



PREVENTIVE MAINTENANCE MASTER LIST

MONTH / YEAR: FEBRUARY 2019

[1] S/No	[2] WORK ORDER ID	[3] EQUIPMEN T ID	[4] DESCRIPTION	[5] EQUIPMEN T S/N. (IF ANY)	[6] CUSTOMER EQUIPMEN T ID (IF ANY)	[7] EQUIPMEN T OWNER	[8] DEPARTMEN T	[9] FLOOR	[10] LOCATION	[11] PRODUC T	[12] PM PROCEDUR E	[13] INITIA L DATE	[14] PM FREQUENCY								[15] REMARK	
													DAILY	WEEKLY	BIWEEKLY	MONTHLY	BIMONTHLY	QUARTERLY	HALF YEARLY	YEARLY		OTHERS
													(Y / N)	(Y / N)	(Y / N)	(Y / N)	(Y / N)	(Y / N)	(Y / N)	(Y / N)		
1	WO 00366	PM 00400	2690 Pump Tray Tester	TE 82526-1	TE 82526-1	Joel Mamalateo Deduyo	Test Engineering	5th	Alliance Pump Tray Station	Waters	WAT-RW-SKI00306	24-Feb-10	N	N	N	N	N	N	Y	N	NA	NA.
2	WO 00367	PM 00401	2690 Pump Tray Tester	TE 82526-4	TE 82526-4	Joel Mamalateo Deduyo	Test Engineering	5th	Alliance Pump Tray Station	Waters	WAT-RW-SKI00306	24-Feb-10	N	N	N	N	N	N	Y	N	NA	WO 01077 Date: 21/02/13. WO 02176 Date 11/05/15.
3	WO 00368	PM 00402	2690 Pump Tray Tester	TE 82526	TE 82526	Joel Mamalateo Deduyo	Test Engineering	5th	Alliance Pump Tray Station	Waters	WAT-RW-SKI00306	24-Feb-10	N	N	N	N	N	N	Y	N	NA	NA.
4	WO 00369	PM 00403	2690 Keypad LCD Tester	TE 82546	TE 82546	Joel Mamalateo Deduyo	Test Engineering	5th	Alliance Front Panel Station	Waters	WAT-RW-SKI00281	26-Feb-10	N	N	N	N	N	N	Y	N	NA	NA.
5	WO 00370	PM 00404	2690 Carousel Carrier Drive Alignment Station	TE 82520	TE 82520	Joel Mamalateo Deduyo	Test Engineering	5th	Alliance Carousel Station	Waters	WAT-RW-SKI00297	26-Feb-10	N	N	N	N	N	N	Y	N	NA	WO 01597 Date: 20/01/14 Equipment Return Customer.
6	WO 00371	PM 00405	Fluidics Tray Tester (Vacuum Degasser)	TE 82523-3	TE 82523-3	Joel Mamalateo Deduyo	Test Engineering	5th	Alliance Heater Cooler Station	Waters	WAT-RW-SKI00304/308	26-Feb-11	N	N	N	N	N	N	Y	N	NA	NA.
7	WO 00372	PM 00406	2690/2790 Syringe Drive Tester	TE 82656	TE 82656	Joel Mamalateo Deduyo	Test Engineering	5th	Alliance Car Plate Syringe Drive Station	Waters	WAT-RW-SKI02048	26-Feb-10	N	N	N	N	N	N	Y	N	NA	WO 03516 Date: 17/05/17.
8	WO 00373	PM 00407	0 Ring Body Leak tester	TE 82626	TE 82626	Joel Mamalateo Deduyo	Test Engineering	5th	Alliance Car Plate Syringe Drive Station	Waters	SKW-RW-SKR00035	26-Feb-11	N	N	N	N	N	N	Y	N	NA	WO 02758 Date: 15/03/16. WO 03910 Date 19/12/17 Resume Preventive Maintenance.
9	WO 00374	PM 00408	In Line Degasser	MX6CM8215R	NA	Joel Mamalateo Deduyo	Test Engineering	5th	Alliance Pump Tray Station	Waters	SKW-RW-SKR00035	26-Feb-11	N	N	N	N	N	N	Y	N	NA	WO 01571 Date 03/12/13. WO 02177 Date 11/05/15.
10	WO 00375	PM 00409	In Line Degasser	L02DG2367M	NA	Joel Mamalateo Deduyo	Test Engineering	5th	Alliance Pump Tray Station	Waters	SKW-RW-SKR00035	26-Feb-11	N	N	N	N	N	N	Y	N	NA	NA.
11	WO 00376	PM 00410	In Line Degasser	M05DG2685M	NA	Joel Mamalateo Deduyo	Test Engineering	5th	Injector Station	Waters	SKW-RW-SKR00035	26-Feb-11	N	N	N	N	N	N	Y	N	NA	WO 01294 Date 26/06/13.
12	WO 00377	PM 00411	In Line Degasser	F10DG2565M	NA	Joel Mamalateo Deduyo	Test Engineering	5th	Alliance Pump Tray Station	Waters	SKW-RW-SKR00035	26-Feb-11	N	N	N	N	N	N	Y	N	NA	NA.
13	WO 00378	PM 00412	In Line Degasser	M05DG2691M	NA	Joel Mamalateo Deduyo	Test Engineering	5th	Alliance HPMV Station	Waters	SKW-RW-SKR00035	26-Feb-11	N	N	N	N	N	N	Y	N	NA	NA.
