

# Conformity assessment for sprinklers

## Fast and expert conformity assessment for sprinklers with Kiwa FSS

Do you want to bring sprinklers to the European market? Then CE marking is mandatory. Conformity assessment for sprinklers is the essential first step in this process. Kiwa Fire Safety & Security guides you through the entire process, helping you complete it efficiently, reliably, and without unnecessary complexity.

## Fully tested in accordance with EN 12259-1

In our advanced test laboratory, we carry out sprinkler testing in accordance with the EN 12259-1 standard. With these tests, we support manufacturers in a crucial step towards CE marking.

Kiwa is accredited by the Dutch Accreditation Council (RvA) for all tests, with the exception of the Annex D Water Distribution Test. The RvA assesses whether laboratories comply with the requirements of NEN-EN-ISO/IEC 17025, the international standard for testing laboratories. This means that we meet the strict requirements applicable to accredited test laboratories. For more information, please refer to RvA scope L015.

## Our complete testing portfolio

We offer the full range of tests specified in the standard EN 12259 1 Fixed firefighting systems – Components for sprinkler and water spray systems – Part 1: Sprinklers.

- Annex B Test to determine operating temperatures of fusible link sprinklers and glass bulb sprinklers
- Annex C Water flow test
- Annex D Water distribution test  
[New in our portfolio](#)
- Annex E Functional test
- Annex F Strength of sprinkler body and deflector tests
- Annex G Strength of release elements test
- Annex H Leak resistance test
- Annex I Heat exposure (Apeldoorn)
- Annex J Glass bulb sprinkler thermal shock test
- Annex K Corrosion tests
- Annex L Sprinkler coatings assessment tests
- Annex M Water hammer test
- Annex N Thermal response tests
- Annex O Heat-resistance test
- Annex P Vibration test
- Annex Q Impact test
- Annex R Resistance to low temperature test

With all EN 12259-1 tests under one roof, Kiwa offers sprinkler manufacturers a fast, reliable and seamless route to sprinkler conformity assessment.

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## Who is it for?

For sprinkler manufacturers who want to bring their products to the European Union market and require conformity assessment for their sprinklers as part of the CE marking process.

## Part of your CE marking process

The test results can be used directly for certification in accordance with the TIC scheme K21045 Fire Protection Systems.

## All expertise brought together in one organization

At Kiwa FSS, you benefit from:

- A single point of contact for both testing and certification
- Short lead times
- Reliable planning
- An efficient and transparent process

## About us

Kiwa Fire Safety & Security (Kiwa FSS) is a leading TIC company for the Testing, Inspection and Certification of products, installations and organizations in the field of (fire) safety and security.

Our TIC activities contribute to quality, safety, health, reliability and sustainability. In addition, we provide training services from a fully independent, objective and integrity-driven position.

## More information and contact

Are you a sprinkler manufacturer looking to bring your products to the European market in full compliance with applicable regulations? Kiwa Fire Safety & Security is here to support you.

Get in touch with us today. Our specialists are happy to think along with you and guide you through the process.

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