

<b>Checklist 5.2 Cascade</b>		
<b>Inspection Task</b>	<b>Rec. Corrective Actions</b>	<b>Frequency</b>
NOTE: By definition, cascade systems are two or more refrigeration systems. Hence, the appropriate number of checklists are to be selected (or assembled) and those actions undertaken.		
1. Check condenser fan, as appropriate.	Vacuum or clean as necessary.	Bi-annual
2. Check condenser filter, as appropriate.	Clean or replace as necessary.	Bi-annual
3. Check gasket for punctures or tears	Clean or replace as necessary.	Bi-annual
4. (Controls) Check control strategy for consistency with customer expectations.	Reprogram as required.	Annually
5. (Controls) Check function of transducers and temperature sensors for accuracy.	Calibrate or replace.	Annually
6. (Heat exchanger) Check for ice buildup on the heat exchanger.	Reinsulate if frost or ice is found.	Annually
Independent Notes: <ul style="list-style-type: none"> <li>• As appropriate, find other checklist for the system being worked on.</li> <li>• These systems are ultra-low temperature freezers, generally seen in laboratories.</li> <li>• Typical maintenance is for electrical components; generally, once the technician has to go into the system then it will be replaced.</li> </ul>		