



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, May 11, 2020
SUBJECT: Intoxilyzer 8000 Subject Tests Statistical Data Review Summary - March 2020

The following information is based on the review of the March 2020 subject tests electronic data:

Breath Test Statistics			Alcohol Concentration Statistics		
Total Number of Breath Tests: 1989			From Breath Samples with No Message Flag		
Type of Test			Average Breath Alcohol Concentration 0.146		
Driving Under the Influence	1946	97.84 %	# of Breath Samples <0.08 g/210L	595	20 %
System Check	0	0.00 %	# of Breath Samples >=0.08 g/210L	2380	80 %
Administrative	10	0.50 %	# of Breath Samples >=0.15 g/210L	1558	52 %
Boating Under the Influence	25	1.26 %	Messages (Total Number of Occurrences)		
Court Ordered	4	0.20 %	Volume Not Met	152	7.64 %
Other	3	0.15 %	Slope Not Met	2	0.10 %
Probation/Parole	0	0.00 %	No Sample Provided	152	7.64 %
Commercial Motor Vehicle	0	0.00 %	RFI Detect	73	3.67 %
0.02 Enforcement/Zero Tolerance	1	0.05 %	Subject Test Refused	335	16.84 %
Breath Sample Statistics			Slope Not Level	5	0.25 %
Total Number of Breath Samples 3647			Sequence Aborted	11	0.55 %
Average Breath Volume - All Breath Samples 1.798 Liters			Interferent Detect	4	0.20 %
# of Breath Samples with No Message Flag 2975 81.6 %			Improper Sample	15	0.75 %
# of Breath Samples with Message Flag 672 18.4 %			Range Exceeded	0	0.00 %
Control Tests During Subject Tests			Ambient Fail	9	0.45 %
Total # of all Control Tests 3847			No 0.02 Agreement	4	0.20 %
Average of all Control Test Results 0.079			Purge Fail	13	0.65 %
# Control Tests within Acceptable Range 3793 98.60 %			Control Outside Tolerance	50	2.51 %
# Control Tests - Ctl Out Tolerance 50 1.30 %			Temperature Regulation Test	1	0.05 %
# Control Tests - Interferent Detect 3 0.08 %			Analytical Stability Test	2	0.10 %
# Control Tests with RFI Detect 1 0.03 %			EEPROM Checksum Test	0	0.00 %
Air Blanks During Subject Tests			Voltage/Current Test	1	0.05 %
Total # of All Air Blanks 11298			DSP Test	0	0.00 %
# of Air Blanks with No Message Flag 11204 99.17 %			Diagnostic Checks During Subject Tests		
# of Air Blanks with Message Flag 94 0.83 %			Total # of All Diagnostic Checks 3842		
			# of Diagnostic Checks - OK 3837 99.87 %		
			# of Diagnostic Checks - Fail 5 0.13 %		

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