



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, November 14, 2017
SUBJECT: Intoxilyzer 8000 Subject Tests Statistical Data Review Summary - August 2017

The following information is based on the review of the August 2017 subject tests electronic data:

Breath Test Statistics			Alcohol Concentration Statistics From Breath Samples with No Message Flag		
Total Number of Breath Tests: 2469			Average Breath Alcohol Concentration 0.146		
Type of Test			# of Breath Samples <0.08 g/210L 705 19 %		
Driving Under the Influence	2426	98.26 %	# of Breath Samples >=0.08 g/210L 2928 81 %		
System Check	2	0.08 %	# of Breath Samples >=0.15 g/210L 1943 53 %		
Administrative	12	0.49 %	Messages (Total Number of Occurrences)		
Boating Under the Influence	12	0.49 %	Volume Not Met 194 7.86 %		
Court Ordered	11	0.45 %	Slope Not Met 4 0.16 %		
Other	4	0.16 %	No Sample Provided 142 5.75 %		
Probation/Parole	1	0.04 %	RFI Detect 77 3.12 %		
Commercial Motor Vehicle	0	0.00 %	Subject Test Refused 490 19.85 %		
0.02 Enforcement/Zero Tolerance	1	0.04 %	Slope Not Level 8 0.32 %		
Breath Sample Statistics			Sequence Aborted 10 0.41 %		
Total Number of Breath Samples 4500			Interferent Detect 9 0.36 %		
Average Breath Volume - All Breath Samples 1.780 Liters			Improper Sample 8 0.32 %		
# of Breath Samples with No Message Flag	3633	80.7 %	Range Exceeded 0 0.00 %		
# of Breath Samples with Message Flag	867	19.3 %	Ambient Fail 11 0.45 %		
Control Tests During Subject Tests			No 0.02 Agreement 5 0.20 %		
Total # of all Control Tests 4832			Purge Fail 16 0.65 %		
Average of all Control Test Results 0.079			Control Outside Tolerance 27 1.09 %		
# Control Tests within Acceptable Range	4796	99.25 %	Temperature Regulation Test 2 0.08 %		
# Control Tests - Ctl Out Tolerance	27	0.56 %	Analytical Stability Test 0 0.00 %		
# Control Tests - Interferent Detect	3	0.06 %	EEPROM Checksum Test 0 0.00 %		
# Control Tests with RFI Detect	6	0.12 %	Voltage/Current Test 0 0.00 %		
Air Blanks During Subject Tests			DSP Test 0 0.00 %		
Total # of All Air Blanks 13967			Diagnostic Checks During Subject Tests		
# of Air Blanks with No Message Flag	13877	99.36 %	Total # of All Diagnostic Checks 4825		
# of Air Blanks with Message Flag	90	0.64 %	# of Diagnostic Checks - OK 4823 99.96 %		
			# of Diagnostic Checks - Fail 2 0.04 %		

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