



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: Tuesday, January 5, 2021
SUBJECT: Intoxilyzer 8000 Subject Tests Statistical Data Review Summary - September 2020

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

| Breath Test Statistics | | | Alcohol Concentration Statistics | | |
|--|------|---------|---|-------|---------|
| Total Number of Breath Tests: | | | 2352 | | |
| Type of Test | | | From Breath Samples with No Message Flag | | |
| Driving Under the Influence | 2263 | 96.22 % | Average Breath Alcohol Concentration | 0.140 | |
| System Check | 10 | 0.43 % | # of Breath Samples <0.08 g/210L | 862 | 25 % |
| Administrative | 12 | 0.51 % | # of Breath Samples >/=0.08 g/210L | 2592 | 75 % |
| Boating Under the Influence | 43 | 1.83 % | # of Breath Samples >/=0.15 g/210L | 1775 | 51 % |
| Court Ordered | 14 | 0.60 % | Messages (Total Number of Occurrences) | | |
| Other | 6 | 0.26 % | Volume Not Met | 204 | 8.67 % |
| Probation/Parole | 2 | 0.09 % | Slope Not Met | 4 | 0.17 % |
| Commercial Motor Vehicle | 0 | 0.00 % | No Sample Provided | 160 | 6.80 % |
| 0.02 Enforcement/Zero Tolerance | 2 | 0.09 % | RFI Detect | 108 | 4.59 % |
| Breath Sample Statistics | | | Subject Test Refused | 422 | 17.94 % |
| Total Number of Breath Samples | | | Slope Not Level | 8 | 0.34 % |
| Average Breath Volume - All Breath Samples | | | Sequence Aborted | 12 | 0.51 % |
| # of Breath Samples with No Message Flag | 3454 | 80 % | Interferent Detect | 21 | 0.89 % |
| # of Breath Samples with Message Flag | 864 | 20.0 % | Improper Sample | 8 | 0.34 % |
| Control Tests During Subject Tests | | | Range Exceeded | 0 | 0.00 % |
| Total # of all Control Tests | | | Ambient Fail | 12 | 0.51 % |
| Average of all Control Test Results | | | No 0.02 Agreement | 14 | 0.60 % |
| # Control Tests within Acceptable Range | 4531 | 99.02 % | Purge Fail | 17 | 0.72 % |
| # Control Tests - Ctl Out Tolerance | 27 | 0.59 % | Control Outside Tolerance | 27 | 1.15 % |
| # Control Tests - Interferent Detect | 9 | 0.20 % | Temperature Regulation Test | 1 | 0.04 % |
| # Control Tests with RFI Detect | 9 | 0.20 % | Analytical Stability Test | 2 | 0.09 % |
| 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 | | | DSP Test | 2 | 0.09 % |
| # of Air Blanks with Message Flag | | | Diagnostic Checks During Subject Tests | | |
| | | | Total # of All Diagnostic Checks | | |
| | | | # of Diagnostic Checks - OK | | |
| | | | # of Diagnostic Checks - Fail | | |

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