

Inspection Gaseous Fire Extinguishing System



A gaseous fire extinguishing system is often used in areas where sprinkler system fire protection is not suitable, such as a server room. The main purpose of gaseous fire extinguishing protection is to prevent fire damage to computer and other equipment. Kiwa R2B inspects gaseous fire extinguishing systems based on the CCV inspection schemes and compliance with standards. In addition, we conduct random inspections for certification bodies.

Loss of computer systems is a serious threat to business continuity and therefore for your business operations. Sprinkler systems cannot protect such equipment against fire. Therefore, gaseous fire extinguishing systems are often used to warrant business continuity but also from an insurers perspective. A gaseous fire extinguishing system could also be installed in the context of the PGS 15 directive.

Gaseous fire extinguishing systems can use inert gases or chemical gaseous agents. A fire alarm system usually actuates a gaseous fire extinguishing system. It is important that gaseous fire extinguishing system and fire alarm system are specifically designed for the applicable fire risk and environmental factors.

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Gaseous fire extinguishing protection has a number of aspects that in coherence are conditional for reliable operation. Hence at Kiwa R2B we use our expertise to assess following aspects during inspections of gaseous fire extinguishing systems:

- Technical aspect: the gaseous fire extinguishing and fire alarm systems;
- Structural aspect: the fire resistance rating of the structural building elements, pressure relief provisions and air tightness of a room
- Organisational aspect: the system's lifespan, partly management and maintenance dependent

Why Kiwa R2B?

Kiwa R2B is a leading Inspection Institution in the area of Fire Safety and Security (FSS), providing services with expertise, flexibility,

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customer-focus and innovative attitude. We conduct inspections and provide training maintaining our fully independent, unbiased and 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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