

Alaska Scientific Crime Detection Laboratory

Change in Instrument Status Form

Issued: 6/11/2014
Effective: 6/11/2014

Version: CIISF 2014 R0
Status: Active

Date: 8/10/15 Instrument Serial Number: 100343

Instrument Location: PETERSBURG

Supervisor Name and Agency: CAPTAIN JOHN HAMILTON, PETERSBURG POLICE DEPARTMENT

Describe the Status Change or Issue with the Instrument:

Static analysis error. COB 8/24/15

If instrument was placed in service or removed from service, fill out the appropriate sections below.

In Service Date/Time: _____

Out of Service Date/Time: 8/10/15 1000

For Use by SCDL

Additional Notes

See email for troubleshooting. COB 8/24/15

Email completed form to dps.scdl.toxicology@alaska.gov

For questions contact the Breath Alcohol Program at 907-269-5740

O'Bryant, Colleen S (DPS)

From: O'Bryant, Colleen S (DPS)
Sent: Monday, August 10, 2015 10:05 AM
To: John Hamilton
Subject: RE: problems with Petersburg Datamaster

I did some research and the "Static analysis error" is likely related to the 5 way valve. The act of static analysis is the testing the instrument does at the very end of the sample. It tests the last data point while the person was blowing and then compares it with the multiple values obtained from testing the last breath in the sample chamber. When these values don't match, you get the status message "Static analysis error".

There can be a number of causes, such as a subject continuing to blow into the sample chamber following the sample being accepted. This coupled with a faulty 5 way valve could be your issue. I won't be able to diagnose it in the field so we're going to send you a new one. You can take it out of service as of today, and I'll ask Nikki to mail you a new instrument.

Thanks for your patience and help with troubleshooting.
Colleen

From: John Hamilton [jhamilton@petersburgak.gov]
Sent: Monday, August 10, 2015 9:36 AM
To: O'Bryant, Colleen S (DPS)
Subject: RE: problems with Petersburg Datamaster

I just did a non-drinking subject test. It went fine. The static analysis error tests were done on 8/1/15 at about 2100 hours. There were several of them, at least two on each of two subjects. One was a .287 on the PBT and the other was a .348 or so. I did one of the Datamaster tests and the reading as he was giving his breath sample was consistent with the PBT result.

What now?

What's a 'static analysis error'?

I had planned to get this sorted out on Monday the 3rd but I had to take some time off and I'm just back to work now.

From: O'Bryant, Colleen S (DPS) [mailto:colleen.obryant@alaska.gov]
Sent: Monday, August 10, 2015 8:39 AM
To: John Hamilton <jhamilton@petersburgak.gov>
Subject: RE: problems with Petersburg Datamaster

John,
I was just able to successfully perform a VOC on your instrument. I also uploaded it and was unable to find any tests since 07/25/2015. Could you please perform a non-drinking subject test and let me know when its done and I'll try to upload again.
Colleen

From: Roth-Frey, Nicolette A (DPS)
Sent: Monday, August 10, 2015 7:43 AM
To: O'Bryant, Colleen S (DPS)
Subject: FW: problems with Petersburg Datamaster

From: John Hamilton [<mailto:jhamilton@petersburgak.gov>]

Sent: Monday, August 10, 2015 7:42 AM

To: Roth-Frey, Nicolette A (DPS)

Subject: problems with Petersburg Datamaster

Nikki,

Last weekend one of my guys had a high BAC arrestee trigger a 'static analysis error' message. It happened to him three times on two different drunks. I re-booted and tried again and got the same message. I confess this is something I don't remember being covered in training. Help?

Captain John Hamilton

Petersburg Police Department

(907) 772-3838 Cell (907)-518-0502 Fax...

jhamilton@petersburgak.gov

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