

Alaska Scientific Crime Detection Laboratory

DataMaster Evaluation Form

Effective: 11/10/2021

Version: 2.0

Instrument #: 100377

Analyst(s): Derek Walter

Start Date: 07/11/22

Reason for instrument evaluation

Preventive maintenance due filter wheel errors, would not upload via modem line during check in

Visual Inspection

- | | |
|---|---|
| <input checked="" type="checkbox"/> Clean | <input checked="" type="checkbox"/> Replace missing screws |
| <input checked="" type="checkbox"/> Cermetex Box (modem) is secure | <input checked="" type="checkbox"/> Ensure modem cable present |
| <input checked="" type="checkbox"/> Double Check Valve secured to wall | <input checked="" type="checkbox"/> All tubing and connections secure |
| <input checked="" type="checkbox"/> O-ring inspection and ensure 2 replacement O-rings in bag | |

Troubleshooting/Repair

Source blown loose - tightened. Loaded 3.02 software (full version).
5 way valve feels smooth. Routed filter wires separately.
Wrapped flaking filter wire coating in electrical tape.

Attempted to replace Cermetex box - still would not upload. May need new modem board - none in stock. No further testing at this time. DMV 7/11/22

- VOC (attached) Not performed DMV 07/11/22 Verify software version
- VOC Internal Standard value $\leq 3.00\%$ Non-Drinking Subject Test (attached)
- Return to Factory Ready for Calibration
- Ready for Certification Proceed to Close Out
- Further Evaluation Needed

End Date: 07/11/22

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Approved by: Chemistry Supervisor