



BY JOHNSON CONTROLS

YT CENTRIFUGAL  
**LIQUID CHILLER LOG SHEETS**

**...an Energy-Saving  
approach to your  
Service needs...**

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Form 160.55-MR1 (611)  
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MAINTENANCE REQUIREMENTS FOR YORK YT CHILLERS

Procedure	Daily	Weekly	Monthly	Yearly	Other
Record operating conditions (on Chiller Log Sheet)	X				
Check oil levels	X				
Check refrigerant levels		X			
Check oil return system operation			X		
Check operation of motor starter			X		
Check sump heater and thermostat operation			X		
Check three-phase voltage and current balance			X		
Verify proper operation/setting/calibration of safety controls <sup>1</sup>			X		
Verify condenser and evaporator water flows			X		
Leak check and repair leaks as needed <sup>1</sup>			X		
Check and tighten all electrical connections				X	
Megohm motor windings				X	
Replace oil filter and oil return filter/driers				X	
Clean or backflush heat exchanger (VSD, SSS Applications)				X	
Replace starter coolant (VSD, SSS Applications)				X	
Replace or clean starter air filters if applicable				X <sup>2</sup>	
Perform oil analysis on compressor lube oil <sup>1</sup>				X	
Perform refrigeration analysis <sup>1</sup>				X	
Perform vibration analysis				X	
Clean tubes				X <sup>2</sup>	
Perform Eddy current testing and inspect tubes					2-5 Years
Lubricate motor					Refer to motor manufacturer's recommendations

For operating and maintenance requirements listed above, refer to appropriate service literature, or contact your local Johnson Controls Service Office. A record of all procedures being successfully carried out (as well as operating logs) must be maintained on file by the equipment owner should proof of adequate maintenance be required at a later date for warranty validation purposes.

<sup>1</sup> This procedure must be performed at the specified time interval by an Industry Certified Technician who has been trained and qualified to work on this type of YORK equipment.

<sup>2</sup> More frequent service may be required depending on local operating conditions.