14	WO 00379	PM 00413	In Line Degasser	F10DG2553M	NA	Joel Mamalateo Deduyo	Test Engineering	5th	Alliance Injector Station	Waters	SKW-RW-SKR00035	26-Feb-11	N	N	N	N	N	N	Y	N	NA	WO 01077 Date: 21/02/13. WO 02759 Date 15/03/16.
15	WO 00380	PM 00414	In Line Degasser	M05DG2694M	NA	Joel Mamalateo Deduyo	Test Engineering	5th	1525/1515/515 Pump Station	Waters	SKW-RW-SKR00035	26-Feb-11	N	N	N	N	N	N	Y	N	NA	NA.
16	WO 00381	PM 00415	In Line Degasser	H04DG2941M	NA	Joel Mamalateo Deduyo	Test Engineering	5th	1525/1515/515 Pump Station	Waters	SKW-RW-SKR00035	26-Feb-11	N	N	N	N	N	N	Y	N	NA	NA.
17	WO 00382	PM 00476	In Line Degasser	F09DG2292M	NA	Joel Mamalateo Deduyo	Test Engineering	5th	BSM/QSM Station	Waters	SKW-RW-SKR00035	26-Feb-11	N	N	N	N	N	N	Y	N	NA	NA.
18	WO 00383	PM 00477	In Line Degasser	M09DG2458M	NA	Joel Mamalateo Deduyo	Test Engineering	5th	BSM/QSM Station	Waters	SKW-RW-SKR00035	26-Feb-11	N	N	N	N	N	N	Y	N	NA	NA.

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83	WO 03176	PM 02448	Alliance Final Tester 1 CPU	C12L32255W	NA	Joel Mamalateo Deduyo	Engineering	5th	Production Floor	Waters	SKW-RW-SKR00035	06-Dec-16	N	N	N	N	N	N	N	Y	NA	NA
84	WO 03201	PM 02464	SQT / ORT Station	NA	NA	Joel Mamalateo Deduyo	Engineering	5th	Production Area	Waters	SKW-RW-SKR00035	23-Dec-16	N	N	N	N	N	N	N	Y	NA	NA
85	WO 03508	PM 02618	Prime / Purge Module	NA	TE82733-1	Joel Mamalateo Deduyo	Engineering	5th	Production eAlliance	Waters	WAT-RW-SKI04071	03-May-17	N	N	N	N	N	N	N	Y	NA	NA
86	WO 03509	PM 02619	Prime / Purge Module	NA	TE82733-2	Joel Mamalateo Deduyo	Engineering	5th	Production eAlliance	Waters	WAT-RW-SKI04071	03-May-17	N	N	N	N	N	N	N	Y	NA	NA
87	WO 03510	PM 02620	Prime / Purge Module	NA	TE82733-3	Joel Mamalateo Deduyo	Engineering	5th	Production eAlliance	Waters	WAT-RW-SKI04071	03-May-17	N	N	N	N	N	N	N	Y	NA	NA
88	WO 03511	PM 02621	Prime / Purge Module	NA	TE82733-4	Joel Mamalateo Deduyo	Engineering	5th	Production eAlliance	Waters	WAT-RW-SKI04071	03-May-17	N	N	N	N	N	N	N	Y	NA	NA
89	WO 03512	PM 02622	Prime / Purge Module	NA	TE82733-5	Joel Mamalateo Deduyo	Engineering	5th	Production eAlliance	Waters	WAT-RW-SKI04071	03-May-17	N	N	N	N	N	N	N	Y	NA	NA
90	WO 03513	PM 02623	Prime / Purge Module	NA	TE82733-6	Joel Mamalateo Deduyo	Engineering	5th	Production eAlliance	Waters	WAT-RW-SKI04071	03-May-17	N	N	N	N	N	N	N	Y	NA	NA
91	WO 00157	PM 00321	TUV Shunt 289002450 (TM007MD)	WT-F186	TM007MD	Joel Mamalateo Deduyo	Engineering	5th	Detectors Final Test	Waters	SKW-ENG3009	25-Feb-11	N	N	N	N	N	N	Y	N	NA	WO 01877 Date 07/10/14. WO 03545 Date: 19/06/17. WO 03864 Date: 13/12/17 Inactive-Remove from line (RE/123/17).
92	WO 00162	PM 00326	TUV Shunt 289002450 (TM014MD)	WT-F191	TM014MD	Joel Mamalateo Deduyo	Engineering	5th	Detectors Final Test	Waters	SKW-ENG3009	25-Feb-11	N	N	N	N	N	N	Y	N	NA	WO 01877 Date 07/10/14. WO 03545 Date: 19/06/17. WO 03865 Date: 13/12/17 Inactive-Remove from line (RE/124/17).
93	WO 00167	PM 00331	PDA shunt 289002226 (PM026MD)	WT-F196	PM026MD	Joel Mamalateo Deduyo	Engineering	5th	Detectors Final Test	Waters	SKW-ENG3009	25-Feb-11	N	N	N	N	N	N	Y	N	NA	WO 01877 Date 07/10/14. WO 03545 Date: 19/06/17. WO 03962 Date: 22/02/18 Equipment return to Waters Customer.
94	WO 00169	PM 00333	PDA shunt 289002227 (#02)	WT-F199	NA	Joel Mamalateo Deduyo	Engineering	5th	Detectors Final Test	Waters	SKW-ENG3001-00	25-Feb-11	N	N	N	N	N	N	Y	N	NA	WO 01877 Date 07/10/14. WO 03545 Date: 19/06/17. WO 04568 Date 21/11/18 Change PM Procedure Number.
