

## Required Inspection Schedule To Be Completed By Qualified Service Technician

Inspection Items			Date Completed			
			Year 1	Year 2	Year 3	Year *4
Piping	Near boiler piping	Check boiler and system piping for any sign of leakage, verify pipes are properly supported.				
	Vent	Check condition of all vent pipes and joints. Verify vent piping terminations are free of obstructions and blockages.				
	Safety Relief Valve	Follow safety relief valve manufacturer's instructions for maintenance and repair. Verify discharge pipe properly installed per IOM.				
System	Visual	Do full visual inspection of ALL system components.				
	Functional	Test all functions of the system (heat and safety)				
	Temperatures	Verify safe settings on boiler or anti-scald valve.				
Verify programmed temperature settings.						
Electrical	Connections	Check wire connection. Verify connections are tight.				
	Smoke and Co detector	Verify devices are installed and working properly. Change batteries if necessary.				
	Circuit Breakers	Check that circuit breaker is clearly labeled and operates correctly.				
Chamber/ Burner	Combustion Chamber	Check burner and combustion chamber. Clean following directions in maintenance section of IOM. Replace gaskets whenever checking combustion chamber.				
	Spark Electrode	Clean. Set gap according to IOM directions. Clean electrode with plumbers cloth to remove oxides.				
	Flame Sensor	Clean sensor.				
Condensate	Neutralizer	Check condensate neutralizer - replace if necessary.				
	Condensate pipe/trap	Disconnect condensate pipe. Clean out any dirt or accumulation. Fill with water level of outlet and reinstall. NOTE: verify flow of condensate, make sure hose is properly connected during final inspection.				
Gas	Pressure	Measure incoming gas pressure per IOM.				
	Pressure drop	Measure drop in pressure on light off verify with IOM.				
	Leaks	Check gas piping. Test for leaks and signs of aging. Make sure all pipes are properly supported.				
Combustion	CO/CO <sub>2</sub> Levels	Check CO and CO <sub>2</sub> level in exhaust. See Start-up Procedures for ranges. Record at high and low fire.				
Safety	All Sensors	Check continuity of all sensors. Replace if corroded. Verify all connections through ohms reading.				
Final Inspection	Check List	Verify you have completed entire check list.				
	Homeowner	Review findings and service with Homeowner.				

\* Continue inspections beyond 4th year. Maintenance should continue annually for the life of the boiler to ensure safe worry free operation.