



SIP REPORT

Equipment Name	Manufacturing and Filtration Skid for Injectable Suspension of Parenteral Manufacturing Area (Block - E)
Cycle Name	Sterilization In Place (SIP)
Notes	SIP CheckingTrial
Equipment Code	PMB138
Cycle Started By	HP.local/man1
Progressive No.	133
Start Date & Time	17/02/17 15:28:12
End Date & Time	17/02/17 16:05:05
Print Interval	30 Secs

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SET PARAMETERS

Cycle Detail	Value	Unit
PRESSURE LEAK TEST		
Leak Test Pressure	2.00	bar
Stabilization Time	60	secs
Pressurization Hold Time	1	mins
Acceptable Leakage	0.11	bar
Release Pressure	0.20	bar

STEAM PURGING		
Steam Purging Temperature	75.00	°C
Steam Purging Time	60	secs

INITIAL STEAM PULSING		
Initial Heating Temp. 1	100.00	°C
Initial Heating Temp. 2	105.00	°C
Initial Heating Temp. 3	110.00	°C
Initial Heating Temp. 4	115.00	°C
Initial Heating Temp. 5	118.00	°C
Initial Heating Pressure Rel.	0.25	bar
Heating Pulse	5	No's

Cycle Detail	Value	Unit
STERILIZATION CYCLE		
Min Sterilization Temp.	121.10	°C
Sterilization Control Temp.	123.00	°C
Sterilization Hold Time	2	mins
Sterilization Low Pressure	1.00	bar
Sterilization Fail Temp.	120.90	°C
Overshoot Temperature	128.00	°C
Sterilization High Pressure	3.00	bar

DRYING CYCLE		
Hot Air Temperature	120.00	°C
Hot Air Drying Time	1	mins
Cooling End Temperature	105.00	°C
Drying Low Pressure	1.00	bar
Drying High Pressure	2.00	bar

POSITIVE PURGE CYCLE		
Purge Pressure	1.00	bar
Gas Selection	CA	Type

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TAGS	LOCATION
Pressure Sensors (bar)	
PS-02	N2 FLTR-2 Inlet Line Pressure
PS-09	Product Transfer Line Pressure-Tank 1
PS-12	Product Transfer Line Pressure-Tank 2
PS-15	Product Transfer Line Pressure-Tank 3
PS-16	Tank Pressure- Tank 4
PS-17	Gas FLTR-15 Pressure-Tank 5
PS-18	Recirculation Line Pressure - Tank 4
PS-19	Product FLTR-13 Inlet Line Pressure-Tank 3 to Tank 6
PS-20	Product FLTR-14 Inlet Line Pressure-Tank 2 to Tank 6
PS-21	Product FLTR-16 Inlet Line Pressure Tank 1 to Tank 5
PS-22	Tank Pressure- Tank 5
PS-23	Recirculation Line Pressure - Tank 5
PS-24	Gas FLTR-17 Pressure- Tank 5
PS-25	Tank Pressure- Tank 11
PS-26	Recirculation Line Pressure- Tank 11
PS-27	Gas FLTR-18 Pressure- Tank 11
PS-32	Tank Pressure- Tank 6
PS-33	Gas FLTR-22 Pressure- Tank 6
PS-34	Recirculation Line Pressure- Tank 6
PS-35	2L Hopper Pressure- Above Tank 6
PS-37	Product FLTR-23 Inlet Line Pressure - Tank 6 to Tank 7
PS-38	Tank Pressure - Tank 7
PS-39	Gas Filter Pressure - Tank 7
PS-40	Recirculation Line Pressure - Tank 7

TAGS	LOCATION
Temperature Sensors (°C)	
TS-01	N2 FLTR-1 Outlet Line Temperature
TS-02	CA FLTR-3 Outlet Line Temperature
TS-03	S&T Heat Exchanger Out Temperature
TS-09	Gas Filter Temperature- Tank 4
TS-10	Gas FCO Temperature- Tank 4
TS-11	Tank Temperature- Tank 4
TS-12	Product FLTR-13 Outlet Line Temp- Tank 3 to Tank 6
TS-13	Product FLTR-14 Outlet Line Temp- Tank 2 to Tank 6
TS-14	Recirculation Line Temperature- Tank 4
TS-15	Pump Casing SIPD- Tank 4
TS-16	Product FLTR-13 Inlet Line Temp- Tank 3 to Tank 6
TS-17	Product FLTR-14 Inlet Line Temp Tank 2 to Tank 6
TS-18	SVCO Temperature Tank 4
TS-19	Product FLTR-12 Inlet Line Temp - Tank 10 to Tank 4
TS-20	Product FLTR-16 Inlet Line Temp - Tank 1 to Tank 5
TS-21	Product FLTR-16 Outlet Line Temp - Tank 1 to Tank5
TS-22	Gas Filter Temperature - Tank 5
TS-23	Tank Temperature - Tank 5
TS-24	SVCO Temperature -Tank 5
TS-25	Recirculation Line Temperature - Tank 5
TS-26	Pump Casing SIPD - Tank 5
TS-27	Gas FCO Temperature - Tank 5
TS-28	Gas Filter Temperature -Tank 11
TS-29	Tank Temperature - Tank 11

TAGS	LOCATION
Temperature Sensors (°C)	
TS-30	Pump Casing SIPD - Tank 11
TS-31	Recirculation Line Temperature - Tank 11
TS-32	Gas FCO Temperature - Tank 11
TS-35	2L Hopper FCO Temperature above Tank-6
TS-36	Gas FCO Temperature - Tank 6
TS-37	Gas Filter Temperature - Tank 6
TS-38	Tank Temperature - Tank 6
TS-39	Recirculation Line Temperature - Tank 6
TS-40	Pump Casing SIPD - Tank 6
TS-41	Gas Inlet Temperature - Tank 7
TS-42	Tank Temperature - Tank 7
TS-43	Recirculation Line Temperature - Tank 7
TS-44	Pump Casing SIPD - Tank 7
TS-45	Gas FCO Temperature - Tank 7
TS-46	SVCO Temperature- Tank 6

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TIME HH:MM:SS	PS02	PS09	PS12	PS15	PS16	PS17	TS01	TS02	TS03	TS09	TS10	TS11	TS12	TS13	TS14	TS15	CYCLE STATUS	STEP STATUS
	PS18	PS19	PS20	PS21	PS22	PS23	TS16	TS17	TS18	TS19	TS20	TS21	TS23	TS24	TS25	TS26		
	PS24	PS25	PS26	PS27	PS32	PS33	TS27	TS28	TS29	TS30	TS31	TS32	TS35	TS36	TS38	TS39		
	PS34	PS35	PS37	PS38	PS39	PS40	TS40	TS41	TS42	TS43	TS44	TS45	TS46	TS37	TS22	-		
15:28:12	1.45	1.33	1.33	1.13	0.36	0.53	28.71	30.40	29.52	32.00	34.20	47.02	27.80	29.40	30.62	27.80	PRESSURE LEAK TEST	PRESSURISE
	0.96	1.16	1.32	1.35	-0.05	-0.18	27.56	28.11	26.82	31.17	29.76	29.59	52.70	27.32	28.40	27.49		
	-0.29	-0.09	-0.17	-0.28	-0.08	-0.16	33.98	30.48	53.03	27.90	27.56	34.08	28.78	31.60	46.64	28.47		
	-0.26	-0.09	-0.22	-0.20	-0.16	-0.03	26.80	33.46	42.70	26.46	24.36	27.96	26.11	31.67	28.85	-		
15:28:42	1.64	1.56	1.54	1.52	1.50	1.53	29.81	31.22	31.91	32.41	33.22	47.90	31.36	32.86	46.04	27.87	PRESSURE LEAK TEST	PRESSURISE
	1.52	1.55	1.52	1.56	1.50	1.51	31.19	32.17	26.82	31.55	33.98	33.82	52.65	27.37	37.30	27.59		
	1.51	1.52	1.57	1.52	1.53	1.56	32.89	30.83	53.25	28.02	30.95	33.67	28.85	29.38	47.21	35.85		
	1.48	1.52	1.55	1.51	1.54	1.51	26.92	28.78	43.28	29.66	24.41	28.42	26.18	32.22	29.23	-		
15:29:12	1.81	1.78	1.77	1.74	1.72	1.75	30.09	31.22	32.77	32.34	32.27	48.76	30.93	32.48	46.02	27.87	PRESSURE LEAK TEST	PRESSURISE
	1.74	1.77	1.74	1.78	1.73	1.73	31.53	31.96	26.82	31.43	33.82	33.98	52.91	27.37	38.50	27.59		
	1.73	1.74	1.79	1.74	1.75	1.78	32.27	30.79	53.80	27.97	30.98	32.81	28.85	28.21	48.07	36.68		
	1.70	1.74	1.77	1.74	1.78	1.74	26.87	27.02	45.07	30.16	24.39	28.39	26.13	32.15	29.19	-		
15:29:42	1.81	1.78	1.76	1.74	1.72	1.75	30.31	31.24	33.24	32.19	31.62	48.88	30.43	31.79	44.51	27.85	PRESSURE LEAK TEST	PRESSURISE
	1.74	1.77	1.74	1.78	1.73	1.73	31.38	32.24	26.82	31.33	33.51	33.94	52.72	27.37	39.43	27.54		
	1.73	1.74	1.79	1.74	1.75	1.78	31.81	30.71	53.80	27.94	30.69	32.15	28.83	27.52	48.02	36.44		
	1.70	1.74	1.77	1.74	1.78	1.74	26.85	26.06	45.84	30.90	24.39	28.27	26.13	32.03	29.09	-		
15:30:12	1.80	1.77	1.76	1.73	1.71	1.74	30.45	31.26	33.41	32.07	31.38	48.57	30.33	31.24	43.34	27.80	PRESSURE LEAK TEST	PRESSURISE
	1.74	1.76	1.73	1.77	1.72	1.72	31.07	32.38	26.78	31.24	33.34	34.06	52.29	27.37	40.38	27.54		
	1.72	1.74	1.78	1.73	1.74	1.77	31.45	30.62	53.49	27.92	30.48	31.64	28.80	27.18	47.62	36.18		
	1.69	1.73	1.76	1.74	1.77	1.73	26.78	25.48	45.71	31.36	24.36	28.19	26.13	31.91	29.02	-		
15:30:42	2.01	2.07	2.05	2.03	2.01	2.04	30.69	31.41	33.01	32.03	33.58	48.21	30.28	31.38	41.07	27.68	PRESSURE LEAK TEST	STABILIZE
	2.03	2.05	2.03	2.07	2.02	2.02	30.90	32.10	26.75	31.22	33.05	34.08	51.82	27.30	39.40	27.42		
	2.02	2.03	2.08	2.03	2.04	2.07	31.74	30.62	53.15	27.80	30.33	32.86	28.78	28.11	47.23	34.08		
	1.99	2.03	2.06	2.03	2.06	2.02	26.70	27.18	45.32	30.38	24.39	28.18	26.11	31.86	29.02	-		

