

PROJECT OBJECTIVES

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Team ID	PNT2022TMID36136
Project Name	GAS LEAKAGE MONITORING AND ALERTING SYSTEM FOR INDUSTRIES
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OBJECTIVE:

- The tool is designed **to detect gas leaks that are then legible on the LCD screen and alarm**, and in certain circumstances, the buzzer will sound.
- This MQ-6 sensor test is performed by measuring the sensor output with the Atmega8 microcontroller when the LPG gas is detected and then writes it on the LCD screen.
- It **effectively detects the presence of hazardous gases like propane and methane and alerts the plant authorities, preventing the premises from unexpected ignition.**
- Moreover, a gas monitoring solution uses gas analyzers to generate alerts regarding the temperature increase.
- Gas detectors measure the level of different gases within the air, and are used **to prevent anyone from being exposed to toxic gases that could poison or kill.**

