Ideation Phase

Define the Problem Statements

|  |  |
| --- | --- |
| Date | 14 October 2022 |
| Team ID | PNT2022MID14999 |
| Project Name | Hazardous Area Monitoring for Industrial Plant powered by IoT |
| Maximum Marks | 2 Marks |
|  |  |

**Problem Statement :-**

Generally in industrial plants there are some areas which are to be monitored time to time. Sometimes the conditions may become critical which may leads to loss of life and property.

Here in industrial plants EXPLOSION and FIRE are the two major constituents of these mishaps. Depending up on the environment these can be termed as ACCIDENTS or NEAR MISSES.

Here FIRE means a rapid oxidation reduction reaction which results in the production of heat and generally visible light

And EXPLOSION is a violent and sudden expansion of gasses produced by rapid combustion then strong forces when shunt in small space and create a loud sound sharp noise and shock waves.

EXAMPLE:-

