

PROBLEM STATEMENT

To identify and manage the gas leakage by detecting the toxic gas concentration and alerting the person to be get saved and reduce the gas leakage accidents. The high concentration of toxic gas from leakage can affect Central Nervous System and leads to several diseases who are working in industries.

Who does the problem affect?	The people who are working in the industries and factories of all generations are affected.
What are the boundaries of the problem?	Leakage diffusion characteristics and harmful boundary analysis of buried natural gas pipeline under multiple working conditions. Less accuracy, particular gas sensors and some instruments issues.
What is the issue?	These leaks can lead to physical symptoms and, in some cases, the gas can cause carbon monoxide poisoning in people and animals.
When does the issue occur?	When the concentration of toxic gases increases in the human body breathing difficulties such as dizziness, fatigue and irritation of eyes and throat.
Where is the issue occurring?	The gas leakage occurs mainly in factories and industries. This is due to any cracks occurring in gas storage and leads to accidents. It affects the whole body especially the respiratory system and the central nervous system. It even leads to death

Why is it important that we fix the problem?	Gas leak detection services are necessary mainly for health reasons. Combustible gases can start fires or cause explosions in homes and workplaces, injuring you, family members, friends, or workers. Gas leaks can also cause health issues in the long term from gradual exposure. Some gas leaks are even silent killers.
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