95	WO 00172	PM 00336	PDA shunt 289002226 (PF159MD)	WT-F222	PF159MD	Joel Mamalateo Deduyo	Engineering	5th	Detectors Final Test	Waters	SKW-ENG3009	25-Feb-11	N	N	N	N	N	N	Y	N	NA	WO 01877 Date 07/10/14. WO 03545 Date: 19/06/17. WO 03963 Date: 22/02/18. WO 04614 Date 09/01/19 Resume Preventive Maintenance.
96	WO 00173	PM 00337	PDA shunt 289002149 (#01)	WT-F223	NA	Joel Mamalateo Deduyo	Engineering	5th	Detectors Final Test	Waters	SKW-ENG3009	25-Feb-11	N	N	N	N	N	N	Y	N	NA	WO 01877 Date 07/10/14. WO 03545 Date: 19/06/17. WO 03964 Date: 22/02/18 Equipment return to Waters Customer.
97	WO 01732	PM 01479	TUV Shunt 289002450 (TF001MD)	WT-F246	TF001MD	Joel Mamalateo Deduyo	Engineering	5th	Detectors Final Test	Waters	SKW-ENG3009	10-Jul-14	N	N	N	N	N	N	Y	N	NA	WO 01879 Date 07/10/14. WO 03545 Date: 19/06/17. WO 03833 Date: 30/11/17 Inactive-Remove from line (RE/108/17).



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98	WO 01733	PM 01480	TUV Shunt 289002450 (TF002MD)	WT-F247	TF002MD	Joel Mamalateo Deduyo	Engineering	5th	Detectors Final Test	Waters	SKW-ENG3009	10-Jul-14	N	N	N	N	N	N	Y	N	NA	WO 01879 Date 07/10/14. WO 03545 Date: 19/06/17. WO 03834 Date: 30/11/17 Inactive-Remove from line (RE/109/17).
99	WO 01734	PM 01481	TUV Shunt 289002450 (TF003MD)	WT-F248	TF003MD	Joel Mamalateo Deduyo	Engineering	5th	Detectors Final Test	Waters	SKW-ENG3009	10-Jul-14	N	N	N	N	N	N	Y	N	NA	WO 01879 Date 07/10/14. WO 03545 Date: 19/06/17. WO 03835 Date: 30/11/17 Inactive-Remove from line (RE/110/17).
100	WO 01735	PM 01482	TUV Shunt 289002450 (TF006MD)	WT-F249	TF006MD	Joel Mamalateo Deduyo	Engineering	5th	Detectors Final Test	Waters	SKW-ENG3009	10-Jul-14	N	N	N	N	N	N	Y	N	NA	WO 01879 Date 07/10/14. WO 03545 Date: 19/06/17. WO 03836 Date: 30/11/17 Inactive-Remove from line (RE/111/17).
101	WO 01736	PM 01483	TUV Shunt 289002450 (TF007MD)	WT-F250	TF007MD	Joel Mamalateo Deduyo	Engineering	5th	Detectors Final Test	Waters	SKW-ENG3009	10-Jul-14	N	N	N	N	N	N	Y	N	NA	WO 01879 Date 07/10/14. WO 03545 Date: 19/06/17. WO 03837 Date: 30/11/17 Inactive-Remove from line (RE/112/17).
102	WO 01737	PM 01484	TUV Shunt 289002450 (TF008MD)	WT-F251	TF008MD	Joel Mamalateo Deduyo	Engineering	5th	Detectors Final Test	Waters	SKW-ENG3009	10-Jul-14	N	N	N	N	N	N	Y	N	NA	WO 01879 Date 07/10/14. WO 03545 Date: 19/06/17. WO 03838 Date: 30/11/17 Inactive-Remove from line (RE/113/17).
103	WO 01738	PM 01485	TUV Shunt 289002450 (TM001MD)	WT-F252	TM001MD	Joel Mamalateo Deduyo	Engineering	5th	Detectors Final Test	Waters	SKW-ENG3009	10-Jul-14	N	N	N	N	N	N	Y	N	NA	WO 01879 Date 07/10/14. WO 03545 Date: 19/06/17. WO 03839 Date: 30/11/17 Inactive-Remove from line (RE/114/17).
104	WO 01739	PM 01486	TUV Shunt 289002450 (TM008MD)	WT-F253	TM008MD	Joel Mamalateo Deduyo	Engineering	5th	Detectors Final Test	Waters	SKW-ENG3009	10-Jul-14	N	N	N	N	N	N	Y	N	NA	WO 01879 Date 07/10/14. WO 03545 Date: 19/06/17. WO 03840 Date: 30/11/17 Inactive-Remove from line (RE/115/17).
105	WO 01740	PM 01487	TUV Shunt 289002450 (TM009MD)	WT-F254	TM009MD	Joel Mamalateo Deduyo	Engineering	5th	Detectors Final Test	Waters	SKW-ENG3009	10-Jul-14	N	N	N	N	N	N	Y	N	NA	WO 01879 Date 07/10/14. WO 03545 Date: 19/06/17. WO 03841 Date: 30/11/17 Inactive-Remove from line (RE/116/17).
106	WO 01741	PM 01488	TUV Shunt 289002450 (TM010MD)	WT-F255	TM010MD	Joel Mamalateo Deduyo	Engineering	5th	Detectors Final Test	Waters	SKW-ENG3009	10-Jul-14	N	N	N	N	N	N	Y	N	NA	WO 01879 Date 07/10/14. WO 03545 Date: 19/06/17. WO 03842 Date: 30/11/17 Inactive-Remove from line (RE/117/17).
