

INTEGRATED FIRE FIGHTING ALERT AND RESCUE SYSTEM IN A FACTORY (FOR INDUSTRIAL USE)

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ABSTRACT

The 'Integrated Fire Fighting Alert and Rescue System in a Factory (For Industrial Use)' is used to apply in a factory, enhancing the alert and rescue system in a factory. Basically this text describes how to construct the system using simple circuit combination but with effective outcome. Besides that, it also mentions about the components needed to construct the system with guidance of circuit diagram and shown how the system works. A block diagram is provided to illustrate the system being trigger from one level to another level using switches and ICs.

Researches on the circuit were mad and many tests were conducted to confirm the functionally of the whole system. The construction and the design of the LED light path are mentioned and the reason of the way in building is stated too. Smoke Detector could be considered as the main switch for the entire system because it is the initial point where the system starts. Furthermore, it explains how the smoke detector detects the smoke particle and triggers the alarm and so on.

This report is worth reading if reader intended to know more about efficient fire alert system in factory.