



Florida Department of
Law Enforcement

Richard L. Swearingen
Commissioner

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Memorandum

To: Department Inspectors
From: Brett Kirkland, Program Manager
Date: Wednesday, November 13, 2019 *BK*
SUBJECT: Intoxilyzer 8000 Subject Tests Statistical Data Review Summary - August 2019

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

Breath Test Statistics			Alcohol Concentration Statistics		
Total Number of Breath Tests: 2702			From Breath Samples with No Message Flag		
Type of Test			Average Breath Alcohol Concentration 0.142		
Driving Under the Influence	2616	96.82 %	# of Breath Samples <0.08 g/210L	862	21 %
System Check	1	0.04 %	# of Breath Samples >=0.08 g/210L	3156	79 %
Administrative	17	0.63 %	# of Breath Samples >=0.15 g/210L	2103	52 %
Boating Under the Influence	43	1.59 %	Messages (Total Number of Occurrences)		
Court Ordered	15	0.56 %	Volume Not Met	203	7.51 %
Other	5	0.19 %	Slope Not Met	13	0.48 %
Probation/Parole	2	0.07 %	No Sample Provided	215	7.96 %
Commercial Motor Vehicle	0	0.00 %	RFI Detect	108	4.00 %
0.02 Enforcement/Zero Tolerance	3	0.11 %	Subject Test Refused	516	19.10 %
Breath Sample Statistics			Slope Not Level	4	0.15 %
Total Number of Breath Samples 5033			Sequence Aborted	17	0.63 %
Average Breath Volume - All Breath Samples 1.752 Liters			Interferent Detect	10	0.37 %
# of Breath Samples with No Message Flag	4018	79.8 %	Improper Sample	18	0.67 %
# of Breath Samples with Message Flag	1015	20.2 %	Range Exceeded	0	0.00 %
Control Tests During Subject Tests			Ambient Fail	5	0.19 %
Total # of all Control Tests 5340			No 0.02 Agreement	12	0.44 %
Average of all Control Test Results 0.079			Purge Fail	14	0.52 %
# Control Tests within Acceptable Range	5304	99.33 %	Control Outside Tolerance	25	0.93 %
# Control Tests - Ctl Out Tolerance	26	0.49 %	Temperature Regulation Test	0	0.00 %
# Control Tests - Interferent Detect	5	0.09 %	Analytical Stability Test	1	0.04 %
# Control Tests with RFI Detect	5	0.09 %	EEPROM Checksum Test	0	0.00 %
Air Blanks During Subject Tests			Voltage/Current Test	0	0.00 %
Total # of All Air Blanks 15565			DSP Test	0	0.00 %
# of Air Blanks with No Message Flag	15454	99.29 %	Diagnostic Checks During Subject Tests		
# of Air Blanks with Message Flag	111	0.71 %	Total # of All Diagnostic Checks 5345		
			# of Diagnostic Checks - OK	5342	99.94 %
			# of Diagnostic Checks - Fail	3	0.06 %

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