



Florida Department of
Law Enforcement

Richard L. Swearingen
Commissioner

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Memorandum

To: Department Inspectors
From: Brett Kirkland, Program Manager
Date: Tuesday, January 22, 2019 *BSK*
SUBJECT: Intoxilyzer 8000 Subject Tests Statistical Data Review Summary - October 2018

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

Breath Test Statistics			Alcohol Concentration Statistics		
Total Number of Breath Tests: 2214			From Breath Samples with No Message Flag		
Type of Test			Average Breath Alcohol Concentration 0.152		
Driving Under the Influence	2173	98.15 %	# of Breath Samples <0.08 g/210L	606	18 %
System Check	0	0.00 %	# of Breath Samples >=0.08 g/210L	2684	82 %
Administrative	9	0.41 %	# of Breath Samples >=0.15 g/210L	1904	58 %
Boating Under the Influence	14	0.63 %	Messages (Total Number of Occurrences)		
Court Ordered	10	0.45 %	Volume Not Met	190	8.58 %
Other	4	0.18 %	Slope Not Met	6	0.27 %
Probation/Parole	2	0.09 %	No Sample Provided	127	5.74 %
Commercial Motor Vehicle	1	0.05 %	RFI Detect	71	3.21 %
0.02 Enforcement/Zero Tolerance	1	0.05 %	Subject Test Refused	442	19.96 %
Breath Sample Statistics			Slope Not Level	5	0.23 %
Total Number of Breath Samples 4098			Sequence Aborted	5	0.23 %
Average Breath Volume - All Breath Samples 1.763 Liters			Interferent Detect	7	0.32 %
# of Breath Samples with No Message Flag	3290	80.3 %	Improper Sample	3	0.14 %
# of Breath Samples with Message Flag	808	19.7 %	Range Exceeded	0	0.00 %
Control Tests During Subject Tests			Ambient Fail	7	0.32 %
Total # of all Control Tests 4394			No 0.02 Agreement	5	0.23 %
Average of all Control Test Results 0.079			Purge Fail	27	1.22 %
# Control Tests within Acceptable Range	4362	99.27 %	Control Outside Tolerance	23	1.04 %
# Control Tests - Ctl Out Tolerance	23	0.52 %	Temperature Regulation Test	0	0.00 %
# Control Tests - Interferent Detect	5	0.11 %	Analytical Stability Test	1	0.05 %
# Control Tests with RFI Detect	4	0.09 %	EEPROM Checksum Test	0	0.00 %
Air Blanks During Subject Tests			Voltage/Current Test	0	0.00 %
Total # of All Air Blanks 12717			DSP Test	2	0.09 %
# of Air Blanks with No Message Flag	12629	99.31 %	Diagnostic Checks During Subject Tests		
# of Air Blanks with Message Flag	88	0.69 %	Total # of All Diagnostic Checks 4398		
			# of Diagnostic Checks - OK	4395	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