



Service Certificate K-0214784/01

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Replaces n/a
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Remote access & services on fire pump systems for sprinklers

STATEMENT BY KIWA

With this service certificate, issued in accordance with the Kiwa Regulations for Certification, Kiwa declares that legitimate confidence exists that the products supplied by

Unica Fire Safety B.V.

as specified in this product certificate and marked with the Kiwa[®]-mark in the manner as indicated in this product certificate may, on delivery, be relied upon to comply with the international Kiwa TIC - scheme **BRL-K21045** "Fire protection Systems" dated [02-03-2020] inclusive Specific Certification Program 07 for Remote access & services on fire pump systems for sprinklers.

Ron Scheepers
Kiwa

Publication of this certificate is allowed.

Advice: consult www.kiwa.nl in order to ensure that this certificate is still valid.

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Kiwa Nederland B.V.
Sij Winston Churchillaan 273
Postbus 70
2280 AB RIJSWIJK
The Netherlands
Tel. +31 88 998 44 00
info@kiwa.com
www.kiwa.nl
Office Zaltbommel
Dwarsweg 10
5301 KT Zaltbommel
The Netherlands
Tel. +31 88 9985100

Company
Unica Fire Safety B.V.
De Wel 15
3871 MT HOEVELAKEN
www.unica.nl

Certification process consists of initial and regular assessment of:

- quality system
- service

Remote access & services on fire pump systems for sprinklers

Technical Approval Service Certificate**General**

Fire Protection Systems like sprinkler- and watermist systems need a fire pump to generate adequate volume and pressure of water to fulfill their purpose.

The maintenance of these fire pump systems is performed historical on site of the sprinkler- watermist system.

A development process has occurred within the market to allow the 2-weekly tests of the sprinkler pump system to be executed remotely as much as possible.

This change process has the following reasons:

- The better deployment of qualified personnel, the availability of which is becoming increasingly challenging due to tightness on the labor market;
- Limiting, among other things, the emission of NOx and COx in order to contribute to a sustainable economy;
- Less disturbing of users on location for granting access and possible cooperation;
- Better execution of maintenance through automated maintenance processes without human error and better recording of the results.

The preconditions for this change process to allow to execute this remote process are:

- The verification of the events at the maintenance location(s) by means of a video and audio surveillance system by the remote maintainer;
- The connection and communication to the remote location where the executive maintainer performs its activities has a physical and logical adequate security level, applicable for Industrial Automation Control Systems (IACS);
- The application of extra (redundant) sensors in the fire pump systems, which provide reliable measurement and control information.

Field of application / scope

The functional and performance requirements for the service of remote access, monitoring and services of the fire pump systems of fire protection systems based on sprinkler- and watermist systems.

The scope B – Automatic Sprinkler systems – service.

Certification mark

After concluding a Kiwa certification agreement, the certified products shall be indelible marked with the certification mark as is detailed in this scheme.

**Maintenance marking by the supplier**

Maintenance of installations fulfilling the requirements shall be marked with a maintenance declaration of conformity according this certification scheme and applicable standards.