



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 - January 2020

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

Breath Test Statistics			Alcohol Concentration Statistics From Breath Samples with No Message Flag		
Total Number of Breath Tests: 2523			Average Breath Alcohol Concentration 0.146		
Type of Test			# of Breath Samples <0.08 g/210L 732 20 %		
Driving Under the Influence	2477	98.18 %	# of Breath Samples >=0.08 g/210L 2991 80 %		
System Check	4	0.16 %	# of Breath Samples >=0.15 g/210L 1950 52 %		
Administrative	13	0.52 %	Messages (Total Number of Occurrences)		
Boating Under the Influence	10	0.40 %	Volume Not Met	185	7.33 %
Court Ordered	10	0.40 %	Slope Not Met	2	0.08 %
Other	1	0.04 %	No Sample Provided	175	6.94 %
Probation/Parole	8	0.32 %	RFI Detect	72	2.85 %
Commercial Motor Vehicle	0	0.00 %	Subject Test Refused	496	19.66 %
0.02 Enforcement/Zero Tolerance	0	0.00 %	Slope Not Level	3	0.12 %
Breath Sample Statistics			Sequence Aborted	11	0.44 %
Total Number of Breath Samples 4627			Interferent Detect	11	0.44 %
Average Breath Volume - All Breath Samples 1.781 Liters			Improper Sample	15	0.59 %
# of Breath Samples with No Message Flag 3723 80.5 %			Range Exceeded	0	0.00 %
# of Breath Samples with Message Flag 904 19.5 %			Ambient Fail	3	0.12 %
Control Tests During Subject Tests			No 0.02 Agreement	14	0.55 %
Total # of all Control Tests 4918			Purge Fail	34	1.35 %
Average of all Control Test Results 0.080			Control Outside Tolerance	30	1.19 %
# Control Tests within Acceptable Range 4876 99.15 %			Temperature Regulation Test	1	0.04 %
# Control Tests - Ctl Out Tolerance 30 0.61 %			Analytical Stability Test	0	0.00 %
# Control Tests - Interferent Detect 8 0.16 %			EEPROM Checksum Test	0	0.00 %
# Control Tests with RFI Detect 4 0.08 %			Voltage/Current Test	1	0.04 %
Air Blanks During Subject Tests			DSP Test	3	0.12 %
Total # of All Air Blanks 14313			Diagnostic Checks During Subject Tests		
# of Air Blanks with No Message Flag 14213 99.30 %			Total # of All Diagnostic Checks 4921		
# of Air Blanks with Message Flag 100 0.7 %			# of Diagnostic Checks - OK 4916 99.90 %		
			# of Diagnostic Checks - Fail 5 0.10 %		

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