



Florida Department of
Law Enforcement

Richard L. Swearingen
Commissioner

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Memorandum

To: Department Inspectors
From: Brett Kirkland, Program Manager *BK*
Date: Monday, February 12, 2018
SUBJECT: Intoxilyzer 8000 Subject Tests Statistical Data Review Summary - November 2017

The following information is based on the review of the November 2017 subject tests electronic data:

Breath Test Statistics			Alcohol Concentration Statistics		
Total Number of Breath Tests: 2342			From Breath Samples with No Message Flag		
Type of Test			Average Breath Alcohol Concentration 0.145		
Driving Under the Influence	2297	98.08 %	# of Breath Samples <0.08 g/210L	690	20 %
System Check	0	0.00 %	# of Breath Samples >=0.08 g/210L	2785	80 %
Administrative	21	0.90 %	# of Breath Samples >=0.15 g/210L	1867	54 %
Boating Under the Influence	9	0.38 %	Messages (Total Number of Occurrences)		
Court Ordered	7	0.30 %	Volume Not Met	198	8.45 %
Other	4	0.17 %	Slope Not Met	2	0.09 %
Probation/Parole	2	0.09 %	No Sample Provided	182	7.77 %
Commercial Motor Vehicle	0	0.00 %	RFI Detect	88	3.76 %
0.02 Enforcement/Zero Tolerance	2	0.09 %	Subject Test Refused	425	18.15 %
Breath Sample Statistics			Slope Not Level	3	0.13 %
Total Number of Breath Samples 4322			Sequence Aborted	15	0.64 %
Average Breath Volume - All Breath Samples 1.793 Liters			Interferent Detect	6	0.26 %
# of Breath Samples with No Message Flag	3475	80.4 %	Improper Sample	3	0.13 %
# of Breath Samples with Message Flag	847	19.6 %	Range Exceeded	0	0.00 %
Control Tests During Subject Tests			Ambient Fail	6	0.26 %
Total # of all Control Tests 4567			No 0.02 Agreement	6	0.26 %
Average of all Control Test Results 0.079			Purge Fail	20	0.85 %
# Control Tests within Acceptable Range	4526	99.10 %	Control Outside Tolerance	35	1.49 %
# Control Tests - Ctl Out Tolerance	35	0.77 %	Temperature Regulation Test	0	0.00 %
# Control Tests - Interferent Detect	3	0.07 %	Analytical Stability Test	1	0.04 %
# Control Tests with RFI Detect	3	0.07 %	EEPROM Checksum Test	0	0.00 %
Air Blanks During Subject Tests			Voltage/Current Test	2	0.09 %
Total # of All Air Blanks 13350			DSP Test	0	0.00 %
# of Air Blanks with No Message Flag	13255	99.29 %	Diagnostic Checks During Subject Tests		
# of Air Blanks with Message Flag	95	0.71 %	Total # of All Diagnostic Checks 4558		
			# of Diagnostic Checks - OK	4555	99.93 %
			# of Diagnostic Checks - Fail	3	0.07 %

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