



Service Bulletin

Number 001/10

For Product	HI-FOG Sprinklers
Task	Maintaining the reliability of the sprinklers
Summary	Inspection of sprinklers' glass bulbs
Date	8 th of January 2010

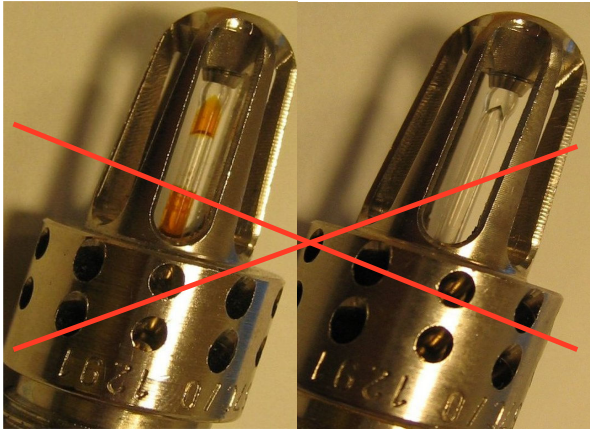
Description

A few incidents with sprinklers having empty or partially empty glass bulb have been brought to our attention. If the bulb is empty the sprinkler operation is endangered and it might not release.

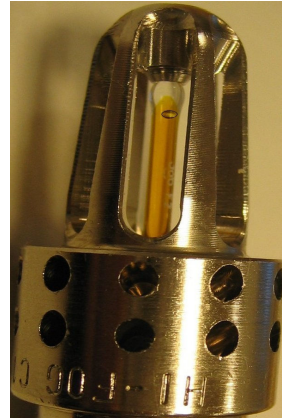
Service and Testing Instructions

See detailed instructions on page below

Empty glass bulbs may be caused by hits or blows on the sprinkler, either during installation or when in place. The glass bulbs are filled with a liquid expanding when heated, breaking the glass when the release temperature is reached. When the sprinkler receives a hit, micro-cracks may be introduced in the bulb resulting in the liquid slowly evaporating. It is thus recommended all sprinklers are inspected twice during the first year after installation (to ensure possible damages caused by installation are detected) and every five years thereafter, as a minimum. In areas, where the risk for external blows is higher (like luggage handling areas, gyms, play rooms etc.) the survey frequency is to be higher (recommendation minimum once a year). Damaged sprinklers are to be replaced a.s.a.p., although the HI-FOG® system has passed the disabled sprinkler test required by IMO [res. A.800\(19\)](#).



DAMAGED GLASS BULBS
Sprinklers to be replaced!



GLASS BULB OK
Note small bubble. It will be in the other end of the bulb when the sprinkler is installed in the ceiling.

Please contact Marioff's After Sales & Service Operations for additional information and spare sprinklers:

Marioff Corporation Oy / After Sales & Service Operations
PO Box 86
FIN-01301 Vantaa
FINLAND

Tel. +358-9-870 851
Fax. +358-9-870 85 373
e-mail: aftersales@marioff.fi



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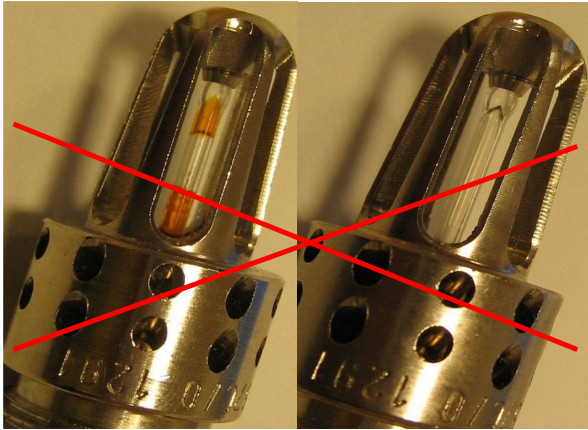
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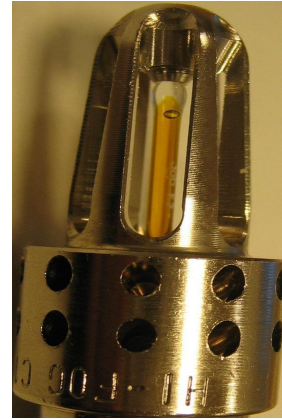
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