

# Alaska Scientific Crime Detection Laboratory

## DataMaster Evaluation Form

Issued: 05/15/2020  
Effective: 05/15/2020

Version: DMEF 2020 R0  
Status: Active

Instrument # 100382

Start Date: 05/07/21

Analysts: Dereck Walton / Carlie Bailey

Reason for instrument evaluation

Training

### Visual Inspection

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

### Troubleshooting/Repair

Instrument disassembled for training purposes. Reassembled and evaluation performed afterward.  
Black wires to the filter wheel have the outer material flaking/disintegrating.  
End of regulator appears to be dented. Unable to screw in a dry gas tank.  
Recommend instrument be returned to manufacture

- VOC (attached)
- Internal Standard value  $\leq 3.00\%$
- Verify software version

OWB 5/12/21  
Not performed.

- |  |  |
|--|--|
| <input checked="" type="checkbox"/> Return to Factory for Repair | <input type="checkbox"/> Ready for Calibration |
| <input type="checkbox"/> Ready for Certification                 | <input type="checkbox"/> Proceed to Close Out  |

End Date: 5/12/2021 JMW 05/12/21