107	WO 01742	PM 01489	TUV Shunt 289002450 (TM011MD)	WT-F256	TM011MD	Joel Mamalateo Deduyo	Engineering	5th	Detectors Final Test	Waters	SKW-ENG3009	10-Jul-14	N	N	N	N	N	N	Y	N	NA	WO 01879 Date 07/10/14. WO 03545 Date: 19/06/17. WO 03843 Date: 30/11/17 Inactive-Remove from line (RE/118/17).
108	WO 01743	PM 01490	TUV Shunt 289002450 (TM012MD)	WT-F257	TM012MD	Joel Mamalateo Deduyo	Engineering	5th	Detectors Final Test	Waters	SKW-ENG3009	10-Jul-14	N	N	N	N	N	N	Y	N	NA	WO 01879 Date 07/10/14. WO 03545 Date: 19/06/17. WO 03844 Date: 30/11/17 Inactive-Remove from line (RE/119/17).
109	WO 01744	PM 01491	PDA shunt 289002226 (PF152MD)	WT-F258	PF152MD	Joel Mamalateo Deduyo	Engineering	5th	Detectors Final Test	Waters	SKW-ENG3009	10-Jul-14	N	N	N	N	N	N	Y	N	NA	WO 01879 Date 07/10/14. WO 03545 Date: 19/06/17. WO 03924 Date: 12/01/18 Equipment return to Waters Customer.
110	WO 01745	PM 01492	PDA shunt 289002226 (PF153MD)	WT-F259	PF153MD	Joel Mamalateo Deduyo	Engineering	5th	Detectors Final Test	Waters	SKW-ENG3009	10-Jul-14	N	N	N	N	N	N	Y	N	NA	WO 01879 Date 07/10/14. WO 03545 Date: 19/06/17. WO 03925 Date: 12/01/18. WO 04615 Date 09/01/19 Resume Preventive Maintenance.



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													(Y / N)	(Y / N)	(Y / N)	(Y / N)	(Y / N)	(Y / N)	(Y / N)	(Y / N)		
111	WO 01746	PM 01493	PDA shunt 289002226 (PF160MD)	WT-F260	PF160MD	Joel Mamalateo Deduyo	Engineering	5th	Detectors Final Test	Waters	SKW-ENG3009	10-Jul-14	N	N	N	N	N	N	Y	N	NA	WO 01879 Date 07/10/14. WO 03545 Date: 19/06/17. WO 03926 Date: 12/01/18 Equipment return to Waters Customer.
112	WO 01747	PM 01494	PDA shunt 289002226 (PF165MD)	WT-F261	PF165MD	Joel Mamalateo Deduyo	Engineering	5th	Detectors Final Test	Waters	SKW-ENG3009	10-Jul-14	N	N	N	N	N	N	Y	N	NA	WO 01879 Date 07/10/14. WO 03545 Date: 19/06/17. WO 03927 Date: 12/01/18 Equipment return to Waters Customer.
113	WO 01748	PM 01495	PDA shunt 289002226 (PM024MD)	WT-F262	PM024MD	Joel Mamalateo Deduyo	Engineering	5th	Detectors Final Test	Waters	SKW-ENG3009	10-Jul-14	N	N	N	N	N	N	Y	N	NA	WO 01879 Date 07/10/14. WO 03545 Date: 19/06/17. WO 03928 Date: 12/01/18 Equipment return to Waters Customer.
114	WO 01749	PM 01496	PDA shunt 289002226 (PM130MD)	WT-F263	PM130MD	Joel Mamalateo Deduyo	Engineering	5th	Detectors Final Test	Waters	SKW-ENG3009	10-Jul-14	N	N	N	N	N	N	Y	N	NA	WO 01879 Date 07/10/14. WO 03545 Date: 19/06/17. WO 03929 Date: 12/01/18 Equipment return to Waters Customer.
115	WO 01750	PM 01497	PDA shunt 289002226 (PM133MD)	WT-F264	PM133MD	Joel Mamalateo Deduyo	Engineering	5th	Detectors Final Test	Waters	SKW-ENG3009	10-Jul-14	N	N	N	N	N	N	Y	N	NA	WO 01879 Date 07/10/14. WO 03545 Date: 19/06/17. WO 03930 Date: 12/01/18 Equipment return to Waters Customer.
116	WO 01751	PM 01498	PDA shunt 289002226 (PM134MD)	WT-F265	PM134MD	Joel Mamalateo Deduyo	Engineering	5th	Detectors Final Test	Waters	SKW-ENG3009	10-Jul-14	N	N	N	N	N	N	Y	N	NA	WO 01879 Date 07/10/14. WO 03545 Date: 19/06/17. WO 03931 Date: 12/01/18 Equipment return to Waters Customer.
117	WO 01752	PM 01499	PDA shunt 289002227 (#01)	WT-F266	NA	Joel Mamalateo Deduyo	Engineering	5th	Detectors Final Test	Waters	SKW-ENG3009	10-Jul-14	N	N	N	N	N	N	Y	N	NA	WO 01879 Date 07/10/14. WO 03545 Date: 19/06/17. WO 03945 Date: 16/01/18 Equipment return to Waters Customer.
118	WO 01753	PM 01500	PDA shunt 289002149 (#02)	WT-F267	NA	Joel Mamalateo Deduyo	Engineering	5th	Detectors Final Test	Waters	SKW-ENG3001-00	10-Jul-14	N	N	N	N	N	N	Y	N	NA	WO 01879 Date 07/10/14. WO 03545 Date: 19/06/17. WO 04568 Date 21/11/18 Change PM Procedure Number.
