

Inspection CO/LPG Detection System



Standard (operating) conditions in motor vehicles parkings and storage garages can create an unsafe environment for occupants due to exhaust fumes or leaks. Carbon monoxide (CO) and LPG detection is one of the measures that can contribute to a safe environment for occupants.

When compartments in motor vehicles parkings and storage garages are larger than 1,000 m², and therefore do not comply with Bouwbesluit regulations, a CO/LPG detection system according to NEN 2443 is most likely mandatory in most municipalities. A CO/LPG detection system is first in a series of technical measures to protect occupants and environment. This because it actuates evacuation alarm systems, longitudinal ventilation and impulse ventilation systems, pressurisation systems and external alarm reporting to a (fire brigade and/or private) alarm centre.

Regulations and unambiguous basic assumptions for CO/LPG detection systems and associated system components are largely not available for these protection systems. It is therefore important to have parties involved with sufficient knowledge about these systems. Kiwa R2B is your expert partner for NEN 2443 CO/LPG detection systems and associated systems.

Kiwa R2B reviews the CO/LPG detection system's basic assumptions and design data to assess its protection objective. We also conduct inspections to determine whether systems installed including their maintenance and management comply with standards and required effectiveness.

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 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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