



Florida Department of
Law Enforcement

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Commissioner

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Memorandum

To: Department Inspectors
From: Brett Kirkland, Program Manager *BK*
Date: Wednesday, October 11, 2017
SUBJECT: Intoxilyzer 8000 Subject Tests Statistical Data Review Summary - July 2017

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

| Breath Test Statistics | | | Alcohol Concentration Statistics From Breath Samples with No Message Flag | | |
|--|-------|---------|--|------|---------|
| Total Number of Breath Tests: | | | 2823 | | |
| Type of Test | | | Average Breath Alcohol Concentration | | |
| Driving Under the Influence | 2678 | 94.86 % | | 803 | 20 % |
| System Check | 0 | 0.00 % | # of Breath Samples <0.08 g/210L | 3247 | 80 % |
| Administrative | 31 | 1.10 % | # of Breath Samples >=0.08 g/210L | 2142 | 53 % |
| Boating Under the Influence | 94 | 3.33 % | # of Breath Samples >=0.15 g/210L | | |
| Court Ordered | 6 | 0.21 % | Messages (Total Number of Occurrences) | | |
| Other | 2 | 0.07 % | Volume Not Met | 201 | 7.12 % |
| Probation/Parole | 6 | 0.21 % | Slope Not Met | 9 | 0.32 % |
| Commercial Motor Vehicle | 1 | 0.04 % | No Sample Provided | 174 | 6.16 % |
| 0.02 Enforcement/Zero Tolerance | 5 | 0.18 % | RFI Detect | 102 | 3.61 % |
| Breath Sample Statistics | | | Subject Test Refused | 566 | 20.05 % |
| Total Number of Breath Samples | | | Slope Not Level | 4 | 0.14 % |
| Average Breath Volume - All Breath Samples | | | Sequence Aborted | 17 | 0.60 % |
| # of Breath Samples with No Message Flag | 4050 | 80.0 % | Interferent Detect | 30 | 1.06 % |
| # of Breath Samples with Message Flag | 1010 | 20 % | Improper Sample | 14 | 0.50 % |
| Control Tests During Subject Tests | | | Range Exceeded | 0 | 0.00 % |
| Total # of all Control Tests | | | Ambient Fail | 13 | 0.46 % |
| Average of all Control Test Results | | | No 0.02 Agreement | 9 | 0.32 % |
| # Control Tests within Acceptable Range | 5429 | 99.16 % | Purge Fail | 20 | 0.71 % |
| # Control Tests - Ctl Out Tolerance | 24 | 0.44 % | Control Outside Tolerance | 24 | 0.85 % |
| # Control Tests - Interferent Detect | 15 | 0.27 % | Temperature Regulation Test | 1 | 0.04 % |
| # Control Tests with RFI Detect | 7 | 0.13 % | Analytical Stability Test | 0 | 0.00 % |
| Air Blanks During Subject Tests | | | EEPROM Checksum Test | 0 | 0.00 % |
| Total # of All Air Blanks | | | Voltage/Current Test | 0 | 0.00 % |
| # of Air Blanks with No Message Flag | 15673 | 99.25 % | DSP Test | 0 | 0.00 % |
| # of Air Blanks with Message Flag | 118 | 0.75 % | Diagnostic Checks During Subject Tests | | |
| | | | Total # of All Diagnostic Checks | | |
| | | | 5489 | | |
| | | | # of Diagnostic Checks - OK | 5488 | 99.98 % |
| | | | # of Diagnostic Checks - Fail | 1 | 0.02 % |

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