119	WO 01754	PM 01501	Linearity shunt 289002219 (#02)	WT-F268	NA	Joel Mamalateo Deduyo	Engineering	5th	Detectors Final Test	Waters	SKW-ENG3001-00	10-Jul-14	N	N	N	N	N	N	Y	N	NA	WO 01879 Date 07/10/14. WO 03545 Date: 19/06/17. WO 04568 Date 21/11/18 Change PM Procedure Number.
120	WO 01755	PM 01502	Flow cell 289007555 (SFC0105)	WT-F269	SFC0105	Joel Mamalateo Deduyo	Engineering	5th	Detectors Final Test	Waters	SKW-ENG3009	10-Jul-14	N	N	N	N	N	N	Y	N	NA	WO 01879 Date 07/10/14. WO 03545 Date: 19/06/1. WO 03932 Date: 12/01/18 Equipment return to Waters Customer.
121	WO 01756	PM 01503	Flow cell 289007555 (SFC0109)	WT-F270	SFC0109	Joel Mamalateo Deduyo	Engineering	5th	Detectors Final Test	Waters	SKW-ENG3009	10-Jul-14	N	N	N	N	N	N	Y	N	NA	WO 01879 Date 07/10/14. WO 03545 Date: 19/06/17. WO 03933 Date: 12/01/18 Equipment return to Waters Customer.
122	WO 01757	PM 01504	Flow cell 289007555 (SFC0111)	WT-F271	SFC0111	Joel Mamalateo Deduyo	Engineering	5th	Detectors Final Test	Waters	SKW-ENG3009	10-Jul-14	N	N	N	N	N	N	Y	N	NA	WO 01879 Date 07/10/14. WO 03545 Date: 19/06/17. WO 03934 Date: 12/01/18 Equipment return to Waters Customer.
123	WO 01758	PM 01505	Flow cell 289007555 (SFC0113)	WT-F272	SFC0113	Joel Mamalateo Deduyo	Engineering	5th	Detectors Final Test	Waters	SKW-ENG3009	10-Jul-14	N	N	N	N	N	N	Y	N	NA	WO 01879 Date 07/10/14. WO 03545 Date: 19/06/17. WO 03935 Date: 12/01/18 Equipment return to Waters Customer.



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													DAILY	WEEKLY	BIWEEKLY	MONTHLY	BIMONTHLY	QUARTERLY	HALF YEARLY	YEARLY		OTHERS
													(Y / N)	(Y / N)	(Y / N)	(Y / N)	(Y / N)	(Y / N)	(Y / N)	(Y / N)		
124	WO 01759	PM 01506	Flow cell 289007555 (SFC0115)	WT-F273	SFC0115	Joel Mamalateo Deduyo	Engineering	5th	Detectors Final Test	Waters	SKW-ENG3009	10-Jul-14	N	N	N	N	N	N	Y	N	NA	WO 01879 Date 07/10/14. WO 03545 Date: 19/06/17. WO 03936 Date: 12/01/18 Equipment return to Waters Customer.
125	WO 01760	PM 01507	Flow cell 289007555 (SFC0116)	WT-F274	SFC0116	Joel Mamalateo Deduyo	Engineering	5th	Detectors Final Test	Waters	SKW-ENG3009	10-Jul-14	N	N	N	N	N	N	Y	N	NA	WO 01879 Date 07/10/14. WO 03545 Date: 19/06/17. WO 03937 Date: 12/01/18 Equipment return to Waters Customer.
126	WO 01761	PM 01508	PDA shunt 289002226 (PM157MD)	WT-F275	PM157MD	Joel Mamalateo Deduyo	Engineering	5th	Detectors Final Test	Waters	SKW-ENG3001-00	10-Jul-14	N	N	N	N	N	N	Y	N	NA	WO 01879 Date 07/10/14. WO 03545 Date: 19/06/17. WO 04568 Date 21/11/18 Change PM Procedure Number.
127	WO 01762	PM 01509	PDA shunt 289002226 (PM158MD)	WT-F276	PM158MD	Joel Mamalateo Deduyo	Engineering	5th	Detectors Final Test	Waters	SKW-ENG3009	10-Jul-14	N	N	N	N	N	N	Y	N	NA	WO 01879 Date 07/10/14. WO 03545 Date: 19/06/17. WO 03938 Date: 12/01/18 Equipment return to Waters Customer.
128	WO 01763	PM 01510	PDA shunt 289002226 (PM159MD)	WT-F277	PM159MD	Joel Mamalateo Deduyo	Engineering	5th	Detectors Final Test	Waters	SKW-ENG3009	10-Jul-14	N	N	N	N	N	N	Y	N	NA	WO 01879 Date 07/10/14. WO 03545 Date: 19/06/17. WO 03939 Date: 12/01/18 Equipment return to Waters Customer.
129	WO 01764	PM 01511	PDA shunt 289002226 (PM160MD)	WT-F278	PM160MD	Joel Mamalateo Deduyo	Engineering	5th	Detectors Final Test	Waters	SKW-ENG3009	10-Jul-14	N	N	N	N	N	N	Y	N	NA	WO 01879 Date 07/10/14. WO 03545 Date: 19/06/17. WO 03940 Date: 12/01/18 Equipment return to Waters Customer.
130	WO 01765	PM 01512	PDA shunt 289002226 (PM161MD)	WT-F279	PM161MD	Joel Mamalateo Deduyo	Engineering	5th	Detectors Final Test	Waters	SKW-ENG3009	10-Jul-14	N	N	N	N	N	N	Y	N	NA	WO 01879 Date 07/10/14. WO 03545 Date: 19/06/17. WO 03941 Date: 12/01/18 Equipment return to Waters Customer.
