



Florida Department of
Law Enforcement

Richard L. Swearingen
Commissioner

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Memorandum

To: Department Inspectors
From: Brett Kirkland, Program Manager *BK*
Date: Tuesday, October 27, 2020
SUBJECT: Intoxilyzer 8000 Subject Tests Statistical Data Review Summary - July 2020

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

Breath Test Statistics			Alcohol Concentration Statistics From Breath Samples with No Message Flag		
Total Number of Breath Tests: 1860			Average Breath Alcohol Concentration 0.138		
Type of Test			# of Breath Samples <0.08 g/210L 710 26 %		
Driving Under the Influence	1780	95.70 %	# of Breath Samples >/=0.08 g/210L 2030 74 %		
System Check	1	0.05 %	# of Breath Samples >/=0.15 g/210L 1397 51 %		
Administrative	0	0.00 %	Messages (Total Number of Occurrences)		
Boating Under the Influence	72	3.87 %	Volume Not Met	133	7.15 %
Court Ordered	0	0.00 %	Slope Not Met	5	0.27 %
Other	5	0.27 %	No Sample Provided	125	6.72 %
Probation/Parole	0	0.00 %	RFI Detect	86	4.62 %
Commercial Motor Vehicle	0	0.00 %	Subject Test Refused	336	18.06 %
0.02 Enforcement/Zero Tolerance	2	0.11 %	Slope Not Level	1	0.05 %
Breath Sample Statistics			Sequence Aborted	4	0.22 %
Total Number of Breath Samples 3373			Interferent Detect	8	0.43 %
Average Breath Volume - All Breath Samples 1.823 Liters			Improper Sample	9	0.48 %
# of Breath Samples with No Message Flag	2740	81.2 %	Range Exceeded	0	0.00 %
# of Breath Samples with Message Flag	633	18.8 %	Ambient Fail	7	0.38 %
Control Tests During Subject Tests			No 0.02 Agreement	16	0.86 %
Total # of all Control Tests 3590			Purge Fail	20	1.08 %
Average of all Control Test Results 0.079			Control Outside Tolerance	29	1.56 %
# Control Tests within Acceptable Range	3545	98.75 %	Temperature Regulation Test	0	0.00 %
# Control Tests - Ctl Out Tolerance	29	0.81 %	Analytical Stability Test	1	0.05 %
# Control Tests - Interferent Detect	7	0.19 %	EEPROM Checksum Test	0	0.00 %
# Control Tests with RFI Detect	9	0.25 %	Voltage/Current Test	0	0.00 %
Air Blanks During Subject Tests			DSP Test	0	0.00 %
Total # of All Air Blanks 10492			Diagnostic Checks During Subject Tests		
# of Air Blanks with No Message Flag	10391	99.04 %	Total # of All Diagnostic Checks 3594		
# of Air Blanks with Message Flag	101	0.96 %	# of Diagnostic Checks - OK 3591 99.92 %		
			# of Diagnostic Checks - Fail 3 0.08 %		

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