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	PS18	PS19	PS20	PS21	PS22	PS23	TS16	TS17	TS18	TS19	TS20	TS21	TS23	TS24	TS25	TS26		
	PS24	PS25	PS26	PS27	PS32	PS33	TS27	TS28	TS29	TS30	TS31	TS32	TS35	TS36	TS38	TS39		
	PS34	PS35	PS37	PS38	PS39	PS40	TS40	TS41	TS42	TS43	TS44	TS45	TS46	TS37	TS22	-		
15:31:12	1.99	2.05	2.03	2.00	1.99	2.02	30.48	31.38	32.24	31.96	35.61	47.95	29.64	31.07	39.90	27.68	PRESSURE LEAK TEST	STABILIZE
	2.01	2.03	2.00	2.04	1.99	2.00	30.48	31.45	26.75	31.14	32.65	33.53	51.60	27.30	38.83	27.42		
	2.00	2.01	2.05	2.01	2.01	2.04	31.98	30.57	52.96	27.80	30.19	34.56	28.78	29.14	46.99	32.67		
	1.97	2.01	2.03	2.01	2.04	2.00	26.70	28.24	45.11	29.54	24.39	28.07	26.08	31.79	28.97	-		
15:31:42	1.97	2.03	2.01	1.98	1.97	2.00	30.26	31.38	31.64	31.86	36.92	47.71	29.33	30.86	39.02	27.66	PRESSURE LEAK TEST	PRESSURE HOLD
	1.99	2.01	1.99	2.02	1.98	1.98	30.19	30.86	26.75	31.12	32.29	33.01	51.43	27.30	38.64	27.40		
	1.98	1.99	2.04	1.99	1.99	2.03	32.17	30.52	52.80	27.80	30.12	35.54	28.76	29.85	46.78	31.96		
	1.95	1.99	2.02	1.99	2.02	1.98	26.68	29.34	44.89	29.11	24.34	28.03	26.08	31.72	28.92	-		
15:32:12	1.95	2.01	1.99	1.97	1.95	1.98	30.09	31.38	31.19	31.79	37.73	47.50	29.11	30.76	38.35	27.66	PRESSURE LEAK TEST	PRESSURE HOLD
	1.98	1.99	1.97	2.01	1.96	1.97	29.97	30.52	26.80	31.05	32.00	32.65	51.29	27.30	38.54	27.40		
	1.96	1.97	2.02	1.97	1.98	2.01	32.29	30.48	52.63	27.80	30.07	36.18	28.76	30.33	46.61	31.50		
	1.93	1.97	2.00	1.97	2.00	1.97	26.66	30.16	44.65	28.85	24.34	27.96	26.08	31.64	28.88	-		
15:32:42	0.32	0.37	0.35	0.34	0.33	0.35	29.76	31.10	30.83	31.79	38.16	47.26	29.95	30.76	36.59	31.64	PRESSURE LEAK TEST	RELEASE PRESSU RE
	0.35	0.36	0.34	0.37	0.33	0.34	31.10	31.14	27.37	31.07	32.36	34.01	51.10	28.26	38.88	31.76		
	0.33	0.35	0.39	0.34	0.35	0.38	35.75	31.57	52.46	30.24	31.74	39.67	27.75	31.88	46.42	32.12		
	0.30	0.34	0.37	0.35	0.38	0.33	27.75	28.29	44.38	30.50	27.28	27.35	26.44	31.31	27.85	-		
15:33:12	0.33	0.06	0.08	0.06	-0.01	0.02	104.02	112.66	111.26	31.96	37.04	46.52	29.59	30.48	36.06	31.96	STEAM PURGING	STEAM PURGING HEATING ON
	0.00	0.03	0.01	0.04	0.00	-0.01	49.45	76.64	27.35	32.48	32.17	33.63	50.24	28.09	38.42	31.36		
	0.00	0.02	0.06	0.01	0.02	0.04	35.87	31.62	51.89	30.55	31.26	39.47	28.37	30.69	45.66	31.79		
	-0.03	0.01	0.04	0.01	0.04	0.00	27.71	28.11	43.31	30.79	28.02	27.51	26.44	31.12	27.92	-		
15:33:42	0.39	0.16	0.17	0.16	0.01	0.03	108.25	114.81	114.24	70.56	41.46	46.09	99.80	99.65	39.69	33.67	STEAM PURGING	STEAM PURGING HEATING ON
	0.03	0.10	0.07	0.08	0.01	0.02	101.18	101.04	27.44	71.58	100.47	94.33	49.41	28.04	38.07	31.26		
	0.02	0.03	0.05	0.03	0.03	0.04	36.56	64.49	51.32	31.79	31.19	41.43	28.52	81.27	44.85	34.82		
	-0.03	0.02	0.05	0.02	0.04	0.01	27.56	99.68	42.36	31.29	28.06	99.95	26.42	64.33	99.89	-		

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	PS18	PS19	PS20	PS21	PS22	PS23	TS16	TS17	TS18	TS19	TS20	TS21	TS23	TS24	TS25	TS26		
	PS24	PS25	PS26	PS27	PS32	PS33	TS27	TS28	TS29	TS30	TS31	TS32	TS35	TS36	TS38	TS39		
	PS34	PS35	PS37	PS38	PS39	PS40	TS40	TS41	TS42	TS43	TS44	TS45	TS46	TS37	TS22	-		
15:34:12	0.33	0.16	0.16	0.15	0.00	0.02	106.10	112.02	111.71	96.93	48.00	49.36	100.54	100.78	100.13	98.01	STEAM PURGING	STEAM PURGING HEATING ON
	0.03	0.10	0.08	0.09	0.01	0.01	101.52	101.47	28.45	95.38	101.02	100.47	49.84	28.30	38.40	87.50		
	0.01	0.02	0.05	0.01	0.02	0.05	44.56	96.81	52.17	99.34	31.02	51.08	30.05	100.11	50.00	54.37		
	-0.02	0.01	0.03	0.02	0.04	0.01	29.04	100.39	43.40	41.10	54.37	100.52	26.68	96.69	100.35	-		
15:34:42	0.34	0.17	0.17	0.16	0.01	0.03	106.36	112.31	112.00	98.56	60.22	56.95	100.75	101.04	100.32	99.89	STEAM PURGING	STEAM PURGING HEATING ON
	0.04	0.12	0.10	0.11	0.01	0.02	101.80	101.78	33.05	98.29	101.52	100.92	59.05	28.49	89.34	99.77		
	0.01	0.03	0.06	0.02	0.03	0.06	51.08	100.16	54.54	99.89	98.75	47.42	39.71	100.18	68.26	64.78		
	-0.01	0.02	0.04	0.02	0.04	0.01	30.00	100.37	56.91	42.24	98.99	100.51	28.02	100.47	100.42	-		
15:35:12	0.39	0.22	0.22	0.21	0.07	0.09	107.13	113.02	112.62	101.88	101.61	66.12	101.83	102.11	101.64	101.11	STEAM PURGING	STEAM PURGING HEATING ON
	0.09	0.17	0.15	0.16	0.05	0.08	102.64	102.62	78.77	100.44	102.54	101.95	70.51	29.42	101.52	101.04		
	0.07	0.08	0.12	0.08	0.07	0.11	101.54	101.42	58.36	101.09	101.37	101.47	89.22	101.37	80.53	81.61		
	0.04	0.07	0.09	0.06	0.09	0.06	34.27	101.44	69.49	101.56	100.94	101.60	32.77	101.80	101.56	-		
15:35:42	0.42	0.26	0.25	0.24	0.10	0.12	107.96	113.67	113.41	102.76	102.78	74.40	102.85	103.07	102.42	102.16	STEAM PURGING	STEAM PURGING HEATING ON
	0.12	0.21	0.18	0.20	0.08	0.11	103.76	103.69	89.03	101.99	103.67	103.04	80.53	45.59	102.38	102.07		
	0.10	0.10	0.15	0.11	0.10	0.14	102.42	102.26	66.19	101.99	102.28	102.38	101.85	102.16	88.44	91.78		
	0.06	0.10	0.12	0.08	0.11	0.09	66.86	102.13	79.37	102.38	101.95	102.30	76.64	102.66	102.35	-		
15:36:12	0.19	0.15	0.14	0.12	0.08	0.10	105.93	109.01	110.66	102.69	102.21	80.75	102.59	102.90	102.47	102.19	STEAM PURGING	STEAM PURGING TIMER ON
	0.10	0.13	0.11	0.13	0.07	0.09	103.71	103.83	91.47	102.64	103.19	102.81	88.63	92.11	101.76	102.26		
	0.08	0.09	0.14	0.09	0.09	0.13	102.47	102.23	77.19	102.26	102.11	102.40	102.33	102.33	93.93	92.45		
	0.05	0.09	0.11	0.08	0.11	0.07	100.32	102.64	86.72	102.14	102.07	102.67	97.39	102.66	102.47	-		
15:36:42	0.19	0.17	0.16	0.14	0.10	0.13	103.19	107.08	108.20	99.03	91.71	84.16	102.02	102.16	90.15	97.03	STEAM PURGING	STEAM PURGING TIMER ON
	0.12	0.15	0.13	0.15	0.09	0.11	102.19	102.23	87.70	102.64	102.11	102.04	93.59	74.85	102.04	99.82		
	0.11	0.11	0.16	0.12	0.11	0.15	102.35	99.13	82.71	98.46	101.90	101.61	100.97	102.26	96.86	87.98		
	0.07	0.11	0.13	0.08	0.11	0.07	90.85	101.74	91.24	101.47	98.08	95.72	92.49	102.64	102.38	-		

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	PS18	PS19	PS20	PS21	PS22	PS23	TS16	TS17	TS18	TS19	TS20	TS21	TS23	TS24	TS25	TS26		
	PS24	PS25	PS26	PS27	PS32	PS33	TS27	TS28	TS29	TS30	TS31	TS32	TS35	TS36	TS38	TS39		
	PS34	PS35	PS37	PS38	PS39	PS40	TS40	TS41	TS42	TS43	TS44	TS45	TS46	TS37	TS22	-		
15:37:12	0.45	0.30	0.30	0.28	0.17	0.20	106.46	112.76	111.97	102.28	95.29	84.78	103.90	104.10	103.57	98.01	INITIAL STEAM PULSING	PULSING CYCLE HEATING
	0.20	0.27	0.24	0.26	0.16	0.19	104.14	104.26	82.47	104.48	104.17	103.81	96.00	70.41	103.88	103.38		
	0.18	0.18	0.23	0.18	0.18	0.22	104.05	101.88	84.50	98.51	103.71	99.54	98.72	103.98	98.53	96.98		
	0.14	0.18	0.20	0.17	0.20	0.18	84.31	103.92	95.58	104.00	103.02	104.04	85.69	104.31	104.07	-		
15:37:42	0.36	0.37	0.35	0.35	0.31	0.34	110.99	114.84	115.15	107.60	107.48	87.98	107.41	107.58	107.37	106.65	INITIAL STEAM PULSING	PULSING CYCLE HEATING
	0.34	0.38	0.36	0.37	0.31	0.33	107.91	107.82	95.00	107.70	107.87	107.39	99.08	102.42	107.27	106.74		
	0.32	0.32	0.37	0.33	0.33	0.37	107.39	107.27	88.41	106.65	107.13	107.25	107.03	107.39	101.30	107.13		
	0.29	0.33	0.35	0.33	0.36	0.33	106.79	107.44	99.72	107.70	106.91	107.62	104.17	107.65	107.48	-		
15:38:12	0.68	0.60	0.59	0.58	0.49	0.53	113.81	116.91	117.15	111.45	111.40	95.57	111.28	111.45	111.28	110.61	INITIAL STEAM PULSING	PULSING CYCLE HEATING
	0.52	0.58	0.56	0.57	0.50	0.52	111.52	111.61	103.04	111.11	111.57	111.07	103.64	107.72	109.85	110.73		
	0.51	0.50	0.56	0.51	0.52	0.56	111.28	111.18	95.02	110.71	111.11	111.23	111.07	111.28	105.79	103.69		
	0.48	0.51	0.54	0.51	0.53	0.51	110.49	111.50	104.11	111.57	111.02	111.61	109.18	111.54	111.35	-		
15:38:42	0.84	0.79	0.78	0.76	0.69	0.73	116.89	119.30	119.75	115.34	115.31	102.42	115.05	115.20	115.10	114.57	INITIAL STEAM PULSING	PULSING CYCLE HEATING
	0.72	0.77	0.75	0.76	0.70	0.71	115.15	115.22	110.54	114.22	115.27	114.89	107.94	111.76	112.40	114.55		
	0.71	0.70	0.76	0.72	0.72	0.76	115.17	115.08	99.85	111.78	114.17	115.12	114.91	115.15	110.04	112.78		
	0.67	0.71	0.74	0.71	0.73	0.71	114.74	115.41	108.21	115.43	114.84	115.51	113.38	115.43	115.17	-		
15:39:12	0.33	0.38	0.36	0.34	0.33	0.37	109.97	109.06	109.66	109.06	107.37	106.17	108.11	109.18	107.22	109.23	INITIAL STEAM PULSING	PULSING CYCLE PRESSURE RELEASE
	0.35	0.38	0.36	0.38	0.34	0.35	110.35	110.04	104.29	108.92	110.02	108.54	110.44	107.06	109.28	109.20		
	0.34	0.35	0.40	0.36	0.36	0.39	108.89	109.20	102.16	109.37	103.69	103.78	109.37	108.54	112.19	106.84		
	0.31	0.34	0.37	0.36	0.38	0.34	107.22	109.33	110.36	108.70	108.89	109.08	106.00	109.28	108.65	-		
15:39:42	0.62	0.48	0.47	0.46	0.34	0.39	108.94	115.51	114.36	107.17	106.77	106.46	106.43	106.70	107.01	104.64	INITIAL STEAM PULSING	PULSING CYCLE HEATING
	0.38	0.45	0.42	0.44	0.36	0.37	106.74	106.96	100.37	106.53	106.91	105.86	109.44	102.14	106.41	104.43		
	0.36	0.36	0.41	0.37	0.37	0.41	106.96	106.91	101.09	104.38	104.55	105.69	106.48	107.06	111.88	103.24		
	0.32	0.35	0.38	0.36	0.39	0.36	104.07	106.96	108.36	107.13	104.88	107.02	102.23	107.34	107.10	-		