131	WO 01766	PM 01513	PDA shunt 289002226 (PM162MD)	WT-F280	PM162MD	Joel Mamalateo Deduyo	Engineering	5th	Detectors Final Test	Waters	SKW-ENG3009	10-Jul-14	N	N	N	N	N	N	Y	N	NA	WO 01879 Date 07/10/14. WO 03545 Date: 19/06/17. WO 03942 Date: 12/01/18 Equipment return to Waters Customer.
132	WO 01767	PM 01514	PDA shunt 289002226 (PM163MD)	WT-F281	PM163MD	Joel Mamalateo Deduyo	Engineering	5th	Detectors Final Test	Waters	SKW-ENG3009	10-Jul-14	N	N	N	N	N	N	Y	N	NA	WO 01879 Date 07/10/14. WO 03545 Date: 19/06/17. WO 03943 Date: 12/01/18 Equipment return to Waters Customer.
133	WO 02328	PM 01822	Assy, Analytical Flow Cell 2487/2489 (289007898)	WT-F293	NA	Joel Mamalateo Deduyo	Engineering	5th	Detectors Final Test	Waters	SKW-ENG3001-00	29-Sep-15	N	N	N	N	N	N	Y	N	NA	WO 03545 Date: 19/06/17. WO 04568 Date 21/11/18 Change PM Procedure Number.
134	WO 02329	PM 01823	Assy, Analytical Flow Cell 2487/2489 (289007898)	WT-F294	NA	Joel Mamalateo Deduyo	Engineering	5th	Detectors Final Test	Waters	SKW-ENG3001-00	29-Sep-15	N	N	N	N	N	N	Y	N	NA	WO 03545 Date: 19/06/17. WO 04568 Date 21/11/18 Change PM Procedure Number.
135	WO 02330	PM 01824	Assy, Analytical Flow Cell 2487/2489 (289007898)	WT-F295	NA	Joel Mamalateo Deduyo	Engineering	5th	Detectors Final Test	Waters	SKW-ENG3001-00	29-Sep-15	N	N	N	N	N	N	Y	N	NA	WO 03545 Date: 19/06/17. WO 04568 Date 21/11/18 Change PM Procedure Number.
136	WO 02331	PM 01825	Assy, Analytical Flow Cell 2487/2489 (289007898)	WT-F296	NA	Joel Mamalateo Deduyo	Engineering	5th	Detectors Final Test	Waters	SKW-ENG3001-00	29-Sep-15	N	N	N	N	N	N	Y	N	NA	WO 03545 Date: 19/06/17. WO 04568 Date 21/11/18 Change PM Procedure Number.
137	WO 02468	PM 01958	Linearity shunt 289002219 (#03)	WT-F292	NA	Joel Mamalateo Deduyo	Engineering	5th	Detectors Final Test	Waters	SKW-ENG3009	18-Nov-15	N	N	N	N	N	N	Y	N	NA	WO 03545 Date: 19/06/17. WO 04050 Date 16/05/18 Equipment return to Waters Customer.



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													(Y / N)	(Y / N)	(Y / N)	(Y / N)	(Y / N)	(Y / N)	(Y / N)	(Y / N)		
138	WO 02469	PM 01959	Assy, Analytical Flow Cell 2487/2489 (289007898)	WT-F307	NA	Joel Mamalateo Deduyo	Engineering	5th	Detectors Final Test	Waters	SKW-ENG3001-00	18-Nov-15	N	N	N	N	N	Y	N	NA	WO 03545 Date: 19/06/17. WO 04568 Date 21/11/18 Change PM Procedure Number.	
139	WO 02470	PM 01960	Assy, Analytical Flow Cell 2487/2489 (289007898)	WT-F308	NA	Joel Mamalateo Deduyo	Engineering	5th	Detectors Final Test	Waters	SKW-ENG3001-00	18-Nov-15	N	N	N	N	N	Y	N	NA	WO 03545 Date: 19/06/17. WO 04568 Date 21/11/18 Change PM Procedure Number.	
140	WO 02471	PM 01961	Assy, Analytical Flow Cell 2487/2489 (289007898)	WT-F309	NA	Joel Mamalateo Deduyo	Engineering	5th	Detectors Final Test	Waters	SKW-ENG3001-00	18-Nov-15	N	N	N	N	N	Y	N	NA	WO 03545 Date: 19/06/17. WO 04568 Date 21/11/18 Change PM Procedure Number.	
141	WO 02472	PM 01962	Assy, Analytical Flow Cell 2487/2489 (289007898)	WT-F310	NA	Joel Mamalateo Deduyo	Engineering	5th	Detectors Final Test	Waters	SKW-ENG3001-00	18-Nov-15	N	N	N	N	N	Y	N	NA	WO 03545 Date: 19/06/17. WO 04568 Date 21/11/18 Change PM Procedure Number.	
142	WO 02473	PM 01963	Assy, Analytical Flow Cell 2487/2489 (289007898)	WT-F311	NA	Joel Mamalateo Deduyo	Engineering	5th	Detectors Final Test	Waters	SKW-ENG3001-00	18-Nov-15	N	N	N	N	N	Y	N	NA	WO 03545 Date: 19/06/17. WO 04568 Date 21/11/18 Change PM Procedure Number.	
