

The combustible gas detection and alarm system is the same as the electrical fire monitoring and control system, which is an independent subsystem of the automatic fire alarm system.

The combustible gas detection and alarm system shall be composed of combustible gas alarm controller, combustible gas detector and fire acousto-optic alarm.

When the combustible gas detector in the protected area alarms, the gas alarm controller will send out an alarm signal to warn relevant personnel to take necessary disposal. It can also be linked to the field audible and visual alarm, exhaust fan, pipeline solenoid valve and other equipment.

The combustible gas detector shall not be connected to the detector loop of the fire alarm controller.

When the alarm signal of combustible gas needs to be connected to the automatic fire alarm system, it should be connected to the combustible gas alarm controller first, and then connect to the automatic fire alarm system.



The alarm information and fault information of the combustible gas alarm controller shall be displayed on the graphic display device of the fire control room or on the centrally controlled fire alarm controller.

However, the display of such information should be different from that of fire alarm information.

The combustible gas alarm controller shall be able to activate the sound and light fire alarm in the protected area when it sends out the alarm signal.

The sound and light alarm can be controlled by a combustible gas controller or a fire alarm controller.

When there are linkage and alarm requirements in the protected area of the combustible gas detection and alarm system, there should be linkage of the combustible gas alarm controller or fire linkage controller.

When there is a fire control room, the combustible gas alarm controller may be located near the protected area.

Relevant signals should be transmitted to the fire control center.

When there is no fire control room, the combustible gas alarm controller shall be installed in the place with people on duty.



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