Start Date & Time	17/02/17 15:28:12	SIP REPORT	Cycle Name	Sterilization In Place (SIP)
Equipment Code	PMB138		Progressive No	133

TIME HH:MM:SS	PS02	PS09	PS12	PS15	PS16	PS17	TS01	TS02	TS03	TS09	TS10	TS11	TS12	TS13	TS14	TS15	CYCLE STATUS	STEP STATUS
	PS18	PS19	PS20	PS21	PS22	PS23	TS16	TS17	TS18	TS19	TS20	TS21	TS23	TS24	TS25	TS26		
	PS24	PS25	PS26	PS27	PS32	PS33	TS27	TS28	TS29	TS30	TS31	TS32	TS35	TS36	TS38	TS39		
	PS34	PS35	PS37	PS38	PS39	PS40	TS40	TS41	TS42	TS43	TS44	TS45	TS46	TS37	TS22	-		
15:40:12	0.81	0.72	0.72	0.70	0.61	0.66	115.10	119.13	118.85	113.48	113.41	107.22	113.02	112.98	113.17	112.45	INITIAL STEAM PULSING	PULSING CYCLE HEATING
	0.65	0.71	0.68	0.70	0.63	0.64	113.09	113.24	110.11	112.14	113.26	112.81	109.66	110.09	111.57	112.28		
	0.63	0.63	0.68	0.64	0.64	0.68	113.29	113.02	101.85	112.50	112.71	113.17	112.90	113.21	111.45	112.93		
	0.59	0.62	0.66	0.63	0.66	0.63	112.62	113.29	108.75	113.48	112.62	113.42	111.81	113.57	113.26	-		
15:40:42	0.69	0.74	0.73	0.70	0.70	0.75	117.37	116.89	118.27	116.44	115.91	110.59	116.10	116.77	115.98	116.48	INITIAL STEAM PULSING	PULSING CYCLE PRESSURE RELEAS E
	0.74	0.77	0.75	0.76	0.73	0.74	116.84	116.91	114.89	115.65	116.72	116.75	112.35	115.22	114.60	116.41		
	0.73	0.73	0.79	0.75	0.75	0.78	116.41	116.25	105.79	116.48	116.32	116.63	116.60	116.22	113.83	115.12		
	0.69	0.72	0.76	0.74	0.77	0.73	116.27	116.81	111.98	116.77	116.58	116.87	115.82	116.82	116.46	-		
15:41:12	0.38	0.43	0.41	0.38	0.37	0.42	111.54	109.54	110.13	110.49	109.06	111.09	109.18	109.92	108.32	108.44	INITIAL STEAM PULSING	PULSING CYCLE PRESSURE RELEAS E
	0.40	0.43	0.40	0.42	0.39	0.39	110.90	110.35	105.48	110.11	110.35	109.73	113.14	109.25	111.38	109.78		
	0.39	0.40	0.45	0.40	0.40	0.44	109.68	110.11	107.17	109.94	104.67	105.67	109.85	109.59	113.41	107.44		
	0.35	0.38	0.42	0.41	0.43	0.39	108.56	109.88	112.75	109.82	109.59	109.95	108.46	110.16	109.44	-		
15:41:42	0.17	0.22	0.20	0.17	0.17	0.22	107.48	104.62	106.08	105.60	104.48	110.37	104.86	105.86	104.26	105.65	INITIAL STEAM PULSING	PULSING CYCLE HEATING
	0.20	0.22	0.20	0.22	0.19	0.19	105.98	106.39	102.40	105.43	105.53	105.03	111.52	104.00	107.53	104.86		
	0.19	0.19	0.25	0.20	0.20	0.24	104.95	105.69	105.53	105.03	99.75	101.40	105.60	105.24	112.28	101.25		
	0.14	0.17	0.21	0.19	0.23	0.18	104.07	105.06	110.03	105.38	104.79	104.85	102.07	105.46	105.10	-		
15:42:12	0.84	0.74	0.74	0.64	0.62	0.68	115.31	119.95	119.52	113.76	113.64	110.25	113.17	113.26	113.48	112.59	INITIAL STEAM PULSING	PULSING CYCLE HEATING
	0.65	0.69	0.66	0.68	0.64	0.65	113.26	113.33	111.40	112.40	113.52	112.90	110.78	111.09	111.92	112.57		
	0.65	0.65	0.70	0.66	0.65	0.69	113.52	113.29	105.26	112.71	112.55	113.41	113.12	113.50	111.81	112.40		
	0.60	0.63	0.67	0.65	0.68	0.64	112.90	113.43	109.15	113.74	112.76	113.58	112.09	113.86	113.57	-		
15:42:42	1.01	0.97	0.97	0.94	0.88	0.94	118.99	122.29	121.95	118.30	118.23	112.62	117.80	117.77	117.96	117.27	INITIAL STEAM PULSING	PULSING CYCLE HEATING
	0.91	0.97	0.94	0.96	0.90	0.91	117.70	117.89	116.44	116.82	117.92	117.58	113.21	115.91	116.48	117.25		
	0.90	0.90	0.95	0.91	0.91	0.95	118.11	117.85	108.65	117.39	117.49	118.01	117.70	118.06	114.31	117.34		
	0.86	0.89	0.93	0.90	0.93	0.90	116.94	118.18	112.43	118.30	117.61	118.31	117.03	118.39	118.11	-		

Start Date & Time	17/02/17 15:28:12	SIP REPORT	Cycle Name	Sterilization In Place (SIP)
Equipment Code	PMB138		Progressive No	133

TIME HH:MM:SS	PS02	PS09	PS12	PS15	PS16	PS17	TS01	TS02	TS03	TS09	TS10	TS11	TS12	TS13	TS14	TS15	CYCLE STATUS	STEP STATUS
	PS18	PS19	PS20	PS21	PS22	PS23	TS16	TS17	TS18	TS19	TS20	TS21	TS23	TS24	TS25	TS26		
	PS24	PS25	PS26	PS27	PS32	PS33	TS27	TS28	TS29	TS30	TS31	TS32	TS35	TS36	TS38	TS39		
	PS34	PS35	PS37	PS38	PS39	PS40	TS40	TS41	TS42	TS43	TS44	TS45	TS46	TS37	TS22	-		
15:43:12	0.64	0.70	0.68	0.65	0.65	0.71	115.74	115.60	115.74	115.43	115.10	114.84	114.96	115.55	114.50	114.98	INITIAL STEAM PULSING	PULSING CYCLE PRESSURE RELEASE
	0.68	0.71	0.69	0.70	0.68	0.68	115.63	115.67	113.88	115.36	115.91	115.55	115.70	114.53	116.25	115.22		
	0.68	0.68	0.73	0.69	0.69	0.72	115.41	115.29	111.64	115.67	112.98	112.64	115.70	115.08	116.63	115.00		
	0.63	0.66	0.70	0.68	0.71	0.67	115.08	115.45	115.39	115.41	115.39	115.47	114.74	115.60	115.17	-		
15:43:42	0.36	0.41	0.39	0.36	0.36	0.41	110.73	109.35	109.94	110.16	109.25	114.22	109.04	109.68	109.06	108.39	INITIAL STEAM PULSING	PULSING CYCLE PRESSURE RELEASE
	0.39	0.41	0.39	0.41	0.38	0.38	110.35	110.35	108.56	109.82	110.25	109.92	114.81	108.46	111.95	109.32		
	0.38	0.39	0.44	0.39	0.39	0.43	109.66	109.78	111.14	109.39	105.98	107.13	110.21	109.37	114.89	109.13		
	0.33	0.36	0.40	0.39	0.42	0.38	109.56	109.56	113.92	109.47	109.59	109.57	108.51	109.73	109.28	-		
15:44:12	0.17	0.22	0.20	0.17	0.17	0.23	107.25	104.91	105.81	106.03	104.84	113.88	105.43	105.60	105.03	104.57	INITIAL STEAM PULSING	PULSING CYCLE PRESSURE RELEASE
	0.20	0.23	0.21	0.23	0.19	0.20	106.12	106.48	104.33	105.36	105.86	106.27	113.64	103.93	107.39	104.74		
	0.20	0.20	0.26	0.21	0.20	0.24	105.26	105.89	109.54	104.84	102.40	102.81	105.93	105.03	113.95	104.79		
	0.15	0.18	0.22	0.20	0.23	0.19	105.10	105.35	110.70	105.62	105.46	105.20	102.97	105.15	105.22	-		
15:44:42	0.86	0.77	0.77	0.74	0.66	0.72	115.74	120.16	119.73	114.10	113.93	113.38	113.33	113.50	113.72	112.76	INITIAL STEAM PULSING	PULSING CYCLE HEATING
	0.69	0.75	0.73	0.74	0.67	0.69	113.29	113.43	112.09	112.83	113.67	113.00	112.88	111.90	112.24	112.95		
	0.68	0.68	0.74	0.69	0.69	0.73	113.88	113.50	108.61	113.00	112.78	113.72	113.24	113.83	113.31	113.38		
	0.63	0.66	0.70	0.67	0.70	0.68	112.93	113.77	109.58	114.05	112.95	113.91	112.57	114.17	113.86	-		
15:45:12	1.05	1.01	1.00	0.98	0.92	0.99	119.49	122.62	122.31	118.97	118.90	114.60	118.32	118.59	118.61	117.89	INITIAL STEAM PULSING	PULSING CYCLE HEATING
	0.96	1.01	0.99	1.00	0.94	0.95	118.37	118.51	117.42	117.39	118.61	118.16	114.48	117.18	117.34	118.06		
	0.95	0.95	1.00	0.96	0.96	1.00	118.80	118.42	111.45	118.08	118.11	118.68	118.37	118.73	115.31	118.27		
	0.90	0.93	0.97	0.95	0.97	0.94	117.94	118.82	113.15	118.97	118.25	118.96	117.82	119.06	118.75	-		
15:45:42	1.18	1.17	1.17	1.14	1.10	1.16	121.93	124.36	124.10	121.86	121.19	117.27	121.19	121.47	121.50	120.85	INITIAL STEAM PULSING	PULSING CYCLE HEATING
	1.13	1.18	1.16	1.17	1.12	1.13	121.23	121.35	120.61	120.47	121.33	121.14	117.32	120.40	119.61	121.02		
	1.12	1.13	1.18	1.13	1.13	1.17	121.69	121.23	114.89	121.04	120.83	121.62	121.33	121.59	118.49	121.28		
	1.07	1.11	1.14	1.13	1.15	1.12	120.73	121.83	116.72	121.86	121.16	121.92	120.83	121.97	121.64	-		

