

BAXTER COLLEAGUE CXE Checklist de PM

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 Date: 2024-08-16
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 Type: Simple
 Personnalité: Recherche Radio-Onco



Note: Pour plus de détails, veuillez-vous référer aux notes dans le fichier "Conditions et Procédures Remplacement Batteries Pompes B

External inspection	Pass	Fail
Pump is clean and undamaged	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Power cord condition-can be flexed without interrupting power	<input checked="" type="checkbox"/>	<input type="checkbox"/>
RTV seal check-Seal is present and evenly applied	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Mounting clamp is present	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Mounting clamp moves freely	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Friction pads are present and in good condition	<input checked="" type="checkbox"/>	<input type="checkbox"/>
V-block clamp plate is secure	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Mounting clamp is easily removed using release tab	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Internal fan check.	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Shake test	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Self Test	Pass	Fail
Power up self test completed successfully	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Battery icon illuminated / AC icon is OFF	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Power up User test completed - speaker is heard	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Contrast control changes display text brightness - no spots or lines on the display	<input checked="" type="checkbox"/>	<input type="checkbox"/>
AC icon illuminates - battery icon turns off properly.	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Software Check Same Software? Other if applicable

IU Master	8.11.90	<input checked="" type="checkbox"/>	
IU Peripheral	4.04.00	<input checked="" type="checkbox"/>	
Pump Module(s)	2.08.00	<input checked="" type="checkbox"/>	

Event History		Error codes, if applicable	No errors
Checked Event History for Failure Codes			<input checked="" type="checkbox"/>
Record any observed that require repair			<input checked="" type="checkbox"/>
Time, Date, and battery install date correctly set			<input checked="" type="checkbox"/>

Battery Check	Maximum Values	Observed values
Lower battery current (A)	0,025	0,016
Battery life	2 ans	2 ans
# of Charge/Discharge Cycles	130	0
# Discharges below threshold	0	0
Last Battery install date		2024-08-16

Keypad and Panel Lockout Button Test	Pass	Fail
Each key pressed displays properly	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Panel Lockout button, when pressed, displays properly	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Voltage sensor data	Acceptable values		Observed Values
	Minimum	Maximum	
V-key (Vdc)	4,5	5,5	4,998
V-mas (Vdc)	4,5	5,5	5,024
Lithium battery (Vdc)	7	7,6	7,391
V-slv (Vdc)	4,5	5,5	5,069
Coarse voltage (Vdc)	13,3	14,2	13,79
Channel A Supply (Vdc)	12,581	15,204	13,888
Channel B Supply (Vdc)	12,581	15,204	N/A
Channel C Supply (Vdc)	12,581	15,204	N/A

Speaker and Backup Beeper test	Acceptable values		Observed value
	Minimum	Maximum	

V-audio (Vdc) 0.2 5.0 2,057

Alarm tone audible at lowest setting	<input checked="" type="checkbox"/>	Pass	<input type="checkbox"/>	Fail
Backup Beeper tone sounds	<input checked="" type="checkbox"/>	Pass	<input type="checkbox"/>	Fail

Volume delivery Accuracy

Channel	Rate	Volume	Time	Acceptable values		Observed value
				Minimum	Maximum	
Channel A	100mL/h	20mL	12min	19,1mL	20,9mL	19,7
Channel B						N/A
Channel C						N/A
Channel A	10mL/h	10mL	1h	9,5mL	10,4mL	9,9
Channel B						N/A
Channel C						N/A

Downstream Occlusion

Pressure test	Rate	Max time	Acceptable values (psi)		Time (s)	Channel A			Time (s)
			Minimum	Maximum		Pressure (psi)	Pressure (psi)	Pressure (psi)	
2 psi	20mL/h	8 min	0,72	3,92	9	0,79			
4 psi	100mL/h	30s	2,00	6,80	5	2,59			
8 psi	100mL/h	60s	4,96	11,58	11	4,99			
12 psi	100mL/h	75s	7,63	16,37	18	7,71			

Air In Line Test

Air in line sensor	Back Pressure	Acceptable values (pressure)			Channel A Pressure (psi)	Channel B Pressure (psi)	Channel C Pressure (psi)
		Minimum	Maximum	Pressure (psi)			
Fluid filled tubing	None	190	230	200			
Air filled tubing	14,5psi	-	238	221			
Alarm Occurs after you press Start	None	-	128	69	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

Upstream Occlusion Test

Channel	Max time to alarm	Observed time (s)
Channel A	30s	7
Channel B		N/A
Channel C		N/A

Tube Mismatch Sensor Check

	Pass	Fail
Channel A	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Channel B	<input type="checkbox"/>	<input type="checkbox"/>
Channel C	<input type="checkbox"/>	<input type="checkbox"/>
Mismatch alarm sounds and is clear		

Manual Tube Release Test

	Pass	Fail
Channel A	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Channel B	<input type="checkbox"/>	<input type="checkbox"/>
Channel C	<input type="checkbox"/>	<input type="checkbox"/>
Pop-up message is displayed		

Free Flow Check

	Pass	Fail
Channel A	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Channel B	<input type="checkbox"/>	<input type="checkbox"/>
Channel C	<input type="checkbox"/>	<input type="checkbox"/>
Administration set loaded		
Channel A	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Channel B	<input type="checkbox"/>	<input type="checkbox"/>
Channel C	<input type="checkbox"/>	<input type="checkbox"/>
Administration set unloaded		

Not applicable tests

- Nurse Call Relay Test
- Short Downstream Occlusion Pressure Test
- Pump Mechanism Sensor Check
- Functional Test
- Dielectric Voltage Withstand Test
- Configuration Transfer Test
- PHM to Pump Head Housing Alignment Test