



For your support.

Preventive maintenance for Land based Marioff HI-FOG® GPU 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 Gas Pump Unit (GPU) system

GPU SYSTEM		Semi-annual/ annual	5 year – service	10 year – service
Pump unit				
Gas valves	Test Overhaul	X	X	X
Stand-by pressure system	Inspection, test Overhaul	X	X	X
Check valves	Test Replacement	X*	X	X
Safety valves	Inspection Replacement	X	X	X
Filters	Inspection Replacement	X*	X	X
Water and gas cylinders	Inspection Water replacement Cylinders replacement or re-certification	X X*	X X	X
Rubber hoses	Inspection Replacement	X*	X	X
Steel hoses	Inspection Replacement	X*	X	X
System operation	Critical operations test	X*	X	X
Water supply				
	Tank inspection	X		
	Water quality test	X*	X	
	Tank cleaning, water replacement	3 year interval		
Section valves				
	Inspection, test Overhaul	X	X	X
Other system components				
Piping	Inspection System flush	X X*	X	X
Sprinklers and spray heads	Inspection Test	X	X	X
Release panel	Test Batteries replacement	X	X	X

*Included on 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

Marioff reserves the right to revise and improve its products and recommended system configurations as it deems necessary without notification. The information contained herein is intended to describe the state of HI-FOG® products and system configurations at the time of its publication and may not reflect the product and or system configurations at all times in the future.

HI-FOG® and Marioff® are registered trademarks of Marioff Corporation Oy. Marioff is a part of Carrier, the leading global provider of healthy, safe, sustainable and intelligent building and cold chain solutions.

©2021 Carrier. All Rights Reserved. Ref. 1305B-EN



Your safety is our expertise.

