

HuaZhen Luo

From: HuaZhen Luo <HuaZhen_Luo@waters.com>
Sent: Friday, 15 May, 2020 12:21
To: Joel Mamalateo Deduyo; Mohammad Shamsul Bin Afandi
Subject: Re: Claim For the month of Apr 20

Hi Shamsul,

Thanks for update.
Please go ahead with claim.

Thanks
HuaZhen

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From: Mohammad Shamsul Bin Afandi <mohammadshamsul.binafandi@flex.com>
Sent: Thursday, May 14, 2020 6:16:27 PM
To: HuaZhen Luo <HuaZhen_Luo@waters.com>; Joel Mamalateo Deduyo <joelmamalateo.deduyo@flex.com>
Subject: [EXT] RE: Claim For the month of Apr 20

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Hi Hua Zhen,

For your perusal and approval.
Please refer to below updated table for the claims.

1	03-Apr-20	MASK,M1,2998	WAT-405002546	WAT-405002546	1	\$ 2.6600	For 2998 Box build flowcell noise tester s/n
2	03-Apr-20	WEDGE, REFERENCE DIODE	WAT-405002559	WAT-405002559	1	\$ 6.9000	For 2998 Box build flowcell noise tester s/n
3	03-Apr-20	PLATE,BEAMSPLITTER LC/	WAT-402000201	WAT-402000201	1	\$ 22.0000	For 2998 Box build flowcell noise tester s/n

4	09-Apr-20	PHOTODIODE S-1227-66 BQ MATCH	WAT-WAT081100	WAT-WAT081100	1	\$ 45.6500	For 2489 box build 186248900 s/n: D1387E7 calibration.
5	14-Apr-20	ASSY, HB DEUTERIUM LAMP	WAT-402000351	WAT-402000351	6	\$ 153.6260	For 2489 box build 186248900 s/n: H1387E7 C1387E135M,H1387E727A due to lamp exp
6	15-Apr-20	INLINE FILTER ASSY	WAT-WAT035190	WAT-WAT035190	5	\$ 13.4000	For CHM s/n: L97CHM711M, MX6JM7867M part of maintenance.
7	16-Apr-20	FAN ASSY, 4.62 IN, 85 CFM	WATH-WAT270361	WATH-WAT270361	2	\$ 14.9500	For TE82526 and TE82526-2 due to fail to ho
8	24-Apr-20	PWR SUP DC 80W MULTI-OUTPUT RM	WATH-279003674	WATH-279003675	1	\$ 40.0000	For 2489 box build (to test spare bench) 186 failure.
9	24-Apr-20	POWER SUPPLY, HB LAMP HAMAMATS	WAT-279001105	WAT-279001105	2	\$ 101.4600	For TUV box build p/n: 186005028 @ BSM / failure and K09UPT215A due to filter initializ
10	28-Apr-20	MIRROR, 3X ELLIPSOIDAL DT	WAT-402000170	WAT-402000170	1	\$ 92.0000	For TUV box build p/n: 186005028 @ BSM / on the side of the body.
11	28-Apr-20	HOLDER WINDOW	WAT-WAT081336	WAT-WAT081336	1	\$ 2.2190	For TUV box build p/n: 186005028 @ BSM / found on mirror surface.
12	28-Apr-20	WINDOW, OPTICS COVER	WAT-WAT080244	WAT-WAT080244	1	\$ 4.2000	For TUV box build p/n: 186005028 @ BSM / found on mirror surface.
13	28-Apr-20	FILTER, 2ND ORDER	WAT-WAT081066	WAT-WAT081066	1	\$ 3.5200	For TUV box build p/n: 186005028 @ BSM / found on mirror surface.
14	28-Apr-20	FILTER, ERBIUM CALIBRATION	WAT-WAT081065	WAT-WAT081065	1	\$ 32.9600	For TUV box build p/n: 186005028 @ BSM / found on mirror surface.
15	28-Apr-20	FILTER WHEEL, 2487	WAT-415000231	WAT-415000231	1	\$ 1.0200	For TUV box build p/n: 186005028 @ BSM / holder.(wear and tear)
16	28-Apr-20	GRATING, 1800 G/MM,W HOLDER	WAT-WAT081308	WAT-WAT081308	1	\$ 58.0000	For TUV box build p/n: 186005028 @ BSM / dirt found on mirror surface.