143	WO 02474	PM 01964	Assy, Analytical Flow Cell 2487/2489 (289007898)	WT-F312	NA	Joel Mamalateo Deduyo	Engineering	5th	Detectors Final Test	Waters	SKW-ENG3001-00	18-Nov-15	N	N	N	N	N	Y	N	NA	WO 03545 Date: 19/06/17. WO 04568 Date 21/11/18 Change PM Procedure Number.	
144	WO 02475	PM 01965	Assy, Analytical Flow Cell 2487/2489 (289007898)	WT-F313	NA	Joel Mamalateo Deduyo	Engineering	5th	Detectors Final Test	Waters	SKW-ENG3001-00	18-Nov-15	N	N	N	N	N	Y	N	NA	WO 03545 Date: 19/06/17. WO 04568 Date 21/11/18 Change PM Procedure Number.	
145	WO 02476	PM 01966	Assy, Analytical Flow Cell 2487/2489 (289007898)	WT-F314	NA	Joel Mamalateo Deduyo	Engineering	5th	Detectors Final Test	Waters	SKW-ENG3001-00	18-Nov-15	N	N	N	N	N	Y	N	NA	WO 03545 Date: 19/06/17. WO 04568 Date 21/11/18 Change PM Procedure Number.	
146	WO 02854	PM 02185	TUV Shunt 289002450 (TM109MD)	WAT-F323	TM109MD	Joel Mamalateo Deduyo	Engineering	5th	Detectors Final Test	Waters	SKW-ENG3009	13-Jun-16	N	N	N	N	N	Y	N	NA	WO 03545 Date: 19/06/17. WO 03866 Date: 13/12/17 Inactive-Remove from line (RE/125/17).	
147	WO 02855	PM 02186	TUV Shunt 289002450 (TM112MD)	WAT-F326	TM112MD	Joel Mamalateo Deduyo	Engineering	5th	Detectors Final Test	Waters	SKW-ENG3009	13-Jun-16	N	N	N	N	N	Y	N	NA	WO 03545 Date: 19/06/17. WO 03867 Date: 13/12/17 Inactive-Remove from line (RE/126/17).	
148	WO 02856	PM 02187	TUV Shunt 289002450 (TM114MD)	WAT-F328	TM114MD	Joel Mamalateo Deduyo	Engineering	5th	Detectors Final Test	Waters	SKW-ENG3009	13-Jun-16	N	N	N	N	N	Y	N	NA	WO 03545 Date: 19/06/17. WO 03868 Date: 13/12/17 Inactive-Remove from line (RE/127/17).	
149	WO 03151	PM 02432	TUV Shunt 289002450 (TM110MD)	WAT-F324	TM110MD	Joel Mamalateo Deduyo	Engineering	5th	Detectors Final Test	Waters	SKW-ENG3009	28-Nov-16	N	N	N	N	N	Y	N	NA	WO 03545 Date: 19/06/17. WO 03845 Date: 30/11/17. WO 04616 Date 09/01/19 Resume Preventive Maintenance.	
150	WO 03633	PM 02683	Aperture Assembly CPU	K07L32122W	TE82868-2	Joel Mamalateo Deduyo	Engineering	5th	Cleanroom	Waters	SKW-RW-SKR00035	18 Aug 17	N	N	N	N	N	N	Y	NA	NA	
151	WO 03634	PM 02684	PDA Rough Alignment CPU	L07L32070W	TE82880-2	Joel Mamalateo Deduyo	Engineering	5th	Cleanroom	Waters	SKW-RW-SKR00035	18 Aug 17	N	N	N	N	N	N	Y	NA	NA	
152	WO 03635	PM 02685	PDA Fine Alignment CPU	D08L32121W / C08BLM058C	TE82881-2	Joel Mamalateo Deduyo	Engineering	5th	Cleanroom	Waters	SKW-RW-SKR00035	18 Aug 17	N	N	N	N	N	N	Y	NA	NA	
153	WO 03636	PM 02686	2998 Flowcell Assembly CPU	K07L32024W/ 240907024C	TE82916-2	Joel Mamalateo Deduyo	Engineering	5th	Cleanroom	Waters	SKW-RW-SKR00035	18 Aug 17	N	N	N	N	N	N	Y	NA	NA	
154	WO 03637	PM 02687	2998 Rough Alignment CPU	B08L32068W	TE82917-1	Joel Mamalateo Deduyo	Engineering	5th	Cleanroom	Waters	SKW-RW-SKR00035	18 Aug 17	N	N	N	N	N	N	Y	NA	NA	



PREVENTIVE MAINTENANCE MASTER LIST

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													DAILY	WEEKLY	BIWEEKLY	MONTHLY	BIMONTHLY	QUARTERLY	HALF YEARLY	YEARLY		OTHERS
													(Y / N)	(Y / N)	(Y / N)	(Y / N)	(Y / N)	(Y / N)	(Y / N)	(Y / N)		
155	WO 03638	PM 02688	2998 Fine Alignment CPU	B08L32065W	TE82918-2	Joel Mamalateo Deduyo	Engineering	5th	Cleanroom	Waters	SKW-RW-SKR00035	18 Aug 17	N	N	N	N	N	N	Y	NA	NA	
156	WO 03639	PM 02689	PDA Assembly CPU	J06L32014W / G06BLM650C	TE82951-1	Joel Mamalateo Deduyo	Engineering	5th	Cleanroom	Waters	SKW-RW-SKR00035	18 Aug 17	N	N	N	N	N	N	Y	NA	NA	
157	WO 03640	PM 02690	2998 Flowcell Tester CPU	B08L32248W/ A08BLM491C	TE82973-1	Joel Mamalateo Deduyo	Engineering	5th	Cleanroom	Waters	SKW-RW-SKR00035	18 Aug 17	N	N	N	N	N	N	Y	NA	NA	
158	WO 03641	PM 02691	TUV Shunt 289002450 (TF004MD)	NA	TF004MD	Joel Mamalateo Deduyo	Engineering	5th	Detector Final Test	Waters	WAT-RW-SKI03034	21 Aug 17	N	N	N	N	N	N	Y	NA	WO 03869 Date: 13/12/17 Inactive-Remove from line (RE/128/17).	
