

**REFRIGERATOR QC & PM LOG – HELMER i-SERIES**

- St. Joseph Medical Center Tacoma, WA   
  St. Clare Hospital Lakewood, WA   
  St. Elizabeth Hospital Enumclaw, WA  
 St. Francis Hospital Federal Way, WA   
  St. Anthony Hospital Gig Harbor, WA   
  Highline Medical Center Burien, WA   
 PSC

Year \_\_\_\_\_ Facility/Fridge:   
 SJMC (iLR125)   
 SAH (iB111)   
 BioMed # \_\_\_\_\_  
 SJMC (iB120)   
 SFH (iB120)

**REQUIREMENTS:**

Facility	High Temp Alarm sounds before rising to	Low Temp Alarm sounds before falling to
<b>SJMC – Reagent Fridge</b>	<b>8.0C</b>	<b>2.0C</b>
<b>SAH, SFH, SJMC – Blood Fridges</b>	<b>6.0C</b>	<b>1.0C</b>
<i>Backup batteries must be replaced after 1 year.</i>		

**QUARTERLY PM:**

Task	1 <sup>st</sup> Quarter		2 <sup>nd</sup> Quarter		3 <sup>rd</sup> Quarter		4 <sup>th</sup> Quarter	
	Performed?		Performed?		Performed?		Performed?	
Clean	Y N		Y N		Y N		Y N	
Condenser grill	Y N		Y N		Y N		Y N	
Check	OK?	Replaced?	OK?	Replaced?	OK?	Replaced?	OK?	Replaced?
Backup battery for chart recorder	Y N	Y N	Y N	Y N	Y N	Y N	Y N	Y N
Backup battery of i.Center readout	Y N	Y N	Y N	Y N	Y N	Y N	Y N	Y N
Test	Activates?	Clears?	Activates?	Clears?	Activates?	Clears?	Activates?	Clears?
Power alarm failure	Y N	Y N	Y N	Y N	Y N	Y N	Y N	Y N
Door open alarm	Y N	Y N	Y N	Y N	Y N	Y N	Y N	Y N
No battery alarm	Y N	Y N	Y N	Y N	Y N	Y N	Y N	Y N
Tech ID								
Date								
Reviewed by								
Date								

Task	1 <sup>st</sup> Quarter		2 <sup>nd</sup> Quarter		3 <sup>rd</sup> Quarter		4 <sup>th</sup> Quarter	
	Temp Therm _____C	Temp digital _____C	Temp Therm _____C	Temp digital _____C	Temp Therm _____C	Temp digital _____C	Temp Therm _____C	Temp digital _____C
Check temperature calibration for i.Center monitor	Offset: _____C	Offset: _____C	Offset: _____C	Offset: _____C	Offset: _____C	Offset: _____C	Offset: _____C	Offset: _____C
	OK? Y N	OK? Y N	OK? Y N	OK? Y N	OK? Y N	OK? Y N	OK? Y N	OK? Y N
Readout recalibrated?	Y NA	Y NA	Y NA	Y NA	Y NA	Y NA	Y NA	Y NA
	Y NA	Y NA	Y NA	Y NA	Y NA	Y NA	Y NA	Y NA
Alarm Check *Method	*Automatic		*Automatic		*Manual		*Automatic	
High Temperature Activation Setpoint = 5.5C (SJMC only = 7.5C)	"High Test Alarm in Progress" visible? Y N		"High Test Alarm in Progress" visible? Y N		Alarms at _____C		"High Test Alarm in Progress" visible? Y N	
	Alarms at _____C		Alarms at _____C		Temp flashes? Y N		Alarms at _____C	
	Temp flashes? Y N		Temp flashes? Y N		Event added to log? Y N		Temp flashes? Y N	
Low Temperature Activation Setpoint = 1.5C (SJMC only = 2.5C)	"Low Test Alarm in Progress" visible? Y N		"Low Test Alarm in Progress" visible? Y N		Alarms at _____C		"Low Test Alarm in Progress" visible? Y N	
	Alarms at _____C		Alarms at _____C		Temp flashes? Y N		Alarms at _____C	
	Temp flashes? Y N		Temp flashes? Y N		Event added to log? Y N		Temp flashes? Y N	
Tech ID								
Date								
Reviewed by								
Date								

**ANNUAL PM:**

Examine and Clean Probe Bottles if Necessary			
Probe Bottles Dirty?	Probe Bottles Cleaned?	Tech ID	Date
Y N	Y NA		

Reviewed by \_\_\_\_\_ Date \_\_\_\_\_

**AS NEEDED PM**

Task	Date & Tech ID	Date & Tech ID	Date & Tech ID	Date & Tech ID
Check & Refill Probe bottle solution				
Check the light bulbs and replace them if necessary				
Clean Refrigerator Exterior				
Clean Refrigerator Interior				
Clean the Door Gaskets				
Calibrate the Chart Recorder				

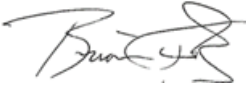


Reviewed by \_\_\_\_\_ Date \_\_\_\_\_

Corrective Action: \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

For Training

**RELATED DOCUMENTS**

M-W-TS-0929 Refrigerator QC & PM – Helmer i-Series

<b>DOCUMENT APPROVAL</b>		<b>Purpose of Document / Reason for Change:</b>	
To create a document for recording preventive maintenance and/or QC for the Helmer i-Series blood bank refrigerators.			
<input type="checkbox"/> No significant change to process in above revision. Per CAP, this revision does not require further Medical Director approval.			
<b>Committee Approval Date</b>		<input checked="" type="checkbox"/> Date: 10/22/2015 <input type="checkbox"/> N/A – revision of department-specific document which is used at only one facility	
<b>SAH Medical Director Approval (Electronic Signature)</b>	 1/13/2016	<b>SJMC Medical Director Approval (Electronic Signature)</b>	 1/11/16
<b>SFH Medical Director Approval (Electronic Signature)</b>	 1/13/16		

FOR PENDING