



Florida Department of
Law Enforcement

Richard L. Swearingen
Commissioner

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Memorandum

To: Department Inspectors
From: Brett Kirkland, Program Manager *BSK*
Date: Thursday, August 09, 2018
SUBJECT: Intoxilyzer 8000 Subject Tests Statistical Data Review Summary - May 2018

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

Breath Test Statistics			Alcohol Concentration Statistics From Breath Samples with No Message Flag		
Total Number of Breath Tests:	2445		Average Breath Alcohol Concentration 0.145		
Type of Test			# of Breath Samples <0.08 g/210L	690	19 %
Driving Under the Influence	2389	97.71 %	# of Breath Samples >=0.08 g/210L	2888	81 %
System Check	0	0.00 %	# of Breath Samples >=0.15 g/210L	1903	53 %
Administrative	7	0.29 %	Messages (Total Number of Occurrences)		
Boating Under the Influence	41	1.68 %	Volume Not Met	185	7.57 %
Court Ordered	0	0.00 %	Slope Not Met	4	0.16 %
Other	5	0.20 %	No Sample Provided	171	6.99 %
Probation/Parole	1	0.04 %	RFI Detect	95	3.89 %
Commercial Motor Vehicle	0	0.00 %	Subject Test Refused	501	20.49 %
0.02 Enforcement/Zero Tolerance	2	0.08 %	Slope Not Level	8	0.33 %
Breath Sample Statistics			Sequence Aborted	10	0.41 %
Total Number of Breath Samples	4477		Interferent Detect	6	0.25 %
Average Breath Volume - All Breath Samples	1.779 Liters		Improper Sample	5	0.20 %
# of Breath Samples with No Message Flag	3578	79.9 %	Range Exceeded	0	0.00 %
# of Breath Samples with Message Flag	899	20.1 %	Ambient Fail	2	0.08 %
Control Tests During Subject Tests			No 0.02 Agreement	10	0.41 %
Total # of all Control Tests	4772		Purge Fail	25	1.02 %
Average of all Control Test Results	0.080		Control Outside Tolerance	23	0.94 %
# Control Tests within Acceptable Range	4740	99.33 %	Temperature Regulation Test	0	0.00 %
# Control Tests - Ctl Out Tolerance	23	0.48 %	Analytical Stability Test	1	0.04 %
# Control Tests - Interferent Detect	4	0.08 %	EEPROM Checksum Test	0	0.00 %
# Control Tests with RFI Detect	5	0.10 %	Voltage/Current Test	4	0.16 %
Air Blanks During Subject Tests			DSP Test	0	0.00 %
Total # of All Air Blanks	13874		Diagnostic Checks During Subject Tests		
# of Air Blanks with No Message Flag	13766	99.22 %	Total # of All Diagnostic Checks	4772	
# of Air Blanks with Message Flag	108	0.78 %	# of Diagnostic Checks - OK	4767	99.90 %
			# of Diagnostic Checks - Fail	5	0.10 %

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