



Florida Department of
Law Enforcement

Richard L. Swearingen
Commissioner

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Memorandum

To: Department Inspectors
From: Brett Kirkland, Program Manager *BK*
Date: Wednesday, November 28, 2018
SUBJECT: Intoxilyzer 8000 Subject Tests Statistical Data Review Summary - August 2018

The following information is based on the review of the August 2018 subject tests electronic data:

Breath Test Statistics			Alcohol Concentration Statistics		
Total Number of Breath Tests: 2469			From Breath Samples with No Message Flag		
Type of Test			Average Breath Alcohol Concentration 0.143		
Driving Under the Influence	2407	97.49 %	# of Breath Samples <0.08 g/210L	762	21 %
System Check	0	0.00 %	# of Breath Samples >=0.08 g/210L	2905	79 %
Administrative	10	0.41 %	# of Breath Samples >=0.15 g/210L	1928	53 %
Boating Under the Influence	41	1.66 %	Messages (Total Number of Occurrences)		
Court Ordered	6	0.24 %	Volume Not Met	193	7.82 %
Other	3	0.12 %	Slope Not Met	9	0.36 %
Probation/Parole	1	0.04 %	No Sample Provided	157	6.36 %
Commercial Motor Vehicle	0	0.00 %	RFI Detect	97	3.93 %
0.02 Enforcement/Zero Tolerance	1	0.04 %	Subject Test Refused	487	19.72 %
Breath Sample Statistics			Slope Not Level	5	0.20 %
Total Number of Breath Samples 4569			Sequence Aborted	6	0.24 %
Average Breath Volume - All Breath Samples 1.788 Liters			Interferent Detect	4	0.16 %
# of Breath Samples with No Message Flag	3667	80.3 %	Improper Sample	3	0.12 %
# of Breath Samples with Message Flag	902	19.7 %	Range Exceeded	0	0.00 %
Control Tests During Subject Tests			Ambient Fail	5	0.20 %
Total # of all Control Tests 4877			No 0.02 Agreement	20	0.81 %
Average of all Control Test Results 0.079			Purge Fail	17	0.69 %
# Control Tests within Acceptable Range	4849	99.43 %	Control Outside Tolerance	20	0.81 %
# Control Tests - Ctl Out Tolerance	20	0.41 %	Temperature Regulation Test	3	0.12 %
# Control Tests - Interferent Detect	4	0.08 %	Analytical Stability Test	3	0.12 %
# Control Tests with RFI Detect	4	0.08 %	EEPROM Checksum Test	0	0.00 %
Air Blanks During Subject Tests			Voltage/Current Test	2	0.08 %
Total # of All Air Blanks 14147			DSP Test	0	0.00 %
# of Air Blanks with No Message Flag	14053	99.34 %	Diagnostic Checks During Subject Tests		
# of Air Blanks with Message Flag	94	0.66 %	Total # of All Diagnostic Checks 4877		
			# of Diagnostic Checks - OK	4869	99.84 %
			# of Diagnostic Checks - Fail	8	0.16 %

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