



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, March 12, 2018
SUBJECT: Intoxilyzer 8000 Subject Tests Statistical Data Review Summary - December 2017

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

Breath Test Statistics			Alcohol Concentration Statistics		
Total Number of Breath Tests: 2551			From Breath Samples with No Message Flag		
Type of Test			Average Breath Alcohol Concentration 0.152		
Driving Under the Influence	2503	98.12 %	# of Breath Samples <0.08 g/210L	655	17 %
System Check	1	0.04 %	# of Breath Samples >=0.08 g/210L	3095	83 %
Administrative	22	0.86 %	# of Breath Samples >=0.15 g/210L	2103	56 %
Boating Under the Influence	4	0.16 %	Messages (Total Number of Occurrences)		
Court Ordered	10	0.39 %	Volume Not Met	209	8.19 %
Other	2	0.08 %	Slope Not Met	8	0.31 %
Probation/Parole	7	0.27 %	No Sample Provided	153	6.00 %
Commercial Motor Vehicle	0	0.00 %	RFI Detect	93	3.65 %
0.02 Enforcement/Zero Tolerance	2	0.08 %	Subject Test Refused	499	19.56 %
Breath Sample Statistics			Slope Not Level	4	0.16 %
Total Number of Breath Samples	4679		Sequence Aborted	13	0.51 %
Average Breath Volume - All Breath Samples	1.784 Liters		Interferent Detect	11	0.43 %
# of Breath Samples with No Message Flag	3750	80.1 %	Improper Sample	5	0.20 %
# of Breath Samples with Message Flag	929	19.9 %	Range Exceeded	0	0.00 %
Control Tests During Subject Tests			Ambient Fail	9	0.35 %
Total # of all Control Tests	4966		No 0.02 Agreement	22	0.86 %
Average of all Control Test Results	0.080		Purge Fail	31	1.22 %
# Control Tests within Acceptable Range	4923	99.13 %	Control Outside Tolerance	34	1.33 %
# Control Tests - Ctl Out Tolerance	34	0.68 %	Temperature Regulation Test	0	0.00 %
# Control Tests - Interferent Detect	7	0.14 %	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	0	0.00 %
Total # of All Air Blanks	14485		DSP Test	0	0.00 %
# of Air Blanks with No Message Flag	14369	99.20 %	Diagnostic Checks During Subject Tests		
# of Air Blanks with Message Flag	116	0.80 %	Total # of All Diagnostic Checks	4961	
			# of Diagnostic Checks - OK	4961	100.00 %
			# of Diagnostic Checks - Fail	0	0.00 %

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