



Florida Department of
Law Enforcement

Richard L. Swearingen
Commissioner

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Memorandum

To: Department Inspectors
From: Brett Kirkland, Program Manager
Date: Thursday, March 05, 2020 *BK*
SUBJECT: Intoxilyzer 8000 Subject Tests Statistical Data Review Summary - September 2019

The following information is based on the review of the September 2019 subject tests electronic data:

Breath Test Statistics			Alcohol Concentration Statistics		
Total Number of Breath Tests: 2567			From Breath Samples with No Message Flag		
Type of Test			Average Breath Alcohol Concentration 0.143		
Driving Under the Influence	2501	97.43 %	# of Breath Samples <0.08 g/210L	830	22 %
System Check	1	0.04 %	# of Breath Samples >=0.08 g/210L	2994	78 %
Administrative	11	0.43 %	# of Breath Samples >=0.15 g/210L	2009	53 %
Boating Under the Influence	28	1.09 %	Messages (Total Number of Occurrences)		
Court Ordered	6	0.23 %	Volume Not Met	202	7.87 %
Other	6	0.23 %	Slope Not Met	6	0.23 %
Probation/Parole	8	0.31 %	No Sample Provided	161	6.27 %
Commercial Motor Vehicle	0	0.00 %	RFI Detect	79	3.08 %
0.02 Enforcement/Zero Tolerance	6	0.23 %	Subject Test Refused	504	19.63 %
Breath Sample Statistics			Slope Not Level	7	0.27 %
Total Number of Breath Samples 4740			Sequence Aborted	9	0.35 %
Average Breath Volume - All Breath Samples 1.766 Liters			Interferent Detect	8	0.31 %
# of Breath Samples with No Message Flag	3824	80.7 %	Improper Sample	11	0.43 %
# of Breath Samples with Message Flag	916	19.3 %	Range Exceeded	0	0.00 %
Control Tests During Subject Tests			Ambient Fail	3	0.12 %
Total # of all Control Tests 5034			No 0.02 Agreement	6	0.23 %
Average of all Control Test Results 0.079			Purge Fail	17	0.66 %
# Control Tests within Acceptable Range	4997	99.26 %	Control Outside Tolerance	33	1.29 %
# Control Tests - Ctl Out Tolerance	33	0.66 %	Temperature Regulation Test	0	0.00 %
# Control Tests - Interferent Detect	1	0.02 %	Analytical Stability Test	0	0.00 %
# Control Tests with RFI Detect	3	0.06 %	EEPROM Checksum Test	0	0.00 %
Air Blanks During Subject Tests			Voltage/Current Test	0	0.00 %
Total # of All Air Blanks 14631			DSP Test	0	0.00 %
# of Air Blanks with No Message Flag	14541	99.38 %	Diagnostic Checks During Subject Tests		
# of Air Blanks with Message Flag	90	0.62 %	Total # of All Diagnostic Checks 5024		
			# of Diagnostic Checks - OK	5023	99.98 %
			# of Diagnostic Checks - Fail	1	0.02 %

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