159	WO 03642	PM 02692	TUV Shunt 289002450 (TM107MD)	NA	TM107MD	Joel Mamalateo Deduyo	Engineering	5th	Detector Final Test	Waters	WAT-RW-SKI03034	21 Aug 17	N	N	N	N	N	N	Y	NA	WO 03870 Date: 13/12/17 Inactive-Remove from line (RE/129/17).	
160	WO 03643	PM 02693	TUV Shunt 289002450 (TM108MD)	NA	TM108MD	Joel Mamalateo Deduyo	Engineering	5th	Detector Final Test	Waters	WAT-RW-SKI03034	21 Aug 17	N	N	N	N	N	N	Y	NA	WO 03846 Date: 30/11/17 WO 04617 Date 09/01/19 Resume Preventive Maintenance.	
161	WO 03644	PM 02694	TUV Shunt 289002450 (TM111MD)	NA	TM111MD	Joel Mamalateo Deduyo	Engineering	5th	Detector Final Test	Waters	WAT-RW-SKI03034	21 Aug 17	N	N	N	N	N	N	Y	NA	WO 03847 Date: 30/11/17 WO 04618 Date 09/01/19 Resume Preventive Maintenance.	
162	WO 03645	PM 02695	TUV Shunt 289002450 (TM113MD)	NA	TM113MD	Joel Mamalateo Deduyo	Engineering	5th	Detector Final Test	Waters	WAT-RW-SKI03034	21 Aug 17	N	N	N	N	N	N	Y	NA	WO 03871 Date: 13/12/17 Inactive-Remove from line (RE/130/17).	
163	WO 03646	PM 02696	TUV Shunt 289002450 (TM115MD)	NA	TM115MD	Joel Mamalateo Deduyo	Engineering	5th	Detector Final Test	Waters	WAT-RW-SKI03034	21 Aug 17	N	N	N	N	N	N	Y	NA	WO 03872 Date: 13/12/17 Inactive-Remove from line (RE/131/17).	
164	WO 03647	PM 02697	TUV Shunt 289002450 (TM116MD)	NA	TM116MD	Joel Mamalateo Deduyo	Engineering	5th	Detector Final Test	Waters	WAT-RW-SKI03034	21 Aug 17	N	N	N	N	N	N	Y	NA	WO 03873 Date: 13/12/17 WO 04619 Date 09/01/19 Resume Preventive Maintenance.	
165	WO 03648	PM 02698	Flow cell 289007555 (SFC0452)	NA	SFC0452	Joel Mamalateo Deduyo	Engineering	5th	Detector Final Test / Dry Cabinet	Waters	SKW-ENG3001-00	21 Aug 17	N	N	N	N	N	Y	N	NA	WO 04568 Date 21/11/18 Change PM Procedure Number.	
166	WO 03649	PM 02699	Flow cell 289007555 (SFC0454)	NA	SFC0454	Joel Mamalateo Deduyo	Engineering	5th	Detector Final Test / Dry Cabinet	Waters	SKW-ENG3001-00	21 Aug 17	N	N	N	N	N	N	Y	N	NA	WO 04568 Date 21/11/18 Change PM Procedure Number.
167	WO 03650	PM 02700	Flow cell 289007555 (SFC0455)	NA	SFC0455	Joel Mamalateo Deduyo	Engineering	5th	Detector Final Test / Dry Cabinet	Waters	SKW-ENG3001-00	21 Aug 17	N	N	N	N	N	N	Y	N	NA	WO 04568 Date 21/11/18 Change PM Procedure Number.
168	WO 03651	PM 02701	Flow cell 289007555 (SFC0463)	NA	SFC0463	Joel Mamalateo Deduyo	Engineering	5th	Detector Final Test / Dry Cabinet	Waters	SKW-ENG3009	21 Aug 17	N	N	N	N	N	N	Y	N	NA	WO 03944 Date: 12/01/18 Equipment return to Waters Customer.
169	WO 03652	PM 02702	PDA shunt 289002149 (Large 1)	NA	NA	Joel Mamalateo Deduyo	Engineering	5th	Detector Final Test / Dry Cabinet	Waters	SKW-ENG3009	21 Aug 17	N	N	N	N	N	N	Y	N	NA	WO 03965 Date: 22/02/18 Equipment return to Waters Customer.
170	WO 03653	PM 02703	PDA shunt 289002149 (Large 2)	NA	NA	Joel Mamalateo Deduyo	Engineering	5th	Detector Final Test / Dry Cabinet	Waters	SKW-ENG3009	21 Aug 17	N	N	N	N	N	N	Y	N	NA	WO 03966 Date: 22/02/18 Equipment return to Waters Customer.
171	WO 03654	PM 02704	PDA shunt 289002227 (Small 1)	NA	NA	Joel Mamalateo Deduyo	Engineering	5th	Detector Final Test / Dry Cabinet	Waters	SKW-ENG3009	21 Aug 17	N	N	N	N	N	N	Y	N	NA	WO 03967 Date: 22/02/18 Equipment return to Waters Customer.



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