

Abstract

Title : Safety Management in the Construction of Industrial Building
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At present, the construction for the industrial building normally concern not just only the quality and the on time scheduled completion but also the focus on safety work controls. The safety problems generally occur from lacking on the safety management. It also found that the problem is often hazardous work or unsafe work on the cause of the accident. The objective of this study is to investigate the problems, causes and impacts in the safety of the industrial plant construction. It is also to determine the approaches to solve and prevent the problems, to set an accident prevention plan and to improve efficient construction safety.

This study gathered statistically the unsafe occurring in construction site of industrial buildings. The search activity and hazard assessment are used to classify the different types of unsafe, namely the Check Completely Find Out (CCCF). After that, the highest problem is selected to determine for priority safety guide lines.

After the study, it can be found that the causes of accidents or danger are from the electricity. Therefore the accident prevention plan as implementing safety guidelines, the numbers of harmful events can be reduced from 46times in previous five months before the study to only 22 events on four months later.