

MAINTENANCE AND MONITORING PROGRAM

ECOSS STAINLESS STEEL EVAPORATIVE CONDENSER

The main objectives of the maintenance and monitoring program are to increase the useful life of the equipment and reduce failures and defects.

It is recommended that the maintenance and monitoring program is adequate to the equipment's operating conditions.

Maintenance and Monitoring Program ECOSS Evaporative Condenser							
Operation type	Operation	Start-up	Operation to be performed every period of				
			7 days	15 days	30 days	90 days	180 days
Verifications and adjustments	Reading of transport, assembly, operation, maintenance manual	X					X
	Verification of the water distribution in the upper module	X		X			
	Verification of the rotation direction of the water pump	X					X
	Verification of the water level of the tray and adjustment of the water float of the equipment	X	X				
	Verification of the installation of additional accessories	X					
	Adjustment of the GMM operating parameters	X					
Maintenance and Cleaning	Cleaning and sanitizing the water distribution system (sprinkler nozzles)				X		
	Cleaning and sanitizing the tray	X		X			
	Cleaning and sanitizing the side, bottom and top closings (fairings)						X
	Cleaning and sanitizing the drip eliminators				X		
	Cleaning of the equipment coils						X
	Lubricating the water pump motor(s) (according to the manual of the water pump manufacturer)				X		
	Cleaning of the cooler filters of the electrical panels				X		

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			Operation to be performed every period of				
Operation type	Operation	Start-up	7 days	15 days	30 days	90 days	180 days
Inspections	Cleaning of the propellers according to the manual of the fan manufacturer				X		
	Verification of the fans: Scales, rotation direction, conditions of the grids				X		
	Verification of the scale level of the water collector tray				X		
	Verification of the closings and sealing of the electrical panels and fans	X			X		
	Verification of the retightening of the electrical box(s) of the fan(s), cable glands and screws in general	X			X		
Control and Monitoring	Monitoring through GMM (when applicable)			X			
	Control of the chemical treatment according to the minimum analytical parameters required for water quality	X			X		
	Water purge control (automatic purge system)	X		X			
	Control of the scale level of the heat exchanger coils				X		
	Control of the current of the electrical motor(s) of the water recirculation pump(s)	X					
	Control of the fan current	X					
	Monitoring of the tray water temperature	X		X			
	Monitoring of the inlet and outlet temperature of the working fluid	X		X			
	Control and registration of the recommended maintenance and monitoring program	X					
Monitoring of the conditions of the sealing profiles of the side covers.					X		

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Important!

For more information, refer to our technical department.