



Florida Department of
Law Enforcement

Richard L. Swearingen
Commissioner

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Memorandum

To: Department Inspectors
From: Brett Kirkland, Program Manager *BSK*
Date: Wednesday, May 16, 2018
SUBJECT: Intoxilyzer 8000 Subject Tests Statistical Data Review Summary - February 2018

The following information is based on the review of the February 2018 subject tests electronic data:

Breath Test Statistics			Alcohol Concentration Statistics		
Total Number of Breath Tests: 2397			From Breath Samples with No Message Flag		
Type of Test			Average Breath Alcohol Concentration 0.142		
Driving Under the Influence	2329	97.16 %	# of Breath Samples <0.08 g/210L	695	20 %
System Check	0	0.00 %	# of Breath Samples >=0.08 g/210L	2758	80 %
Administrative	18	0.75 %	# of Breath Samples >=0.15 g/210L	1838	53 %
Boating Under the Influence	18	0.75 %	Messages (Total Number of Occurrences)		
Court Ordered	18	0.75 %	Volume Not Met	171	7.13 %
Other	5	0.21 %	Slope Not Met	1	0.04 %
Probation/Parole	4	0.17 %	No Sample Provided	126	5.26 %
Commercial Motor Vehicle	1	0.04 %	RFI Detect	82	3.42 %
0.02 Enforcement/Zero Tolerance	4	0.17 %	Subject Test Refused	511	21.32 %
Breath Sample Statistics			Slope Not Level	4	0.17 %
Total Number of Breath Samples	4306		Sequence Aborted	3	0.13 %
Average Breath Volume - All Breath Samples	1.769 Liters		Interferent Detect	8	0.33 %
# of Breath Samples with No Message Flag	3453	80.2 %	Improper Sample	11	0.46 %
# of Breath Samples with Message Flag	853	19.8 %	Range Exceeded	0	0.00 %
Control Tests During Subject Tests			Ambient Fail	16	0.67 %
Total # of all Control Tests	4663		No 0.02 Agreement	14	0.58 %
Average of all Control Test Results	0.080		Purge Fail	17	0.71 %
# Control Tests within Acceptable Range	4637	99.44 %	Control Outside Tolerance	18	0.75 %
# Control Tests - Ctl Out Tolerance	18	0.39 %	Temperature Regulation Test	4	0.17 %
# Control Tests - Interferent Detect	4	0.09 %	Analytical Stability Test	0	0.00 %
# Control Tests with RFI Detect	4	0.09 %	EEPROM Checksum Test	0	0.00 %
Air Blanks During Subject Tests			Voltage/Current Test	0	0.00 %
Total # of All Air Blanks	13424		DSP Test	0	0.00 %
# of Air Blanks with No Message Flag	13326	99.27 %	Diagnostic Checks During Subject Tests		
# of Air Blanks with Message Flag	98	0.73 %	Total # of All Diagnostic Checks	4679	
			# of Diagnostic Checks - OK	4675	99.91 %
			# of Diagnostic Checks - Fail	4	0.09 %

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