

MAINTENANCE SCHEDULES FOR SIOUX STEAM FLO STEAM GENERATORS

TASK	DAILY	WEEKLY	MONTHLY	EVERY 3 MONTHS	EVERY 6 MONTHS	EVERY 12 MONTHS
Inspect end plates for discoloration		X				
Blow down the bottom of the vessel		X				
Blow down the water feeder drain valve and flush the site glass			X			
Clean garden hose strainer			X			
Clean strainer located in the water feeder - see parts breakdown in manual			X			
Check pressure relief valve for leakage			X			
Test relief valve			X			
Test the pressure switches				X		
Test low water level switches				X		
Delime and flush the vessel ***						X
Remove the end plates and inspect insulation/refractory for any degradation						X
While the end plates are removed inspect the combustion chamber and heat transfer tubes for soot, and clean if necessary						X
Burner: Oil fired						
Inspect fuel system for leaks, repair and tighten connections		X				
Drain water from fuel filter			X			
Test Genisys burner control +				X		
Inspect burner fan and coupling, clean and replace if damaged				X		
Adjust burner air bands if unit is smoking +				X		
Replace fuel filter					X	
Clean cad cell					X	
Replace filter					X	
Replace burner nozzle and check fuel pressure +						X
Inspect and adjust burner electrodes, clean and replace if cracked +						X
Inspect and clean combustion chamber and heat transfer tubes if there is a buildup of soot +						X
Burner: Gas fired						
Inspect gas lines for leaks, repair and tighten connections		X				
Test Honeywell burner control +				X		
Inspect burner fan and coupling, clean and replace if damaged				X		
Adjust burner air bands if unit is smoking, perform combustion analysis				X		
Clean UV Scanner					X	
Clean burner head ports, electrodes, and sensor probe +						X
Inspect and adjust burner electrode, clean and replace if cracked +						X
Inspect and clean combustion chamber and heat transfer tubes if there is a buildup of soot +						X
Inspect and adjust burner electrodes, clean and replace if cracked +						X

*** Scale build up will vary depending on mineral content of the water and the amount of usage. Deliming the vessel can range from monthly to yearly

+ Suggest service should be performed by an Authorized Service Technician

To perform these procedures, see the owners manual maintenance section.



Sioux Steam Flo are manufactured with the best available materials and quality craftsmanship. However, the owner/operator has certain responsibilities for the correct care and the longevity of this equipment. Attention to regular preventative maintenance procedures will assist in preserving this equipment. Contact your authorized distributor for maintenance. If operating under extreme conditions and environments the frequency of these suggested practices may need to be increased.