

A Review of Process Safety Management for Small and Medium Business in Malaysia

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Abstract : In particular, for small and medium enterprises (SMBs) in Malaysia, process safety management (PSM) is a crucial component of industrial safety. Limited resources, a lack of technical know-how, and linguistic and cultural obstacles are just a few of the difficulties SMBs in Malaysia encounter while putting PSM programmes into practice. A number of studies have emphasised the significance of leadership commitment, hazard identification and assessment, and employee involvement in the execution of effective PSM programmes, which are crucial for preventing accidents and incidents. In the literature, there has been a lot of discussion on the creation of specialised PSM frameworks for SMBs in Malaysia. Several studies have proposed implementation frameworks for PSM programmes that are based on recognised worldwide standards. Despite the significance of PSM in ensuring industrial safety, there are still a number of gaps in the literature on PSM in Malaysian SMBs. These gaps include the need for additional research on the efficiency of PSM programmes in reducing accidents and incidents in SMBs as well as the development of more specialised approaches to implementing PSM programmes in SMBs with limited resources and technical expertise. The goal of this review is to give a thorough overview of the body of research on PSM in Malaysian SMBs while highlighting important findings, points of contention, and knowledge gaps that need to be filled in.

Keywords : process safety management, occupational safety and health (OSH), small businesses, medium businesses, malaysia

Conference Title : ICOSHW 2023 : International Conference on Occupational Safety and Health at Work

Conference Location : Kuala Lumpur, Malaysia

Conference Dates : December 04-05, 2023