Start Date & Time	17/02/17 15:28:12	SIP REPORT	Cycle Name	Sterilization In Place (SIP)
Equipment Code	PMB138		Progressive No	133

TIME HH:MM:SS	PS02	PS09	PS12	PS15	PS16	PS17	TS01	TS02	TS03	TS09	TS10	TS11	TS12	TS13	TS14	TS15	CYCLE STATUS	STEP STATUS
	PS18	PS19	PS20	PS21	PS22	PS23	TS16	TS17	TS18	TS19	TS20	TS21	TS23	TS24	TS25	TS26		
	PS24	PS25	PS26	PS27	PS32	PS33	TS27	TS28	TS29	TS30	TS31	TS32	TS35	TS36	TS38	TS39		
	PS34	PS35	PS37	PS38	PS39	PS40	TS40	TS41	TS42	TS43	TS44	TS45	TS46	TS37	TS22	-		
15:46:12	0.68	0.73	0.72	0.68	0.68	0.74	116.25	115.89	116.48	115.98	116.01	118.61	115.60	115.91	115.55	115.34	INITIAL STEAM PULSING	PULSING CYCLE PRESSURE RELEASE
	0.71	0.74	0.72	0.73	0.71	0.71	116.25	116.08	115.60	116.17	116.32	116.05	118.66	115.91	117.30	115.58		
	0.71	0.71	0.76	0.72	0.72	0.75	115.94	115.89	116.41	116.05	114.15	114.53	116.65	115.65	118.97	115.58		
	0.65	0.68	0.73	0.72	0.74	0.70	115.67	116.06	118.27	115.91	115.82	116.25	115.41	116.17	115.79	-		
15:46:42	0.41	0.45	0.44	0.41	0.41	0.47	111.47	110.47	111.42	110.87	110.54	118.49	110.25	110.61	110.59	109.92	INITIAL STEAM PULSING	PULSING CYCLE PRESSURE RELEASE
	0.44	0.47	0.44	0.46	0.43	0.43	111.64	111.16	110.23	110.97	111.71	110.87	117.42	110.35	113.12	110.56		
	0.43	0.44	0.49	0.45	0.44	0.48	110.73	110.95	115.22	110.28	109.08	109.23	111.76	110.47	117.08	110.18		
	0.38	0.41	0.45	0.44	0.47	0.43	110.40	110.46	115.74	110.52	110.40	110.68	109.92	110.78	110.78	-		
15:47:12	0.22	0.26	0.25	0.22	0.21	0.28	108.42	106.15	107.41	107.13	106.27	118.13	106.77	106.77	106.39	105.91	INITIAL STEAM PULSING	PULSING CYCLE PRESSURE RELEASE
	0.24	0.27	0.25	0.27	0.24	0.24	107.65	107.37	105.96	106.41	107.60	107.29	116.68	105.79	108.25	106.46		
	0.24	0.25	0.30	0.25	0.25	0.29	106.27	106.77	113.45	106.58	105.03	104.95	107.13	106.12	116.51	105.86		
	0.19	0.21	0.26	0.24	0.28	0.23	106.00	106.24	112.09	106.65	106.36	106.33	105.36	106.00	106.51	-		
15:47:42	0.79	0.68	0.68	0.66	0.56	0.64	113.55	118.92	118.27	111.97	111.69	117.44	111.11	111.23	111.61	110.28	INITIAL STEAM PULSING	PULSING CYCLE HEATING
	0.60	0.66	0.64	0.66	0.59	0.60	110.64	111.04	109.35	110.54	111.45	110.33	116.03	109.47	109.42	110.47		
	0.59	0.59	0.65	0.60	0.60	0.64	111.61	111.40	112.28	110.44	110.42	111.47	111.09	111.69	115.86	111.18		
	0.54	0.57	0.61	0.58	0.62	0.59	110.28	111.55	109.32	111.81	110.64	111.68	110.25	112.02	111.69	-		
15:48:12	1.03	0.98	0.98	0.95	0.89	0.96	119.01	122.26	121.95	118.37	118.25	116.56	117.75	117.99	118.01	117.27	INITIAL STEAM PULSING	PULSING CYCLE HEATING
	0.93	0.98	0.96	0.97	0.91	0.92	117.61	117.89	117.01	116.75	117.99	117.49	115.51	116.63	116.94	117.30		
	0.91	0.91	0.96	0.92	0.92	0.96	118.01	117.73	113.12	117.25	117.34	117.89	117.68	117.94	115.77	117.65		
	0.86	0.88	0.93	0.90	0.93	0.90	117.53	117.98	112.24	118.16	117.34	118.10	117.03	118.32	117.94	-		
15:48:42	1.18	1.17	1.16	1.14	1.09	1.16	121.76	124.19	123.91	121.71	121.66	118.16	121.14	121.28	121.40	120.83	INITIAL STEAM PULSING	PULSING CYCLE HEATING
	1.13	1.17	1.15	1.16	1.12	1.12	121.02	121.28	120.57	120.38	121.28	120.95	117.70	120.28	120.28	120.88		
	1.12	1.12	1.17	1.13	1.13	1.17	121.57	121.16	116.22	120.97	120.88	121.45	121.19	121.45	118.59	121.19		
	1.06	1.10	1.14	1.12	1.14	1.11	120.97	121.61	116.39	121.71	121.00	121.69	120.71	121.86	121.45	-		

Start Date & Time	17/02/17 15:28:12	SIP REPORT	Cycle Name	Sterilization In Place (SIP)
Equipment Code	PMB138		Progressive No	133

TIME HH:MM:SS	PS02	PS09	PS12	PS15	PS16	PS17	TS01	TS02	TS03	TS09	TS10	TS11	TS12	TS13	TS14	TS15	CYCLE STATUS	STEP STATUS
	PS18	PS19	PS20	PS21	PS22	PS23	TS16	TS17	TS18	TS19	TS20	TS21	TS23	TS24	TS25	TS26		
	PS24	PS25	PS26	PS27	PS32	PS33	TS27	TS28	TS29	TS30	TS31	TS32	TS35	TS36	TS38	TS39		
	PS34	PS35	PS37	PS38	PS39	PS40	TS40	TS41	TS42	TS43	TS44	TS45	TS46	TS37	TS22	-		
15:49:12	0.97	1.03	1.01	0.98	0.98	1.05	121.38	120.88	121.95	121.14	121.23	120.09	120.76	121.14	120.76	120.73	INITIAL STEAM PULSING	PULSING CYCLE PRESSURE RELEASE
	1.01	1.04	1.02	1.03	1.01	1.01	121.28	121.19	121.07	120.71	121.45	121.21	120.02	120.71	121.04	120.85		
	1.01	1.02	1.06	1.02	1.02	1.06	120.97	120.73	118.87	121.23	120.54	120.28	121.00	120.78	121.00	120.71		
	0.95	0.99	1.03	1.02	1.04	1.00	121.07	121.22	119.47	121.09	120.95	121.28	120.88	121.23	120.78	-		
15:49:42	0.62	0.67	0.65	0.62	0.62	0.69	115.08	114.93	115.43	114.89	115.03	118.49	114.26	114.74	114.43	114.41	INITIAL STEAM PULSING	PULSING CYCLE PRESSURE RELEASE
	0.65	0.68	0.65	0.67	0.64	0.64	114.91	114.93	114.84	115.10	116.05	114.81	119.49	115.12	116.20	114.36		
	0.64	0.65	0.70	0.66	0.65	0.69	115.03	115.17	118.99	114.67	114.29	114.03	115.36	114.46	119.01	114.38		
	0.59	0.62	0.66	0.65	0.68	0.64	114.69	114.84	118.89	114.79	114.67	115.02	114.50	114.93	114.62	-		
15:50:12	0.38	0.42	0.40	0.37	0.37	0.44	110.42	109.87	111.26	110.09	110.37	117.53	109.37	109.87	109.54	109.82	INITIAL STEAM PULSING	PULSING CYCLE PRESSURE RELEASE
	0.40	0.43	0.41	0.43	0.40	0.40	110.76	110.87	110.09	110.11	111.26	110.97	118.11	110.04	110.95	109.39		
	0.40	0.41	0.46	0.41	0.41	0.45	110.28	110.64	118.18	109.78	109.49	108.92	110.95	109.61	117.37	109.35		
	0.34	0.37	0.42	0.40	0.43	0.39	109.63	109.62	115.65	110.21	109.80	110.03	108.77	109.99	110.28	-		
15:50:42	0.21	0.25	0.23	0.20	0.19	0.27	107.03	106.51	107.41	106.58	106.65	117.06	106.05	106.43	105.93	106.43	INITIAL STEAM PULSING	PULSING CYCLE PRESSURE RELEASE
	0.23	0.26	0.23	0.25	0.22	0.22	106.98	107.25	105.93	105.89	107.06	107.41	117.44	105.79	106.46	105.81		
	0.22	0.23	0.28	0.23	0.23	0.28	105.86	106.46	117.49	106.05	105.53	104.91	106.82	105.69	116.79	105.46		
	0.17	0.20	0.25	0.23	0.27	0.22	105.77	105.71	112.13	106.58	106.20	105.91	105.17	105.67	106.22	-		
15:51:12	0.86	0.78	0.77	0.75	0.66	0.74	114.86	120.02	119.47	113.83	113.57	115.96	113.07	113.00	113.50	112.40	STERILIZATION CYCLE	WAITING FOR ST ERILIZATION TEM PRATURE
	0.70	0.76	0.74	0.75	0.68	0.69	112.81	113.07	111.42	112.38	113.38	112.33	116.72	111.38	112.12	112.26		
	0.69	0.69	0.75	0.70	0.70	0.74	113.55	112.83	116.70	112.40	112.24	113.36	112.93	113.60	116.10	113.17		
	0.63	0.66	0.71	0.68	0.71	0.68	112.38	113.43	109.88	113.72	112.66	113.55	112.31	113.91	113.52	-		
15:51:42	1.10	1.08	1.08	1.05	0.99	1.07	120.33	123.29	123.00	120.02	119.90	116.39	119.37	119.52	119.61	119.04	STERILIZATION CYCLE	WAITING FOR ST ERILIZATION TEM PRATURE
	1.03	1.08	1.06	1.07	1.01	1.02	119.35	119.47	118.73	118.54	119.59	119.16	116.70	118.44	118.68	118.97		
	1.02	1.02	1.07	1.03	1.03	1.07	119.80	119.56	116.56	119.13	119.09	119.68	119.35	119.73	116.89	119.49		
	0.96	0.99	1.04	1.02	1.05	1.01	119.09	119.89	113.74	119.99	119.28	119.99	118.80	119.97	119.49	-		

