

A Review on Gas Leakage Detection and Alert System

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Abstract: Gas leakage is a serious concern with regard to safety; it may cause severe accidents such as explosions, injury, and property damage. A number of studies are carried out on the detection and mitigation of gas leakage risks by using modern technology. Such systems are capable of giving early warnings using features such as real-time alerts, audible alarms, and visual indicators. The most recent designs are automated systems designed to control gas flow during emergencies and integrate smart technology to monitor continuously. They are safer because they quickly respond, reduce the risk of accidents, and offer the user with reliable solutions suited for residential and industrial application

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