

## Inspection Foam Extinguishing Protection - Foam Extinguishing System



**Foam extinguishing systems are mainly applied for protection of storage facilities containing hazardous goods. When using a foam extinguishing system, not only system requirements apply but also requirements to structural building elements.**

As an experienced partner in fire safety, Kiwa R2B applies a comprehensive approach to all relevant aspects of your foam extinguishing protection during a Foam Extinguishing System Inspection.

A foam extinguishing system is the most widely used fire protection system in storage facilities for flammable, toxic, caustic or other hazardous goods (as defined in the PGS 15 guideline). This could be either a small pesticides storage facility or large oil tanks on refineries. In addition to fire protection, safeguarding people and environment is an important objective of such systems.

Foam concentrate is added to fire extinguishing water. Systems are defined as a light, medium or heavy foam system depending on the type of foam concentrate.

### **Fire Compartment**

All spaces protected by a foam extinguishing system in a building structure shall be a fire compartment. Structural requirements apply to these spaces. Therefore, in addition to system operation Kiwa R2B also assesses structural details and organizational provisions associated with a foam extinguishing system during a Foam Extinguishing Protection Inspection.

In short: Kiwa R2B identifies and inspects all aspects essential for effective foam extinguishing system operation. Kiwa R2B inspections are based on both the CCV inspection schemes as compliance with standards. Kiwa R2B also conducts random inspections for certification bodies.

### **Why Kiwa R2B?**

Kiwa R2B is a leading Inspection Institution in the area of Fire Safety and Security (FSS), providing services with expertise, flexibility, customer-focus and innovative attitude. We conduct inspections and provide training maintaining our fully independent, unbiased and

**Kiwa N.V.**  
Sir Winston Churchill-laan 273  
2288 EA Rijswijk  
P.O. Box 70  
2280 AB Rijswijk  
info@kiwa.nl



fair position.

Kiwa R2B operates in a wide range of facilities, including health care, tunnels, logistical, industrial, (petro) chemical, data centres, airports, storage of hazardous goods and hotels.

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