

PROBLEM STATEMENT

Hazardous Area Monitoring for Industrial Plant powered by IoT

Problems:

People working in power plant often get affected by Heat due to which the boiler reaches higher Temperatures and result in a blast.

Some times in thermal power plants due to burning of coal there will be a release in harmful gas and highly flammables gases which again result in health problems and burst in power plant respectively.

Questions:

1. Who does the problem statement affect?

The problem affect the entire people working in the power plant physically and by loss in infrastructure.

2. What are the boundaries of the problems?

If the problems occurs there will be a very big loss in human life and there will a very big problem in infrastructure and buildings and people working there might lose their job. So that their living we be affected.

3. what happens when the issue is fixed?

There will be no threat to human lives, workers can work in peace and have the idea of where to concentrate during their work and identify the problem immediately and rectify it accordingly.

4. When does this issue occurs?

This occurs when there is a rapid increase in the temperature of the industrial areas and leakage of harmful gases.

5. How can these probles can be fixed ?

These problems can be fixed by continuously monitoring the temperature and gas and pressure inside the industrial area and the must be continuously monitored through applications.