



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: Thursday, September 19, 2019
SUBJECT: Intoxilyzer 8000 Subject Tests Statistical Data Review Summary - June 2019

The following information is based on the review of the June 2019 subject tests electronic data:

| Breath Test Statistics | | | Alcohol Concentration Statistics From Breath Samples with No Message Flag | | |
|---|-------|---------|--|-----|---------|
| Total Number of Breath Tests: 2477 | | | Average Breath Alcohol Concentration 0.144 | | |
| Type of Test | | | # of Breath Samples <0.08 g/210L 732 21 % | | |
| Driving Under the Influence | 2375 | 95.88 % | # of Breath Samples >=0.08 g/210L 2832 79 % | | |
| System Check | 0 | 0.00 % | # of Breath Samples >=0.15 g/210L 1876 53 % | | |
| Administrative | 16 | 0.65 % | Messages (Total Number of Occurrences) | | |
| Boating Under the Influence | 66 | 2.66 % | Volume Not Met | 202 | 8.16 % |
| Court Ordered | 3 | 0.12 % | Slope Not Met | 6 | 0.24 % |
| Other | 5 | 0.20 % | No Sample Provided | 170 | 6.86 % |
| Probation/Parole | 11 | 0.44 % | RFI Detect | 114 | 4.60 % |
| Commercial Motor Vehicle | 0 | 0.00 % | Subject Test Refused | 505 | 20.39 % |
| 0.02 Enforcement/Zero Tolerance | 1 | 0.04 % | Slope Not Level | 5 | 0.20 % |
| Breath Sample Statistics | | | Sequence Aborted | 7 | 0.28 % |
| Total Number of Breath Samples 4504 | | | Interferent Detect | 12 | 0.48 % |
| Average Breath Volume - All Breath Samples 1.731 Liters | | | Improper Sample | 15 | 0.61 % |
| # of Breath Samples with No Message Flag | 3564 | 79.1 % | Range Exceeded | 0 | 0.00 % |
| # of Breath Samples with Message Flag | 940 | 20.9 % | Ambient Fail | 11 | 0.44 % |
| Control Tests During Subject Tests | | | No 0.02 Agreement | 15 | 0.61 % |
| Total # of all Control Tests 4852 | | | Purge Fail | 10 | 0.40 % |
| Average of all Control Test Results 0.079 | | | Control Outside Tolerance | 34 | 1.37 % |
| # Control Tests within Acceptable Range | 4810 | 99.13 % | Temperature Regulation Test | 4 | 0.16 % |
| # Control Tests - Ctl Out Tolerance | 34 | 0.70 % | Analytical Stability Test | 0 | 0.00 % |
| # Control Tests - Interferent Detect | 2 | 0.04 % | EEPROM Checksum Test | 0 | 0.00 % |
| # Control Tests with RFI Detect | 6 | 0.12 % | Voltage/Current Test | 1 | 0.04 % |
| Air Blanks During Subject Tests | | | DSP Test | 1 | 0.04 % |
| Total # of All Air Blanks 14043 | | | Diagnostic Checks During Subject Tests | | |
| # of Air Blanks with No Message Flag | 13922 | 99.14 % | Total # of All Diagnostic Checks 4864 | | |
| # of Air Blanks with Message Flag | 121 | 0.86 % | # of Diagnostic Checks - OK 4858 99.88 % | | |
| | | | # of Diagnostic Checks - Fail 6 0.12 % | | |

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

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