



Re: OESR 193050: Alliance 6th tester PM procedure for Temperature Control Module 2 (TCM 2) - Urgent 📎

Matt Brule to: HuaZhen Luo
Cc: Adam Townsend

13.02.2019 22:09

Hi HuaZhen,

Yes.....

I think your suggestion is absolutely the best way to go. It will get Flex up and running quickly, and will align the PM processes here in Milford with those in Singapore.

Given that you are simply changing the switch position mechanically and not changing wiring or functionality, and working with a device used for PMs, no further validation is necessary, other than verifying that it works.

Please let us know if we can be of assistance.

Thanks for your help straightening this out!

Matt

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HuaZhen Luo	Hi Matt, I checked all procedures onc...	02/12/2019 10:34:07 PM
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From: HuaZhen Luo/Waters
To: Matt Brule/Waters@WATTS Waters Sales
Cc: Adam Townsend/Waters@WATTS WATERS SALES
Date: 02/12/2019 10:34 PM
Subject: Re: OESR 193050: Alliance 6th tester PM procedure for Temperature Control Module 2 (TCM 2) - Urgent

Hi Matt,

I checked all procedures once again and found the procedure 735001271 used by Flex is asked to toggle switch to the opposite direction. That means the test box TE#81379 in Flex is different from the one in Milford.

So I'm thinking to ask Flex to replace their existing PM procedure 735001271 with Procedure 725002623 from you for TCM and 735004675 for TCM II.
And changing the direction of switch to match with the 2 procedures from you. So we can start to follow the new PM procedures for both TCM and TCM II.

Do you have any concern about this changing of switch direction? Is there any additional verification required for this changing to the test box?

The attached is the procedure used in Flex for the past years and I also list all 3

procedure requirement for switch as below, FYI.
[attachment "735001271 Rev.pdf" deleted by Matt Brule/Waters]

Procedure used by Flex 735001271

5.3. Set all simulator(s) toggle switches as follow

1 UP

2 DOWN

3 DOWN

Procedure 735002623 for TCM

4.2. Set all the simulator toggle switches on

Procedure 735004675 for TCM II

1.3. Configure Switches on TE82905 for each channel (1, 2, and 3); as follows Switch 2 UP, and Switch 3 UP as shown below.

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Matt Brule	HuaZhen, Does Flex use the TE82905 test...	12.02.2019 22:15:46
HuaZhen Luo	Hi Matt/Adam, Thank you for updating...	02/11/2019 08:23:42 PM
Matt Brule	ECR 9227773 is approved and should becom...	07.02.2019 04:32:37
HuaZhen Luo	Hi Matt, Please send it to us ASAP on...	01/31/2019 03:48:48 AM
Matt Brule	Hi, I am aware of some of the fundamenta...	31.01.2019 01:38:57
HuaZhen Luo	Hi Matt, We tried to use the TSP73500...	01/30/2019 05:19:07 AM

2 attachments

[attachment "WAT03800 TCM have LED in front.jpg" deleted by Matt Brule/Waters]

[attachment "TCM2 does not have LED in front.jpg" deleted by Matt Brule/Waters]

TCM2 – no LED to verify in front.

WAT038000 TCM have LED to verify and able to follow procedure.

TSP 735002623 able to used in WAT038000

Refer to below:

2.1. Plug TCM into a 120 volt AC outlet

Flex Power incoming is 220 VAC

3. FRONT PANEL LED ILLUMINATION

No LED to verify in TCM 2

4. TEMPERATURE ACCURACY TEST

Not able to execute as TE82905 not able to detect on TCM 2 but able to detect easily on WAT038000

The rest of the procedure is not able to execute.

One TCM 2 (A18TC2481G) is not in used as its due PM/Cal 29 Jan 2019. 4 ports of 6th tester is down now, the 4 ports will be due on 6 Feb .

Pls. review and advise.

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Matt Brule	Hi Desmond, Sorry about the delay! I th...	29.01.2019 21:58:15
Desmond Ann	Hi Mark and Matt, Do you have any upd...	01/28/2019 09:11:36 PM
Mark Jussaume	Hi Matt, I'm not sure when I'll be ab...	21.01.2019 10:12:01 PM
HuaZhen Luo	Hi Mark, Is there any update about th...	01/20/2019 10:01:20 PM
Chau Nguyen	Hi Mike and Mark, Please review the atta...	11.01.2019 22:19:49
HuaZhen Luo	Hi Mark, Thank you for taking up this...	01/11/2019 02:23:05 AM
Mark Jussaume	Hi HuaZhen, We will look into this.	11.01.2019 00:13:32
HuaZhen Luo	Hi Mike, The 6th Alliance final teste...	01/10/2019 03:59:06 AM