Start Date & Time	17/02/17 15:28:12	SIP REPORT	Cycle Name	Sterilization In Place (SIP)
Equipment Code	PMB138		Progressive No	133

TIME HH:MM:SS	PS02	PS09	PS12	PS15	PS16	PS17	TS01	TS02	TS03	TS09	TS10	TS11	TS12	TS13	TS14	TS15	CYCLE STATUS	STEP STATUS
	PS18	PS19	PS20	PS21	PS22	PS23	TS16	TS17	TS18	TS19	TS20	TS21	TS23	TS24	TS25	TS26		
	PS24	PS25	PS26	PS27	PS32	PS33	TS27	TS28	TS29	TS30	TS31	TS32	TS35	TS36	TS38	TS39		
	PS34	PS35	PS37	PS38	PS39	PS40	TS40	TS41	TS42	TS43	TS44	TS45	TS46	TS37	TS22	-		
15:52:12	1.26	1.26	1.26	1.23	1.19	1.26	123.05	125.20	125.01	123.19	123.05	119.13	122.57	122.71	122.81	122.17	STERILIZATION CYCLE	WAITING FOR ST ERILIZATION TEM PRATURE
	1.22	1.27	1.25	1.26	1.21	1.21	122.48	122.69	122.19	121.86	122.71	122.36	119.11	121.88	121.76	122.26		
	1.21	1.22	1.27	1.22	1.22	1.26	123.03	122.79	118.78	122.36	122.31	122.86	122.60	122.88	120.02	122.69		
	1.16	1.19	1.24	1.21	1.24	1.21	122.48	123.05	117.79	123.17	122.45	123.10	122.29	123.26	122.88	-		
15:52:42	1.36	1.38	1.37	1.34	1.31	1.38	124.77	126.46	126.37	124.96	124.89	121.57	124.39	124.62	124.65	124.12	STERILIZATION CYCLE	WAITING FOR ST ERILIZATION TEM PRATURE
	1.34	1.38	1.36	1.37	1.34	1.33	124.39	124.53	124.15	123.91	124.41	124.29	121.55	123.84	123.93	124.10		
	1.33	1.34	1.39	1.35	1.35	1.38	124.82	124.55	121.16	123.07	123.93	124.72	124.58	124.70	122.60	124.55		
	1.28	1.31	1.36	1.34	1.36	1.33	124.36	124.95	120.93	124.98	124.36	125.01	124.12	125.08	124.70	-		
15:53:12	1.38	1.43	1.42	1.38	1.37	1.44	125.82	126.65	127.04	126.03	125.99	123.45	125.48	125.72	125.72	125.34	STERILIZATION CYCLE	STERILIZATION TIMER RUNNING
	1.40	1.43	1.41	1.42	1.39	1.39	125.58	125.72	125.36	125.20	125.60	125.41	123.48	125.13	125.17	125.25		
	1.39	1.40	1.45	1.40	1.40	1.44	125.89	125.48	123.14	124.67	125.29	125.82	125.60	125.75	124.46	125.58		
	1.34	1.37	1.41	1.40	1.43	1.38	125.60	126.08	123.14	126.06	125.58	126.13	125.34	126.18	125.72	-		
15:53:42	1.30	1.36	1.35	1.31	1.30	1.37	124.77	125.22	125.46	125.03	125.03	124.17	124.65	124.89	124.74	124.48	STERILIZATION CYCLE	STERILIZATION TIMER RUNNING
	1.33	1.37	1.35	1.35	1.32	1.32	124.72	124.82	124.58	124.53	124.72	124.60	124.34	124.29	124.46	124.46		
	1.32	1.33	1.38	1.33	1.33	1.37	124.93	124.03	124.08	124.53	124.55	124.46	124.77	124.74	125.01	124.67		
	1.27	1.30	1.34	1.32	1.35	1.32	124.79	125.05	124.40	125.05	124.74	125.10	124.46	125.17	124.72	-		
15:54:12	1.27	1.32	1.31	1.28	1.26	1.33	124.08	124.67	124.89	124.48	124.46	124.10	123.93	124.24	124.17	123.81	STERILIZATION CYCLE	STERILIZATION TIMER RUNNING
	1.29	1.33	1.31	1.32	1.29	1.28	124.05	124.17	124.03	123.91	124.05	123.96	124.34	123.62	123.91	123.93		
	1.29	1.30	1.34	1.30	1.30	1.34	124.34	123.24	124.08	123.98	124.00	123.88	124.12	124.17	124.72	124.10		
	1.23	1.26	1.31	1.29	1.31	1.28	124.24	124.46	124.54	124.46	124.00	124.48	123.93	124.58	124.17	-		
15:54:42	1.24	1.30	1.29	1.26	1.24	1.31	123.74	124.36	124.53	124.15	124.12	123.93	123.65	123.91	123.84	123.53	STERILIZATION CYCLE	STERILIZATION TIMER RUNNING
	1.27	1.31	1.29	1.30	1.27	1.26	123.74	123.86	123.62	123.67	123.74	123.65	124.12	123.29	123.57	123.53		
	1.26	1.28	1.32	1.28	1.27	1.31	124.03	123.17	123.88	123.60	123.72	123.60	123.81	123.84	124.43	123.79		
	1.21	1.24	1.28	1.26	1.29	1.26	123.84	124.14	124.43	124.15	123.72	124.18	123.53	124.27	123.84	-		

Start Date & Time	17/02/17 15:28:12	SIP REPORT	Cycle Name	Sterilization In Place (SIP)
Equipment Code	PMB138		Progressive No	133

TIME HH:MM:SS	PS02	PS09	PS12	PS15	PS16	PS17	TS01	TS02	TS03	TS09	TS10	TS11	TS12	TS13	TS14	TS15	CYCLE STATUS	STEP STATUS
	PS18	PS19	PS20	PS21	PS22	PS23	TS16	TS17	TS18	TS19	TS20	TS21	TS23	TS24	TS25	TS26		
	PS24	PS25	PS26	PS27	PS32	PS33	TS27	TS28	TS29	TS30	TS31	TS32	TS35	TS36	TS38	TS39		
	PS34	PS35	PS37	PS38	PS39	PS40	TS40	TS41	TS42	TS43	TS44	TS45	TS46	TS37	TS22	-		
15:55:12	0.61	0.66	0.64	0.60	0.60	0.68	118.20	117.01	118.82	116.51	116.77	123.34	115.91	117.92	116.01	116.29	DRYING CYCLE	HOT AIR DRYING
	0.63	0.66	0.64	0.64	0.61	0.60	118.06	117.20	118.27	117.13	118.44	118.27	123.17	117.92	116.46	117.92		
	0.61	0.64	0.69	0.64	0.63	0.67	116.53	116.46	123.07	120.26	116.65	115.51	116.03	115.84	123.45	115.67		
	0.57	0.59	0.64	0.66	0.69	0.62	116.70	116.59	123.71	116.10	116.65	116.94	116.44	116.53	115.94	-		
15:55:42	0.09	0.13	0.11	0.08	0.08	0.16	105.26	104.84	107.29	106.08	104.41	122.38	106.70	107.56	103.71	104.84	DRYING CYCLE	HOT AIR DRYING
	0.11	0.14	0.11	0.13	0.10	0.10	108.65	108.51	106.82	105.91	106.79	106.94	118.90	105.62	110.87	107.22		
	0.11	0.12	0.18	0.13	0.12	0.16	105.15	106.43	119.90	112.16	105.19	104.17	103.33	103.88	116.20	104.55		
	0.05	0.08	0.14	0.12	0.16	0.11	105.84	104.64	117.27	105.55	106.60	105.22	104.52	104.50	106.27	-		
15:56:12	0.01	0.05	0.03	0.00	-0.01	0.07	100.56	101.09	102.76	100.82	100.13	121.78	101.54	101.42	100.66	99.65	DRYING CYCLE	COLD DRYING ON
	0.03	0.05	0.03	0.05	0.01	0.03	101.66	102.26	99.89	100.63	100.16	102.02	114.34	99.73	108.89	100.20		
	0.02	0.03	0.09	0.03	0.03	0.07	101.04	100.90	118.23	109.13	100.71	99.80	99.30	99.77	108.20	100.51		
	-0.04	-0.01	0.04	0.02	0.06	0.01	99.70	99.88	110.97	100.94	100.49	100.35	99.18	101.04	100.73	-		
15:56:42	0.01	0.05	0.03	0.00	-0.01	0.07	96.41	100.20	99.75	99.82	99.80	121.07	98.34	99.97	99.65	97.01	DRYING CYCLE	COLD DRYING ON
	0.03	0.05	0.03	0.05	0.01	0.02	99.65	100.13	97.03	99.68	99.51	100.32	113.02	96.98	104.19	98.65		
	0.02	0.03	0.09	0.03	0.03	0.07	99.92	98.94	117.20	106.53	98.89	98.49	99.25	96.27	104.88	99.58		
	-0.04	-0.01	0.04	0.01	0.06	0.01	97.58	98.73	107.93	99.87	99.32	99.50	95.74	99.82	98.34	-		
15:57:12	0.01	0.05	0.03	0.00	-0.01	0.07	93.57	97.58	96.84	99.77	99.82	120.18	96.29	98.63	100.47	93.73	DRYING CYCLE	COLD DRYING ON
	0.03	0.05	0.03	0.05	0.01	0.02	98.32	98.96	92.14	99.46	97.58	97.72	112.50	92.97	100.99	96.07		
	0.02	0.03	0.09	0.03	0.03	0.07	97.72	97.53	116.20	101.11	97.34	97.51	99.18	93.78	103.38	98.29		
	-0.04	-0.01	0.04	0.02	0.06	0.01	94.74	95.44	106.75	99.11	98.60	97.35	90.73	97.98	96.05	-		
15:57:42	0.01	0.05	0.03	0.01	-0.01	0.08	92.28	95.41	94.83	99.75	99.80	119.11	94.95	96.69	100.13	91.61	DRYING CYCLE	COLD DRYING ON
	0.03	0.05	0.03	0.05	0.02	0.03	96.27	97.63	87.60	98.89	95.00	94.79	111.90	87.62	98.20	92.85		
	0.02	0.03	0.09	0.04	0.03	0.07	94.69	95.19	115.03	96.03	95.17	95.17	97.82	91.99	101.99	95.86		
	-0.04	-0.01	0.05	0.02	0.06	0.02	91.75	92.62	106.34	97.39	95.19	94.91	85.33	95.33	93.83	-		

Start Date & Time	17/02/17 15:28:12	SIP REPORT	Cycle Name	Sterilization In Place (SIP)
Equipment Code	PMB138		Progressive No	133

