with No Message Flag	3709	80.6 %	Improper Sample	6	0.24 %
# of Breath Samples with Message Flag	895	19.4 %	Range Exceeded	0	0.00 %
Control Tests During Subject Tests			Ambient Fail	9	0.36 %
Total # of all Control Tests 4922			No 0.02 Agreement	12	0.48 %
Average of all Control Test Results 0.079			Purge Fail	18	0.71 %
# Control Tests within Acceptable Range	4892	99.39 %	Control Outside Tolerance	21	0.83 %
# Control Tests - Ctl Out Tolerance	21	0.43 %	Temperature Regulation Test	1	0.04 %
# Control Tests - Interferent Detect	3	0.06 %	Analytical Stability Test	0	0.00 %
# Control Tests with RFI Detect	6	0.12 %	EEPROM Checksum Test	1	0.04 %
Air Blanks During Subject Tests			Voltage/Current Test	2	0.08 %
Total # of All Air Blanks 14270			DSP Test	0	0.00 %
# of Air Blanks with No Message Flag	14168	99.29 %	Diagnostic Checks During Subject Tests		
# of Air Blanks with Message Flag	102	0.71 %	Total # of All Diagnostic Checks 4924		
			# of Diagnostic Checks - OK	4920	99.92 %
			# of Diagnostic Checks - Fail	4	0.08 %

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