Abstract

Control Rooms are a critical part of any oil and gas facility because they contain all basic control and safety systems required for operation of the plant in a safe and effective manner. These buildings require special fire protection considerations in order to avoid hazards that can cause shutdown of the facility. Several options for fire protection will be analyzed, such as fire extinguishers, smoke detection, and suppression systems based on building layout, response time, personnel availability and resources. A case study for the control room installed inside an LNG plant is described.