



Florida Department of
Law Enforcement

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Commissioner

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Memorandum

To: Department Inspectors
From: Brett Kirkland, Program Manager
Date: Thursday, March 05, 2020 *BSK*
SUBJECT: Intoxilyzer 8000 Subject Tests Statistical Data Review Summary - December 2019

The following information is based on the review of the December 2019 subject tests electronic data:

Breath Test Statistics			Alcohol Concentration Statistics		
Total Number of Breath Tests: 2562			From Breath Samples with No Message Flag		
Type of Test			Average Breath Alcohol Concentration 0.145		
Driving Under the Influence	2526	98.59 %	# of Breath Samples <0.08 g/210L	717	19 %
System Check	0	0.00 %	# of Breath Samples >=0.08 g/210L	3057	81 %
Administrative	18	0.70 %	# of Breath Samples >=0.15 g/210L	1970	52 %
Boating Under the Influence	10	0.39 %	Messages (Total Number of Occurrences)		
Court Ordered	4	0.16 %	Volume Not Met	206	8.04 %
Other	0	0.00 %	Slope Not Met	1	0.04 %
Probation/Parole	4	0.16 %	No Sample Provided	186	7.26 %
Commercial Motor Vehicle	0	0.00 %	RFI Detect	65	2.54 %
0.02 Enforcement/Zero Tolerance	0	0.00 %	Subject Test Refused	506	19.75 %
Breath Sample Statistics			Slope Not Level	4	0.16 %
Total Number of Breath Samples 4711			Sequence Aborted	13	0.51 %
Average Breath Volume - All Breath Samples 1.784 Liters			Interferent Detect	4	0.16 %
# of Breath Samples with No Message Flag	3774	80.1 %	Improper Sample	15	0.59 %
# of Breath Samples with Message Flag	937	19.9 %	Range Exceeded	0	0.00 %
Control Tests During Subject Tests			Ambient Fail	10	0.39 %
Total # of all Control Tests 5010			No 0.02 Agreement	6	0.23 %
Average of all Control Test Results 0.080			Purge Fail	26	1.01 %
# Control Tests within Acceptable Range	4970	99.20 %	Control Outside Tolerance	35	1.37 %
# Control Tests - Ctl Out Tolerance	35	0.70 %	Temperature Regulation Test	1	0.04 %
# Control Tests - Interferent Detect	4	0.08 %	Analytical Stability Test	2	0.08 %
# Control Tests with RFI Detect	1	0.02 %	EEPROM Checksum Test	0	0.00 %
Air Blanks During Subject Tests			Voltage/Current Test	0	0.00 %
Total # of All Air Blanks 14566			DSP Test	0	0.00 %
# of Air Blanks with No Message Flag	14470	99.34 %	Diagnostic Checks During Subject Tests		
# of Air Blanks with Message Flag	96	0.66 %	Total # of All Diagnostic Checks 5000		
			# of Diagnostic Checks - OK	4994	99.88 %
			# of Diagnostic Checks - Fail	6	0.12 %

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