

# Alaska Scientific Crime Detection Laboratory

## DataMaster Evaluation Form

Effective: 11/10/2021

Version: 2.0

Instrument #: 100360

Analyst(s): Carlie Haister

Start Date: 2/18/2022

### Reason for instrument evaluation

Internal standard errors & fatal system errors

### Visual Inspection

- |  |   |
|--|---|
| <input checked="" type="checkbox"/> Clean  | <input type="checkbox"/> Replace missing screws                       |
| <input 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 type="checkbox"/> O-ring inspection and ensure 2 replacement O-rings in bag |   |

### Troubleshooting/Repair

<sup>& DMT Host</sup>  
Last records on instrument are 10/26 VOCs (1 failed IS, 1 passing) & 10/31 breath records (1 failed IS, 2 passing).  
No record from 11/19/21 which 100360 2021.11.19 change  
In status documents IS error followed by fatal system error. Reloaded DMT software 3.02 onto instrument.  
Instrument has a "Communication Error" in bottom left. Burning smell coming from instrument.  
Replaced O-ring.

Instrument was unplugged & turned off due to burning smell

- |  |   |
|--|---|
| <input type="checkbox"/> VOC (attached)                            | <input type="checkbox"/> Verify software version              |
| <input type="checkbox"/> VOC Internal Standard value $\leq 3.00\%$ | <input type="checkbox"/> Non-Drinking Subject Test (attached) |
| <input type="checkbox"/> Return to Factory                         | <input type="checkbox"/> Ready for Calibration                |
| <input type="checkbox"/> Ready for Certification                   | <input type="checkbox"/> Proceed to Close Out                 |
| <input checked="" type="checkbox"/> Further Evaluation Needed      |   |

MLB  
6/27/2022

End Date: 6/27/2022

Page 1 of 1

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Approved by: Chemistry Supervisor