

货舱抽烟探测系统

Cargo Hold Smoke Detection System

工作原理

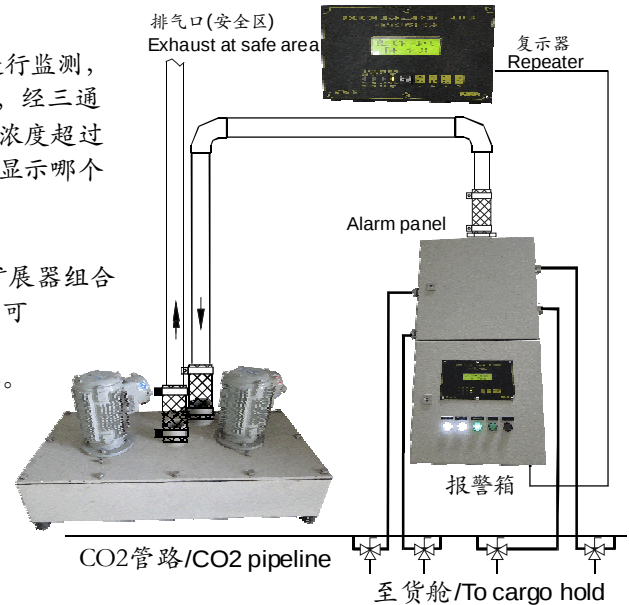
根据SOLAS规范要求对货船的货舱失火进行监测，当某货舱失火时，产生的烟雾由CO2施放管路，经三通转换阀组，由风机抽至主机报警单元，当烟雾浓度超过规定值后，系统报警并反馈至驾驶室复示板，显示哪个舱失火，提醒值班人员迅速处理。

系统组成

- ⊗ 一个烟雾报警主机, 或一个报警主机和一个扩展器组合
- ⊗ 一个或多个复示器, 安装在驾驶室等处所, 可远程显示火灾报警及故障报警
- ⊗ 一个风机单元, 用于从货舱内抽取空气样品。

技术参数

- ⊗ 电源: 主电源AC220V/230V 50Hz/60Hz
- ⊗ 备用电源: AC220V/230V 50Hz/60Hz
- ⊗ 探测路数: 4, 6, 或8路
- ⊗ 防护等级: IP44
- ⊗ 工作温度: 0~+55℃



Working Principle

According the requirement of SOLAS, the cargo should be equipped with a system to monitor possible in cargo hold. When the cargo hold fire, the fan unit aspirate the generated smoke to main alarm panel through CO2 pipeline and complex cross valve. When smoke concentration exceeds the set value, main alarm panel emit a alarm and send the alarm to repeater unit in navigation room for reminding staff on duty to promptly deal with.

System Composition

- ⊗ A main alarm panel, or a main alarm panel with extension panel
- ⊗ One or more repeater unit, installed in navigation room or others, for remotely display and alarm
- ⊗ A fan unit for aspirating sampler from cargo hold.

Tech. Spec.

- ⊗ Power: AC220V/230V 50Hz/60Hz(Main power);AC220V/230V 50Hz/60Hz(Backup)
- ⊗ Monitored channel: 4, 6 or 8
- ⊗ Protection class: IP44
- ⊗ Working temp.: 0~+55℃