

GAS LEAKAGE DETECTION AND MONITORING SYSTEM FOR INDUSTRIES

Gas leakage is the main problem of the industrial sector, residential areas and gas-powered vehicles such as CNG (Compressed Natural Gas) buses and cars. Gas Leakage fires took an increasing toll on lives and property in recent years. Most Gases used for industrial activities are highly inflammable and may even catch fire from the source of the leak. The leakage of gases only can be detected by human nearby and if there are no human nearby, it cannot be detected. But sometimes it cannot be detected by human who has a low sense of smell. Therefore, in such cases Industries are in need of a Gas Leakage Detection System for gas leakage identification and to perform certain measures in order to reduce the impact incase of any fire and to alert people/workers about the gas leakage.