



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, June 11, 2020
SUBJECT: Intoxilyzer 8000 Subject Tests Statistical Data Review Summary - April 2020

The following information is based on the review of the April 2020 subject tests electronic data:

| Breath Test Statistics | | | Alcohol Concentration Statistics | | |
|---|------|---------|---|------|---------|
| Total Number of Breath Tests: 1116 | | | From Breath Samples with No Message Flag | | |
| Type of Test | | | Average Breath Alcohol Concentration 0.134 | | |
| Driving Under the Influence | 1098 | 98.39 % | # of Breath Samples <0.08 g/210L | 463 | 29 % |
| System Check | 0 | 0.00 % | # of Breath Samples >=0.08 g/210L | 1142 | 71 % |
| Administrative | 3 | 0.27 % | # of Breath Samples >=0.15 g/210L | 781 | 49 % |
| Boating Under the Influence | 13 | 1.16 % | Messages (Total Number of Occurrences) | | |
| Court Ordered | 0 | 0.00 % | Volume Not Met | 88 | 7.89 % |
| Other | 0 | 0.00 % | Slope Not Met | 5 | 0.45 % |
| Probation/Parole | 2 | 0.18 % | No Sample Provided | 88 | 7.89 % |
| Commercial Motor Vehicle | 0 | 0.00 % | RFI Detect | 50 | 4.48 % |
| 0.02 Enforcement/Zero Tolerance | 0 | 0.00 % | Subject Test Refused | 218 | 19.53 % |
| Breath Sample Statistics | | | Slope Not Level | 4 | 0.36 % |
| Total Number of Breath Samples 2030 | | | Sequence Aborted | 5 | 0.45 % |
| Average Breath Volume - All Breath Samples 1.777 Liters | | | Interferent Detect | 8 | 0.72 % |
| # of Breath Samples with No Message Flag | 1605 | 79.1 % | Improper Sample | 2 | 0.18 % |
| # of Breath Samples with Message Flag | 425 | 20.9 % | Range Exceeded | 0 | 0.00 % |
| Control Tests During Subject Tests | | | Ambient Fail | 7 | 0.63 % |
| Total # of all Control Tests 2162 | | | No 0.02 Agreement | 2 | 0.18 % |
| Average of all Control Test Results 0.079 | | | Purge Fail | 7 | 0.63 % |
| # Control Tests within Acceptable Range | 2135 | 98.75 % | Control Outside Tolerance | 21 | 1.88 % |
| # Control Tests - Ctl Out Tolerance | 21 | 0.97 % | Temperature Regulation Test | 0 | 0.00 % |
| # Control Tests - Interferent Detect | 6 | 0.28 % | Analytical Stability Test | 1 | 0.09 % |
| # Control Tests with RFI Detect | 0 | 0.00 % | EEPROM Checksum Test | 0 | 0.00 % |
| Air Blanks During Subject Tests | | | Voltage/Current Test | 0 | 0.00 % |
| Total # of All Air Blanks 6303 | | | DSP Test | 0 | 0.00 % |
| # of Air Blanks with No Message Flag | 6254 | 99.22 % | Diagnostic Checks During Subject Tests | | |
| # of Air Blanks with Message Flag | 49 | 0.78 % | Total # of All Diagnostic Checks 2161 | | |
| | | | # of Diagnostic Checks - OK | 2160 | 99.95 % |
| | | | # of Diagnostic Checks - Fail | 1 | 0.05 % |

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