



Florida Department of
Law Enforcement

Richard L. Swearingen
Commissioner

Alcohol Testing Program
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Jeff Atwater, Chief Financial Officer
Adam Putnam, Commissioner of Agriculture

Memorandum

To: Department Inspectors
From: Brett Kirkland, Program Manager *BK*
Date: Wednesday, July 20, 2016
SUBJECT: Intoxilyzer 8000 Subject Tests Statistical Data Review Summary - January 2016

The following information is based on the review of the January 2016 subject tests electronic data:

Breath Test Statistics			Alcohol Concentration Statistics From Breath Samples with No Message Flag		
Total Number of Breath Tests:			2684		
Type of Test			Average Breath Alcohol Concentration		
Driving Under the Influence	2611	97.28 %	# of Breath Samples <0.08 g/210L	727	18 %
System Check	3	0.11 %	# of Breath Samples >=0.08 g/210L	3220	82 %
Administrative	31	1.15 %	# of Breath Samples >=0.15 g/210L	2105	53 %
Boating Under the Influence	12	0.45 %	Messages (Total Number of Occurrences)		
Court Ordered	12	0.45 %	Volume Not Met	232	8.64 %
Other	1	0.04 %	Slope Not Met	4	0.15 %
Probation/Parole	8	0.30 %	No Sample Provided	158	5.89 %
Commercial Motor Vehicle	0	0.00 %	RFI Detect	87	3.24 %
0.02 Enforcement/Zero Tolerance	6	0.22 %	Subject Test Refused	547	20.38 %
Breath Sample Statistics			Slope Not Level	6	0.22 %
Total Number of Breath Samples			Sequence Aborted	14	0.52 %
Average Breath Volume - All Breath Samples			Interferent Detect	4	0.15 %
1.767 Liters			Improper Sample	2	0.07 %
# of Breath Samples with No Message Flag	3947	79.5 %	Range Exceeded	0	0.00 %
# of Breath Samples with Message Flag	1015	20.5 %	Ambient Fail	5	0.19 %
Control Tests During Subject Tests			No 0.02 Agreement	27	1.01 %
Total # of all Control Tests			Purge Fail	25	0.93 %
5303			Control Outside Tolerance	36	1.34 %
Average of all Control Test Results			Temperature Regulation Test	1	0.04 %
0.079			Analytical Stability Test	0	0.00 %
# Control Tests within Acceptable Range	5260	99.19 %	EEPROM Checksum Test	0	0.00 %
# Control Tests - Ctl Out Tolerance	37	0.70 %	Voltage/Current Test	1	0.04 %
# Control Tests - Interferent Detect	1	0.02 %	DSP Test	0	0.00 %
# Control Tests with RFI Detect	5	0.09 %	Diagnostic Checks During Subject Tests		
Air Blanks During Subject Tests			Total # of All Diagnostic Checks		
Total # of All Air Blanks			5304		
15376			# of Diagnostic Checks - OK	5302	99.96 %
# of Air Blanks with No Message Flag	15281	99.38 %	# of Diagnostic Checks - Fail	2	0.04 %
# of Air Blanks with Message Flag	95	0.62 %			

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