TIME HH:MM:SS	PS02	PS09	PS12	PS15	PS16	PS17	TS01	TS02	TS03	TS09	TS10	TS11	TS12	TS13	TS14	TS15	CYCLE STATUS	STEP STATUS
	PS18	PS19	PS20	PS21	PS22	PS23	TS16	TS17	TS18	TS19	TS20	TS21	TS23	TS24	TS25	TS26		
	PS24	PS25	PS26	PS27	PS32	PS33	TS27	TS28	TS29	TS30	TS31	TS32	TS35	TS36	TS38	TS39		
	PS34	PS35	PS37	PS38	PS39	PS40	TS40	TS41	TS42	TS43	TS44	TS45	TS46	TS37	TS22	-		
15:58:12	0.01	0.06	0.03	0.01	-0.01	0.08	91.87	93.09	93.09	99.63	99.70	118.01	92.99	94.24	99.03	89.56	DRYING CYCLE	COLD DRYING ON
	0.03	0.06	0.03	0.06	0.02	0.03	92.88	95.43	87.84	97.84	93.42	92.16	111.21	83.09	96.15	90.15		
	0.03	0.03	0.09	0.04	0.03	0.07	92.83	93.02	113.83	95.12	93.40	93.42	94.02	90.08	100.59	94.69		
	-0.03	-0.01	0.05	0.02	0.07	0.02	89.39	82.59	106.26	96.50	91.87	92.96	80.75	93.78	91.97	-		
15:58:42	0.01	0.06	0.04	0.01	-0.01	0.08	91.37	91.73	91.42	99.39	99.51	116.79	90.54	91.11	97.63	87.72	DRYING CYCLE	COLD DRYING ON
	0.03	0.06	0.03	0.06	0.02	0.03	88.96	92.14	85.52	95.69	92.52	89.92	110.42	86.43	94.14	87.48		
	0.03	0.03	0.09	0.04	0.03	0.07	91.49	90.87	112.62	93.64	91.25	91.75	89.94	87.36	98.96	93.38		
	-0.03	-0.01	0.05	0.02	0.07	0.02	86.84	74.59	106.16	95.31	88.72	92.25	76.45	94.52	90.08	-		
15:59:12	0.01	0.06	0.04	0.01	-0.01	0.08	90.03	89.70	89.70	98.99	99.25	115.58	88.32	88.34	96.22	85.69	DRYING CYCLE	COLD DRYING ON
	0.03	0.06	0.03	0.05	0.02	0.03	85.14	89.18	82.56	93.42	90.87	87.74	109.61	83.80	92.35	84.85		
	0.02	0.03	0.09	0.04	0.03	0.07	90.42	88.82	111.35	90.97	89.18	90.25	86.31	84.88	97.32	91.85		
	-0.03	-0.01	0.05	0.02	0.06	0.02	84.81	68.74	105.96	93.31	85.81	91.17	72.66	92.85	88.29	-		
15:59:42	0.01	0.06	0.04	0.01	-0.01	0.08	88.10	87.55	88.22	98.65	98.94	114.36	86.33	85.62	94.95	83.52	DRYING CYCLE	COLD DRYING ON
	0.03	0.05	0.03	0.05	0.02	0.03	81.82	87.07	79.70	91.25	89.32	85.86	108.82	81.25	90.73	82.56		
	0.02	0.03	0.09	0.04	0.03	0.07	89.63	86.96	110.13	88.84	87.27	88.98	83.35	82.75	95.81	90.08		
	-0.03	-0.01	0.05	0.02	0.06	0.02	82.87	65.82	105.67	91.59	83.30	89.68	69.34	91.73	86.69	-		
16:00:12	0.01	0.06	0.04	0.01	-0.01	0.08	86.05	85.43	86.67	97.96	98.65	113.12	84.21	83.21	93.59	81.35	DRYING CYCLE	COLD DRYING ON
	0.03	0.05	0.03	0.05	0.02	0.03	78.70	85.31	76.60	89.25	87.55	84.14	108.03	79.77	88.89	80.13		
	0.02	0.03	0.09	0.04	0.03	0.07	88.77	85.07	108.89	86.53	85.52	87.60	80.46	80.68	94.50	88.08		
	-0.03	-0.01	0.05	0.02	0.06	0.02	80.99	65.41	105.30	90.08	80.77	88.02	66.23	90.35	85.07	-		
16:00:42	0.01	0.06	0.04	0.01	-0.01	0.08	83.83	83.45	85.07	96.84	98.34	111.97	82.30	81.27	92.23	79.34	DRYING CYCLE	COLD DRYING ON
	0.03	0.05	0.03	0.05	0.02	0.03	75.88	83.42	73.92	88.01	85.67	82.90	107.27	78.79	87.15	78.05		
	0.02	0.03	0.09	0.04	0.03	0.07	88.03	83.35	107.72	84.28	83.90	86.36	77.91	78.82	93.52	86.05		
	-0.03	-0.01	0.05	0.02	0.06	0.02	79.44	65.58	104.87	88.84	78.46	86.26	63.63	88.79	83.47	-		

Start Date & Time	17/02/17 15:28:12	SIP REPORT	Cycle Name	Sterilization In Place (SIP)
Equipment Code	PMB138		Progressive No	133

TIME HH:MM:SS	PS02	PS09	PS12	PS15	PS16	PS17	TS01	TS02	TS03	TS09	TS10	TS11	TS12	TS13	TS14	TS15	CYCLE STATUS	STEP STATUS
	PS18	PS19	PS20	PS21	PS22	PS23	TS16	TS17	TS18	TS19	TS20	TS21	TS23	TS24	TS25	TS26		
	PS24	PS25	PS26	PS27	PS32	PS33	TS27	TS28	TS29	TS30	TS31	TS32	TS35	TS36	TS38	TS39		
	PS34	PS35	PS37	PS38	PS39	PS40	TS40	TS41	TS42	TS43	TS44	TS45	TS46	TS37	TS22	-		
16:01:12	0.01	0.06	0.04	0.01	-0.01	0.08	81.70	81.44	83.52	96.24	97.98	110.76	80.30	79.20	90.82	77.45	DRYING CYCLE	COLD DRYING ON
	0.03	0.05	0.03	0.05	0.02	0.03	73.21	81.49	71.13	86.76	83.61	82.18	106.46	76.60	85.67	75.97		
	0.02	0.03	0.09	0.04	0.03	0.07	87.29	81.58	106.51	82.09	82.23	85.02	75.38	76.98	92.59	84.62		
	-0.03	-0.01	0.05	0.02	0.06	0.02	78.24	65.24	104.37	87.65	76.21	84.51	61.03	87.46	81.87	-		
16:01:42	0.01	0.06	0.04	0.01	-0.01	0.08	79.70	79.65	82.11	95.05	97.46	109.59	78.27	77.50	89.58	75.74	DRYING CYCLE	COLD DRYING ON
	0.03	0.05	0.03	0.05	0.02	0.03	70.99	79.82	68.77	85.55	81.87	82.63	105.72	75.04	84.11	74.21		
	0.02	0.03	0.09	0.04	0.03	0.07	86.48	80.03	105.38	80.06	80.68	83.71	73.35	75.21	91.63	83.18		
	-0.03	-0.01	0.05	0.02	0.06	0.02	77.24	65.52	103.84	86.53	74.30	82.76	58.83	86.07	80.44	-		
16:02:12	0.01	0.06	0.04	0.01	-0.01	0.07	77.72	78.17	80.72	93.16	96.67	108.44	76.48	75.78	88.17	73.85	DRYING CYCLE	COLD DRYING ON
	0.03	0.05	0.03	0.05	0.01	0.03	68.79	78.00	66.40	84.14	79.94	82.87	104.93	73.78	82.44	72.32		
	0.02	0.03	0.08	0.03	0.03	0.07	85.62	78.48	104.26	78.15	79.15	82.32	71.46	73.54	90.63	81.63		
	-0.04	-0.01	0.05	0.02	0.06	0.02	76.05	66.43	103.32	85.38	72.35	81.15	56.83	84.66	79.05	-		
16:02:42	0.01	0.06	0.04	0.01	-0.01	0.07	75.95	76.98	79.29	91.23	95.72	107.34	74.80	74.30	86.74	72.18	DRYING CYCLE	COLD DRYING ON
	0.03	0.05	0.03	0.05	0.01	0.03	66.88	76.26	64.30	82.78	78.34	82.23	104.21	72.49	80.99	70.67		
	0.02	0.03	0.08	0.03	0.03	0.07	84.83	77.05	103.19	76.38	77.69	80.99	69.79	71.89	89.58	80.06		
	-0.04	-0.01	0.05	0.02	0.06	0.02	74.73	67.39	102.70	83.97	70.41	79.51	54.82	83.26	77.76	-		
16:03:12	0.01	0.06	0.04	0.01	-0.01	0.07	74.14	75.78	78.03	89.27	94.69	106.27	72.99	72.78	85.38	70.53	DRYING CYCLE	COLD DRYING ON
	0.03	0.05	0.03	0.05	0.01	0.02	65.18	74.57	62.25	81.35	76.86	81.20	103.45	70.63	79.70	69.12		
	0.02	0.03	0.08	0.03	0.03	0.07	83.88	75.74	102.14	74.78	76.28	79.65	68.24	70.29	88.55	78.60		
	-0.04	-0.01	0.05	0.02	0.06	0.01	73.52	67.05	102.06	83.71	68.69	77.96	53.11	82.09	76.55	-		
16:03:42	0.01	0.06	0.04	0.01	-0.01	0.07	72.44	74.83	76.74	87.19	93.54	105.15	71.20	71.32	83.97	68.84	DRYING CYCLE	COLD DRYING ON
	0.03	0.05	0.02	0.05	0.01	0.02	63.51	72.70	60.34	79.65	75.28	80.13	102.69	69.72	78.27	67.71		
	0.02	0.03	0.08	0.03	0.03	0.07	82.97	74.33	101.04	73.18	74.69	78.24	66.71	68.74	87.43	77.07		
	-0.04	-0.01	0.05	0.02	0.06	0.01	72.15	66.62	101.39	82.85	66.95	76.43	51.41	80.72	75.26	-		

Start Date & Time	17/02/17 15:28:12	SIP REPORT	Cycle Name	Sterilization In Place (SIP)
Equipment Code	PMB138		Progressive No	133

TIME HH:MM:SS	PS02	PS09	PS12	PS15	PS16	PS17	TS01	TS02	TS03	TS09	TS10	TS11	TS12	TS13	TS14	TS15	CYCLE STATUS	STEP STATUS
	PS18	PS19	PS20	PS21	PS22	PS23	TS16	TS17	TS18	TS19	TS20	TS21	TS23	TS24	TS25	TS26		
	PS24	PS25	PS26	PS27	PS32	PS33	TS27	TS28	TS29	TS30	TS31	TS32	TS35	TS36	TS38	TS39		
	PS34	PS35	PS37	PS38	PS39	PS40	TS40	TS41	TS42	TS43	TS44	TS45	TS46	TS37	TS22	-		
16:04:12	1.20	1.17	1.15	1.15	1.00	1.27	58.00	62.58	68.96	86.48	84.09	103.98	74.21	76.98	86.74	67.43	WAITING FOR EN D SIGNAL	
	1.15	1.17	1.16	1.17	1.00	0.95	69.05	73.52	58.33	78.43	75.26	81.39	101.99	66.83	78.86	66.55		
	1.20	1.01	1.20	1.20	1.04	1.24	76.60	73.47	99.49	71.84	74.16	70.41	65.35	66.21	86.62	78.08		
	1.00	1.01	1.18	1.09	1.13	1.10	70.79	61.72	100.69	81.61	65.28	74.92	50.00	80.03	74.47	-		
16:04:42	1.25	1.17	1.12	1.17	0.96	1.27	58.00	63.92	70.65	84.74	83.54	102.95	71.56	72.89	84.09	65.95	WAITING FOR EN D SIGNAL	
	1.15	1.13	1.13	1.15	0.93	0.95	65.95	72.15	56.45	76.88	74.52	79.98	101.28	63.75	77.29	65.23		
	1.25	0.95	1.18	1.26	0.98	1.28	78.12	72.30	98.01	70.34	72.80	72.61	64.16	67.83	85.88	76.52		
	0.96	0.95	1.16	1.06	1.10	1.05	69.29	66.18	100.09	79.24	63.80	73.31	48.59	78.72	73.35	-		

