



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, January 5, 2021
SUBJECT: Intoxilyzer 8000 Subject Tests Statistical Data Review Summary - October 2020

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

Breath Test Statistics			Alcohol Concentration Statistics		
Total Number of Breath Tests:			2412		
Type of Test			From Breath Samples with No Message Flag		
Driving Under the Influence	2363	97.97 %	Average Breath Alcohol Concentration 0.142		
System Check	7	0.29 %	# of Breath Samples <0.08 g/210L	847	23 %
Administrative	6	0.25 %	# of Breath Samples >/=0.08 g/210L	2799	77 %
Boating Under the Influence	13	0.54 %	# of Breath Samples >/=0.15 g/210L	1952	54 %
Court Ordered	17	0.70 %	Messages (Total Number of Occurrences)		
Other	1	0.04 %	Volume Not Met	191	7.92 %
Probation/Parole	4	0.17 %	Slope Not Met	10	0.41 %
Commercial Motor Vehicle	0	0.00 %	No Sample Provided	161	6.67 %
0.02 Enforcement/Zero Tolerance	1	0.04 %	RFI Detect	104	4.31 %
Breath Sample Statistics			Subject Test Refused	430	17.83 %
Total Number of Breath Samples			4491		
Average Breath Volume - All Breath Samples			1.801 Liters		
# of Breath Samples with No Message Flag	3646	81.2 %	Slope Not Level	4	0.17 %
# of Breath Samples with Message Flag	845	18.8 %	Sequence Aborted	13	0.54 %
Control Tests During Subject Tests			Interferent Detect	8	0.33 %
Total # of all Control Tests			4721		
Average of all Control Test Results			0.079		
# Control Tests within Acceptable Range	4671	98.94 %	Improper Sample	4	0.17 %
# Control Tests - Ctl Out Tolerance	42	0.89 %	Range Exceeded	0	0.00 %
# Control Tests - Interferent Detect	5	0.11 %	Ambient Fail	5	0.21 %
# Control Tests with RFI Detect	3	0.06 %	No 0.02 Agreement	8	0.33 %
Air Blanks During Subject Tests			Purge Fail	23	0.95 %
Total # of All Air Blanks			13870		
Average of all Diagnostic Checks			4734		
# of Air Blanks with No Message Flag	13762	99.22 %	Control Outside Tolerance	42	1.74 %
# of Air Blanks with Message Flag	108	0.78 %	Temperature Regulation Test	0	0.00 %
			Analytical Stability Test	2	0.08 %
			EEPROM Checksum Test	0	0.00 %
			Voltage/Current Test	0	0.00 %
			DSP Test	0	0.00 %
			Diagnostic Checks During Subject Tests		
			Total # of All Diagnostic Checks		
			4734		
			# of Diagnostic Checks - OK	4724	99.79 %
			# of Diagnostic Checks - Fail	10	0.21 %

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