Below table is the claim of items **for GES units** send over for Preventive Maintenance.

1	24-Apr-20	CHECK VALVE CARTRIDGE	WAT-289000144	WAT-289000144	16	\$ 10.9500	For GES unit s/n: C1525P993A and C09251
2	24-Apr-20	WASHER,.375X.250X.005,TFE	WAT-WAT026572	WAT-WAT026572	8	\$ 0.0800	For GES unit s/n: C1525P993A and C09251
3	24-Apr-20	ASSY PLUNGER	WAT-WAT207069	WAT-WAT207069	8	\$ 15.1400	For GES unit s/n: C1525P993A and C09251

Thank You,
Shamsul

From: HuaZhen Luo [mailto:HuaZhen_Luo@waters.com]

Sent: Thursday, May 14, 2020 4:45 PM

To: Joel Mamalateo Deduyo; Mohammad Shamsul Bin Afandi
Subject: RE: Claim For the month of Apr 20

Hi Joel/Shamsul,

Understand that you're working hard to maintain the tester/equipment in a good condition.

Please update the parts list table, correct these highlight in yellow and send for claim.

Thank you

Luo HuaZhen
Senior Test Engineer

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From: Joel Mamalateo Deduyo <joelmamalateo.deduyo@flex.com>

Sent: Thursday, 14 May, 2020 10:19

To: HuaZhen Luo <HuaZhen_Luo@waters.com>; Mohammad Shamsul Bin Afandi <mohammadshamsul.binafandi@flex.com>

Subject: [EXT] RE: Claim For the month of Apr 20

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Hi Hua Zhen,

Understand you concern but if you look on those serial numbers that Sham replaced the parts, are all 10 years old series, the cheapest way is to replace the degraded parts over time due to corrosion, due unable to pass testing. Looking on samples submitted, are all exhibit corrosion over time. It's a good thing he do not replace the whole optic bench.

As for CPU, I will return back to Production as you don't need it already

Best Regards,



Joel Mamalateo Deduyo

Senior Test Engineer

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web: flex.com

From: HuaZhen Luo <HuaZhen_Luo@waters.com>

Sent: Wednesday, May 13, 2020 7:01 PM

To: Mohammad Shamsul Bin Afandi <mohammadshamsul.binafandi@flex.com>

Cc: Joel Mamalateo Deduyo <joelmamalateo.deduyo@flex.com>

Subject: RE: Claim For the month of Apr 20

Hi Shamsul,

Since item 8 CPU board wasn't be used, can you please return for production use and remove it from this list?

Also the number of items claimed is too many, it gives impression like we're simply replacing all related items instead of accurately troubleshooting/repair. People will have doubts on troubleshooting skill?

Hi Joel, have you verified those replaced items are faulty condition?

Please kindly let me know if you have different view on this list.

Thank you, Shamsul for your hardworking.

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Senior Test Engineer

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From: Mohammad Shamsul Bin Afandi <mohammadshamsul.binafandi@flex.com>
Sent: Wednesday, 13 May, 2020 10:07
To: HuaZhen Luo <HuaZhen_Luo@waters.com>
Cc: Joel Mamalateo Deduyo <joelmamalateo.deduyo@flex.com>
Subject: [EXT] Claim For the month of Apr 20

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Hi Hua Zhen,

For your perusal and approval.

Attached are the pictures of wear and tear parts.(Item 1 to 3 and 11 to 17)

Below table are the items need to be claim for **In house tester**.

S/N	Date	DESCRIPTION	Part no	BAAN No.	Quantity	Cost (US\$)/EA	
1	03-Apr-20	MASK,M1,2998	WAT-405002546	WAT-405002546	1	\$ 2.6600	For 2998 Box build flowcell noise tester s/n
2	03-Apr-20	WEDGE, REFERENCE DIODE	WAT-405002559	WAT-405002559	1	\$ 6.9000	For 2998 Box build flowcell noise tester s/n
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8	24-Apr-20	ASSY, PCB, 3VCCPU AHCT	WATH-210000520	WATH-210000520	1	\$ 72.9900	For WPPL verification purpose.(Attn Hua Zh
9	24-Apr-20	PWR SUP DC 80W MULTI-OUTPUT RM	WATH-279003674	WATH-279003675	1	\$ 40.0000	For 2489 box build (to test spare bench) 186 failure.
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Thank You,
Shamsul

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