Start Date & Time	17/02/17 15:28:12	SIP REPORT	Cycle Name	Sterilization In Place (SIP)
Equipment Code	PMB138		Progressive No	133

EVENT LIST

TIME HH:MM:SS	PS02	PS09	PS12	PS15	PS16	PS17	TS01	TS02	TS03	TS09	TS10	TS11	TS12	TS13	TS14	TS15	CYCLE STATUS	STEP STATUS
	PS18	PS19	PS20	PS21	PS22	PS23	TS16	TS17	TS18	TS19	TS20	TS21	TS23	TS24	TS25	TS26		
	PS24	PS25	PS26	PS27	PS32	PS33	TS27	TS28	TS29	TS30	TS31	TS32	TS35	TS36	TS38	TS39		
	PS34	PS35	PS37	PS38	PS39	PS40	TS40	TS41	TS42	TS43	TS44	TS45	TS46	TS37	TS22	-		
15:30:21	2.05	2.09	2.07	2.04	2.03	2.05	30.57	31.41	33.48	32.07	31.53	48.43	30.52	31.33	42.51	27.75	PRESSURE LEAK TEST	PRESSURIZE DON E,STABILIZE STA RTED
	2.05	2.07	2.04	2.08	2.03	2.04	31.07	32.41	26.78	31.26	33.34	34.13	52.15	27.32	40.10	27.44		
	2.04	2.05	2.09	2.04	2.05	2.08	31.50	30.64	53.39	27.83	30.55	31.67	28.80	27.23	47.50	35.82		
	2.00	2.04	2.07	2.01	2.04	2.04	26.75	25.49	45.59	31.33	24.39	28.19	26.11	31.91	29.04	-		
15:31:21	1.98	2.04	2.02	2.00	1.98	2.01	30.40	31.36	32.05	31.91	36.04	47.88	29.54	31.00	39.64	27.71	PRESSURE LEAK TEST	STABILIZE DON E,HOLD TIME STA RTED
	2.01	2.03	2.00	2.04	1.99	2.00	30.38	31.24	26.75	31.14	32.55	33.36	51.53	27.30	38.73	27.40		
	1.99	2.01	2.05	2.00	2.01	2.04	32.03	30.55	52.91	27.80	30.14	34.89	28.76	29.40	46.92	32.43		
	1.96	2.00	2.03	2.00	2.03	2.00	26.68	28.57	45.04	29.40	24.34	28.07	26.11	31.76	28.95	-		
15:32:22	1.95	2.00	1.99	1.96	1.95	1.98	30.05	31.41	31.07	31.76	37.90	47.42	29.09	30.71	38.21	27.63	PRESSURE LEAK TEST	HOLD TIME OVER ,PRESSURE RELE ASE STARTED
	1.97	1.99	1.96	2.00	1.95	1.96	29.90	30.40	26.75	31.05	31.98	32.53	51.24	27.30	38.52	27.42		
	1.96	1.97	2.01	1.97	1.97	2.00	32.34	30.48	52.60	27.73	30.07	36.35	28.71	30.45	46.56	31.38		
	1.92	1.96	1.99	1.97	2.00	1.96	26.66	30.37	44.59	28.78	24.39	27.95	26.08	31.62	28.85	-		
15:32:49	0.13	0.19	0.17	0.15	0.14	0.16	29.71	31.05	30.79	31.81	37.88	47.11	29.97	30.81	35.35	31.91	STEAM PURGING	PRESSURE RELEA SE DONE,STEAM P URGING STARTED
	0.16	0.18	0.15	0.19	0.14	0.15	31.41	31.26	27.47	31.07	32.58	34.06	50.98	28.16	38.64	31.84		
	0.14	0.16	0.20	0.15	0.16	0.19	35.82	31.69	52.39	30.40	31.74	39.43	27.71	31.00	46.30	31.29		
	0.11	0.15	0.18	0.16	0.19	0.14	27.83	27.50	44.23	30.59	27.78	27.20	26.44	31.19	27.68	-		
15:36:07	0.44	0.29	0.28	0.27	0.13	0.16	108.34	114.05	113.74	103.52	103.50	79.32	103.59	103.83	103.26	102.81	STEAM PULSING	HEATING OVER
	0.16	0.24	0.22	0.23	0.11	0.14	104.36	104.31	90.61	102.83	104.21	103.64	86.96	90.73	103.09	102.64		
	0.13	0.13	0.19	0.14	0.14	0.18	103.14	102.97	75.00	102.59	103.00	103.07	102.83	103.07	92.76	94.50		
	0.11	0.14	0.16	0.13	0.16	0.14	98.56	103.21	85.10	103.47	102.85	103.36	96.43	103.40	103.24	-		
15:37:09	0.36	0.26	0.26	0.23	0.15	0.18	104.45	109.63	109.18	96.93	89.89	84.69	103.50	103.69	102.30	92.97	INITIAL STEAM PULSING	STEAM PURGING DONE,PULSING CY CLE STARTED
	0.17	0.23	0.20	0.22	0.15	0.16	103.47	103.71	83.21	104.07	103.69	103.40	95.60	69.62	103.57	103.16		
	0.16	0.16	0.21	0.17	0.17	0.21	103.74	92.14	84.16	95.95	103.38	102.42	91.18	103.71	98.25	89.68		
	0.13	0.16	0.18	0.14	0.17	0.15	84.62	103.10	94.72	102.95	101.97	103.21	87.70	103.90	103.81	-		

Start Date & Time	17/02/17 15:28:12	SIP REPORT	Cycle Name	Sterilization In Place (SIP)
Equipment Code	PMB138		Progressive No	133

TIME HH:MM:SS	PS02	PS09	PS12	PS15	PS16	PS17	TS01	TS02	TS03	TS09	TS10	TS11	TS12	TS13	TS14	TS15	CYCLE STATUS	STEP STATUS
	PS18	PS19	PS20	PS21	PS22	PS23	TS16	TS17	TS18	TS19	TS20	TS21	TS23	TS24	TS25	TS26		
	PS24	PS25	PS26	PS27	PS32	PS33	TS27	TS28	TS29	TS30	TS31	TS32	TS35	TS36	TS38	TS39		
	PS34	PS35	PS37	PS38	PS39	PS40	TS40	TS41	TS42	TS43	TS44	TS45	TS46	TS37	TS22	-		
15:38:46	0.87	0.81	0.80	0.78	0.70	0.74	116.89	119.73	119.83	115.39	115.36	102.66	115.05	115.22	115.12	114.65	INITIAL STEAM PULSING	HEATING-1 OVER ,RELEASE-1 STAR TED
	0.73	0.79	0.76	0.78	0.71	0.72	115.22	115.36	110.76	114.26	115.29	114.91	108.11	111.81	112.40	114.72		
	0.72	0.71	0.77	0.73	0.73	0.77	115.22	115.12	99.99	111.73	114.24	115.17	114.91	115.20	110.18	113.05		
	0.68	0.72	0.74	0.72	0.75	0.72	114.77	115.42	108.34	115.48	114.86	115.52	113.52	115.51	115.24	-		
15:39:35	0.18	0.23	0.21	0.18	0.17	0.22	107.15	104.74	105.55	105.41	104.07	106.55	104.64	105.60	104.60	106.03	INITIAL STEAM PULSING	RELEASE-1 OVER ,HEATING-2 STAR TED
	0.20	0.23	0.20	0.22	0.19	0.19	106.84	107.08	98.49	105.55	106.65	105.00	109.94	102.50	107.13	105.38		
	0.19	0.19	0.25	0.20	0.20	0.24	105.60	105.96	101.56	105.38	98.68	100.47	105.67	105.15	112.09	103.47		
	0.15	0.18	0.22	0.20	0.23	0.19	103.95	105.75	109.22	105.29	105.31	105.28	99.87	105.72	105.15	-		
15:40:35	0.96	0.91	0.91	0.89	0.82	0.86	118.23	121.66	121.35	117.20	117.15	109.80	116.72	116.82	116.87	116.25	INITIAL STEAM PULSING	HEATING-2 OVER ,RELEASE-2 STAR TED
	0.85	0.90	0.88	0.89	0.83	0.84	116.77	116.82	114.36	115.82	116.89	116.46	111.78	114.34	114.57	116.22		
	0.84	0.83	0.89	0.84	0.85	0.88	117.03	116.72	104.98	116.29	116.48	116.94	116.70	116.96	113.24	115.39		
	0.80	0.83	0.86	0.84	0.86	0.83	116.25	117.05	111.28	117.22	116.51	117.22	115.53	117.30	116.99	-		
15:41:41	0.18	0.22	0.20	0.18	0.17	0.23	107.68	104.76	106.10	105.74	104.64	110.40	104.93	105.91	104.41	105.69	INITIAL STEAM PULSING	RELEASE-2 OVER ,HEATING-3 STAR TED
	0.20	0.23	0.21	0.23	0.19	0.20	106.22	106.55	102.45	105.60	105.77	105.22	111.57	104.21	107.65	104.93		
	0.20	0.20	0.25	0.21	0.20	0.24	105.12	105.86	105.62	105.24	99.89	101.56	105.79	105.41	112.28	101.45		
	0.15	0.18	0.22	0.20	0.23	0.19	104.12	105.18	110.13	105.50	104.98	105.00	102.30	105.60	105.24	-		
15:42:52	1.05	1.02	1.02	0.99	0.94	0.99	119.61	122.64	122.33	119.21	119.11	113.67	118.66	118.70	118.85	118.27	INITIAL STEAM PULSING	HEATING-3 OVER ,RELEASE-3 STAR TED
	0.97	1.02	1.00	1.01	0.95	0.96	118.59	118.73	117.30	117.73	118.82	118.49	114.26	117.15	117.01	118.20		
	0.96	0.96	1.01	0.97	0.97	1.00	119.04	118.70	109.99	118.39	118.39	118.92	118.61	118.94	115.46	118.18		
	0.91	0.94	0.98	0.96	0.98	0.95	118.20	119.09	113.67	119.21	118.51	119.19	118.04	119.30	118.99	-		
15:44:14	0.17	0.22	0.20	0.17	0.17	0.23	107.25	104.91	105.81	106.03	104.84	113.88	105.43	105.60	105.03	104.57	INITIAL STEAM PULSING	RELEASE-3 OVER ,HEATING-4 STAR TED
	0.20	0.22	0.20	0.22	0.19	0.19	106.10	106.34	104.24	105.19	105.62	106.08	113.60	103.69	107.22	104.60		
	0.19	0.20	0.25	0.20	0.20	0.24	105.12	105.77	109.47	104.60	102.28	102.71	105.79	104.88	113.93	104.64		
	0.14	0.17	0.21	0.19	0.23	0.18	105.05	105.23	110.59	105.50	105.26	105.07	102.69	104.95	105.05	-		

Start Date & Time	17/02/17 15:28:12	SIP REPORT	Cycle Name	Sterilization In Place (SIP)
Equipment Code	PMB138		Progressive No	133

