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GAS LEAKAGE MONITORING AND ALERTING SYSTEM FOR INDUSTRIES USING IOT

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If the LPG sensor senses gas leak from industry, sensor output goes to active low and it is overlooked by Arduino UNO and gasleakage is noticed.

SHIYAMSUNDAR.R:

If the gases can be leaked in industries or home, then it will detectby using gas sensor after that it gives alert sound to the people by using buzzer.

THAVAMALAR.S:

We can propose to build the system using a MQS gas detection sensor and interface it with Atmega 328 microcontroller alongwith an LCD Display.

VEERENDRANATH.G:

We can read gas leakage in industries at a time we can measure and upload it to a ThingSpeak cloud using FPGA and ESP8276 module.

By colloborating the ideas of the team members, we have proposed a solution to the problem.

- The gas leakage monitoring system consists of Gas sensor,

Buzzer, Arduino UNO, bread board and connecting wires.

- The leakage gas can be detected by using the gas sensor.
- It gives the alert sound when recognizing the leakage.

- So that people can alert and huge exploitation can be avoided.