

BAXTER COLLEAGUE CXE Checklist de PM

Technicien:

Olivier De Thomasis

Date:

2024-08-14

GMB:

21767 (801036)

S/N:

24051064DT

Type:

Simple

Personnalité:

RECH-RADIO ONC

Olivier De Thomasis

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	-0,357
Battery life		2 ans	21 mois
# of Charge/Discharge Cycles		130	0
# Discharges below threshold		0	0
Last Battery install date			2022-11-25

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	4,987
V-mas (Vdc)		4,5	5,5	5,035
Lithium battery (Vdc)		7	7,6	7,371
V-slv (Vdc)		4,5	5,5	5,047
Coarse voltage (Vdc)		13,3	14,2	13,607
Channel A Supply (Vdc)		12,581	15,204	13,824
Channel B Supply (Vdc)		12,581	15,204	
Channel C Supply (Vdc)		12,581	15,204	

Speaker and Backup Beeper test

V-audio (Vdc)	Acceptable values		Observed value
	Minimum	Maximum	
	0.2	5	2,277

Alarm tone audible at lowest setting Pass Fail

Backup Beeper tone sounds

Volume delivery Accuracy

Channel	Rate	Volume	Time	Acceptable values		Observed value
				Minimum	Maximum	
Channel A	100mL/h	20mL	12min	19,1mL	20,9mL	20,13
Channel B						
Channel C						
Channel A	10mL/h	10mL	1h	9.5mL	10.4mL	10,19
Channel B						
Channel C						

Downstream Occlusion

Pressure test	Rate	Max time	Acceptable values (psi)		Channel A Time (s)	Channel A Pressure (psi)	Channel B Pressure (psi)	Channel C Pressure (psi)	Chan Time (s)
			Minimum	Maximum					
2 psi	20mL/h	8 min	0,72	3,92	1 min 09	2,7			
4 psi	100mL/h	30s	2,00	6,80		24		4,7	
8 psi	100mL/h	60s	4,96	11,58		25		4,97	
12 psi	100mL/h	75s	6,96	17,84		35		7,27	

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			
Fluid filled tubing	None	190	230	207		
Air filled tubing	14,5psi	-	238	225		
Alarm Occurs after you press Start	None	-	128	71		

Upstream Occlusion Test		Max time to alarm	Observed time (s)
Channel A		30s	9,92
Channel B			
Channel C			

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

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

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

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