TIME HH:MM:SS	PS02	PS09	PS12	PS15	PS16	PS17	TS01	TS02	TS03	TS09	TS10	TS11	TS12	TS13	TS14	TS15	CYCLE STATUS	STEP STATUS
	PS18	PS19	PS20	PS21	PS22	PS23	TS16	TS17	TS18	TS19	TS20	TS21	TS23	TS24	TS25	TS26		
	PS24	PS25	PS26	PS27	PS32	PS33	TS27	TS28	TS29	TS30	TS31	TS32	TS35	TS36	TS38	TS39		
	PS34	PS35	PS37	PS38	PS39	PS40	TS40	TS41	TS42	TS43	TS44	TS45	TS46	TS37	TS22	-		
15:45:44	1.18	1.17	1.17	1.14	1.10	1.16	121.93	124.36	124.10	121.86	121.19	117.27	121.19	121.47	121.50	120.85	INITIAL STEAM PULSING	HEATING-4 OVER ,RELEASE-4 STAR TED
	1.13	1.18	1.16	1.17	1.12	1.13	121.23	121.35	120.61	120.47	121.33	121.14	117.32	120.40	119.61	121.02		
	1.12	1.13	1.18	1.13	1.13	1.17	121.69	121.23	114.89	121.04	120.83	121.62	121.33	121.59	118.49	121.28		
	1.07	1.11	1.14	1.13	1.15	1.12	120.73	121.83	116.72	121.86	121.16	121.92	120.83	121.97	121.64	-		
15:47:25	0.17	0.21	0.19	0.17	0.16	0.23	107.20	104.72	106.05	105.89	104.98	117.92	105.41	105.53	105.07	104.88	INITIAL STEAM PULSING	RELEASE-4 OVER ,HEATING-5 STAR TED
	0.19	0.22	0.20	0.22	0.18	0.19	106.27	105.93	104.67	104.98	106.15	106.12	116.51	104.24	106.58	105.24		
	0.19	0.20	0.25	0.20	0.19	0.23	105.00	105.41	112.88	105.19	103.78	103.64	105.62	104.84	116.29	104.57		
	0.13	0.16	0.21	0.19	0.23	0.18	104.62	104.97	110.79	105.38	105.19	104.73	104.07	104.72	105.10	-		
15:49:03	1.24	1.24	1.23	1.20	1.17	1.24	122.81	124.86	124.65	122.91	122.76	119.47	122.19	122.43	122.55	121.93	INITIAL STEAM PULSING	HEATING-5 OVER ,RELEASE-5 STAR TED
	1.20	1.24	1.22	1.23	1.19	1.19	122.29	122.38	121.78	121.74	122.33	122.12	119.18	121.52	121.74	122.07		
	1.19	1.20	1.25	1.20	1.20	1.24	122.76	122.43	117.92	122.09	121.90	122.67	122.38	122.60	120.23	122.40		
	1.14	1.17	1.21	1.19	1.22	1.19	122.17	122.83	118.39	122.88	122.24	122.91	122.02	123.00	122.64	-		
15:50:53	0.17	0.21	0.19	0.17	0.16	0.23	106.34	105.67	106.46	105.69	105.81	116.91	105.22	105.53	105.15	105.62	STERILIZATION CYCLE	STEAM PUL. DON E, WAITING FOR T EMP
	0.19	0.22	0.20	0.22	0.18	0.19	106.24	106.43	105.03	104.93	106.15	106.51	117.27	104.74	105.50	104.86		
	0.19	0.20	0.25	0.20	0.19	0.23	104.98	105.58	117.30	105.17	104.62	104.10	105.62	104.67	116.63	104.43		
	0.13	0.16	0.21	0.19	0.23	0.18	104.84	104.75	111.16	105.55	105.26	104.69	104.29	104.81	105.15	-		
15:52:53	1.38	1.39	1.39	1.36	1.33	1.41	125.05	126.75	126.63	125.32	125.27	122.12	124.70	124.98	125.01	124.43	STERILIZATION CYCLE	STERILIZATION TIMER RUNNING
	1.36	1.41	1.39	1.39	1.36	1.36	124.70	124.84	124.43	124.27	124.86	124.62	122.07	124.22	124.34	124.46		
	1.36	1.37	1.41	1.37	1.37	1.41	125.20	124.89	121.71	123.10	124.29	125.10	124.86	125.01	123.07	124.86		
	1.30	1.33	1.38	1.36	1.38	1.35	124.67	125.25	121.47	125.32	124.62	125.30	124.41	125.46	125.01	-		
15:54:54	1.17	1.22	1.22	1.19	1.19	1.26	123.62	124.17	124.39	124.03	124.00	123.81	123.50	123.79	123.69	123.36	DRYING CYCLE	STERILIZATION DONE, HOT DRYING STARTED
	1.22	1.25	1.23	1.22	1.18	1.16	123.60	123.72	123.48	123.48	123.65	123.50	123.98	123.19	123.36	123.36		
	1.20	1.22	1.27	1.22	1.22	1.26	123.65	123.19	123.77	123.45	123.57	123.50	123.72	123.69	124.29	123.67		
	1.16	1.18	1.23	1.24	1.27	1.20	123.69	124.01	124.36	124.00	123.57	124.05	123.41	124.15	123.69	-		

Start Date & Time	17/02/17 15:28:12	SIP REPORT	Cycle Name	Sterilization In Place (SIP)
Equipment Code	PMB138		Progressive No	133

TIME HH:MM:SS	PS02	PS09	PS12	PS15	PS16	PS17	TS01	TS02	TS03	TS09	TS10	TS11	TS12	TS13	TS14	TS15	CYCLE STATUS	STEP STATUS
	PS18	PS19	PS20	PS21	PS22	PS23	TS16	TS17	TS18	TS19	TS20	TS21	TS23	TS24	TS25	TS26		
	PS24	PS25	PS26	PS27	PS32	PS33	TS27	TS28	TS29	TS30	TS31	TS32	TS35	TS36	TS38	TS39		
	PS34	PS35	PS37	PS38	PS39	PS40	TS40	TS41	TS42	TS43	TS44	TS45	TS46	TS37	TS22	-		
15:55:53	0.03	0.07	0.04	0.02	0.01	0.09	102.71	102.69	104.93	103.33	101.90	122.19	104.02	104.62	101.64	102.26	DRYING CYCLE	HOT DRYING DON E,COLD DRYING S TARTED
	0.05	0.08	0.05	0.07	0.03	0.04	105.43	105.77	102.62	102.73	103.52	104.26	116.91	102.28	110.78	103.38		
	0.04	0.05	0.11	0.05	0.05	0.09	102.35	103.36	119.09	110.83	102.26	101.33	100.40	101.18	112.35	102.11		
	-0.02	0.01	0.06	0.04	0.08	0.03	102.21	101.55	114.46	103.02	103.33	102.27	101.18	102.35	103.28	-		
16:03:50	0.91	0.16	0.14	0.09	0.03	0.12	72.04	74.21	77.24	86.86	93.35	104.95	70.87	71.08	83.76	68.55	POSITIVE PRESS URE CYCLE	COLD DRYING D ONE,POSITIVE PR ES. STARTED
	0.08	0.10	0.08	0.11	0.05	0.07	63.18	72.44	59.88	79.36	74.92	79.87	102.57	69.19	78.08	67.43		
	0.07	0.07	0.12	0.08	0.08	0.14	82.68	74.06	100.85	72.92	74.42	78.05	66.43	68.50	87.22	76.86		
	0.02	0.05	0.10	0.03	0.07	0.06	71.89	66.32	101.26	82.73	66.62	76.13	51.15	80.51	75.04	-		
16:04:01	1.35	1.12	1.10	1.06	1.01	1.10	54.75	62.77	71.30	87.31	86.86	104.50	74.90	77.88	87.07	68.05	POSITIVE PRESS URE CYCLE	POSITIVE PRESS URE OVER
	1.06	1.09	1.07	1.09	1.04	1.05	69.82	75.19	59.22	79.01	75.28	81.11	102.28	68.26	79.10	67.07		
	1.05	1.05	1.11	1.06	1.06	1.11	77.88	73.87	100.32	72.39	74.64	72.66	65.90	66.47	86.88	78.50		
	1.00	1.03	1.08	1.03	1.08	1.05	71.56	62.48	100.99	82.47	66.00	75.66	50.65	80.44	74.85	-		
16:05:01	1.27	1.17	1.11	1.16	0.95	1.26	58.02	64.35	70.65	83.80	82.99	102.50	70.41	71.58	83.52	65.38	SIP COMPLETED SUCESSFULLY	
	1.14	1.12	1.11	1.13	0.92	0.94	64.54	71.41	55.54	76.12	74.06	79.27	100.90	62.53	76.52	64.49		
	1.26	0.94	1.17	1.28	0.97	1.29	78.31	71.70	97.43	69.72	72.06	72.89	63.56	67.86	85.38	75.78		
	0.95	0.94	1.15	1.06	1.10	1.04	68.62	68.44	99.71	78.12	63.06	72.55	47.90	77.98	72.75	-		

Start Date & Time	17/02/17 15:28:12	SIP REPORT	Cycle Name	Sterilization In Place (SIP)
Equipment Code	PMB138		Progressive No	133

<u>ALARM LIST</u>

Date & Time	Status	Alarm Text
17/02/17 15:32:22	Alarm IN	PRESSURE LEAK TEST PASSED
17/02/17 15:32:25	Alarm OUT	PRESSURE LEAK TEST PASSED
17/02/17 15:32:26	ACK	PRESSURE LEAK TEST PASSED
17/02/17 15:32:26	ACK	SIP COMPLETED SUCCESSFULLY
17/02/17 15:32:26	ACK	STERILIZATION HOLD TIME OVER
17/02/17 15:54:54	Alarm IN	STERILIZATION HOLD TIME OVER
17/02/17 15:54:59	Alarm OUT	STERILIZATION HOLD TIME OVER
17/02/17 16:05:00	Alarm IN	SIP COMPLETED SUCCESSFULLY

Start Date & Time	17/02/17 15:28:12	SIP REPORT	Cycle Name	Sterilization In Place (SIP)
Equipment Code	PMB138		Progressive No	133

<u>HMI AUDIT REPORT</u>

Date & Time	HMI Location	Description	User	Comment

Start Date & Time	17/02/17 15:28:12	SIP REPORT	Cycle Name	Sterilization In Place (SIP)
Equipment Code	PMB138		Progressive No	133

<u>SCADA AUDIT REPORT</u>

Date & Time	Username	Description	Activity	Comment
17/02/17 15:45:19	administrator		USERT::Automatic logout by timeout	
17/02/17 15:47:10	ADMINISTRATOR		USERT::Manual login	

Start Date & Time	17/02/17 15:28:12	SIP REPORT	Cycle Name	Sterilization In Place (SIP)
Equipment Code	PMB138		Progressive No	133

SIP Summary			
Sterilization Minimum Temperature at	TT102	123.00	°C
Sterilization Maximum Temperature at	TS03	127.04	°C
F0 value		4.20	MINS

Start Date & Time	17/02/17 15:28:12	SIP REPORT	Cycle Name	Sterilization In Place (SIP)
Equipment Code	PMB138		Progressive No	133

E Signatures
<u>OPERATOR</u>
Name :
Date & Time :
Comments :
<u>SUPERVISOR</u>
Name :
Date & Time :
Comments :
<u>QA PERSON</u>
Name :
Date & Time :
Comments :

Print Date :	17/02/17
Print Time :	16:05:58
Print By :	ADMINISTRATOR