



For your support.

Preventive maintenance for Land based Marioff HI-FOG® LPU systems

To ensure the safety of life and business continuity, it is important that your HI-FOG high-pressure water mist fire protection system is maintained by Marioff-certified service engineers on a regular basis. The program includes maintenance tasks as well as inspection and testing routines. When you keep up with the maintenance program, you secure the system's reliability during its lifetime.

A service agreement is the easiest way to keep your system performing. You can include all maintenance activities in the agreement which makes cost prediction easy.



Inspection and testing routines are performed on weekly, monthly and quarterly basis by customer's site operator or by Marioff-certified service engineers.



During maintenance, Marioff-certified service engineers inspect the condition and performance of your system, and change worn parts. **More extensive maintenance** is performed every five years.

Preventive maintenance for Land based Marioff HI-FOG Land Pump Unit (LPU) system

LPU SYSTEM		Semi-annual/ Annual	5 year – service	10 year – service
Pump unit				
Stand-by pressure system	Inspection, Test	X	X	X
High-pressure pumps	Oil change	2 year interval		
Pulsation damper	Inspection and refill Replace	X*	X	X
Pressure relief valve/ Safety valves	Test Replacement	X*	X	X
Stabilization valve	Test Overhaul	X	X	X
Filters	Inspection & cleaning Replacement	X*	X	X
Rubber hoses & flexible connections	Inspection Replacement	X*	X	X
Thermoplastic hoses	Inspection Replacement	X*	X	X
System operation	Critical operation tests	X		
Control cabinet	Test Batteries replacement	X	X	X
System event log	Analysis	X		
Water supply				
	Tank inspection & water supply test	X		
	Water quality test	X*		
	Tank cleaning & water replacement	3 year interval		
Section valves				
	Test Overhaul	X*	X	X
Other system components				
Piping	Inspection System flush	X* X*		
Sprinklers and spray heads	Inspection Test	X*	X	X
Release/Alarm panel	Test Batteries replacement	X	X	X

* included in annual maintenance only

5 and 10 year services include all tasks from the annual maintenance.

Customer's site operator should inspect the system weekly according to Operation and Maintenance Manuals.

Preventive maintenance is performed according to manufacturer recommendations, applicable approvals and standards.

Local authority regulations are taken into account when a customer specific inspection and maintenance program is created.



Marioff Corporation Oy
Äyritie 24
01511 Vantaa, Finland
+358 (0)10 6880 000
marioff.com

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