

PFEER/UKOOA Regulations Technical Engineering References for Instrument and Fire & Gas Design Engineers

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[PFEER regulations \(1995\) – for offshore installations for the Prevention of Fire and Explosion and Emergency Response](#). They came into force 20th June 1995. They are law in the UK. In summary these regulations state the person or company responsible for an installation is also responsible for protecting persons on the installation from fire and explosion and securing effective emergency response. This implies many requirements, one of them being that a suitable means of informing people on the installation of certain alarm states (with sounders and or speech / PA systems, beacons may also be required to supplement the audible signals). There must be provision for three types of alarm on the installation / platform,

1. Prepare for evacuation of installation / platform
2. Toxic gas - (also where necessary red beacon / strobe)
3. Other cases for alarm (Fire) (also where necessary yellow beacon / strobe)

From e2S

[Fire and Explosion Guidance Part 0: Fire and Explosion Hazard Management](#) - The updated Fire and Explosion Guidance has been prepared to encourage an integrated approach to the management of Fires and Explosions. As such, it complements the Safety Case and should help those persons with responsibilities for the safe design, construction and operation of installations to manage fire and explosion hazards- from [Logical Software](#).

[Fire and Explosion Guidance Part 1: Avoidance and Mitigation of Explosions](#) - The primary objective of this document is to offer guidance on practices and methodologies which can lead to a reduction in risk to life, the environment and the integrity of offshore facilities exposed to the explosion hazards - from [Logical Software](#).

[Fire and Explosion Guidance Part 2: Avoidance and Mitigation of Fires](#) - The primary objective of this document is to offer guidance on practices and methodologies which can lead to a reduction in risk to life, the environment and the integrity of offshore facilities exposed to fire hazards - from [Logical Software](#).