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# SAFETY MANAGEMENT SYSTEMS IMPLEMENTATION: A STUDY UTILIZING THE GROUNDED THEORY ANALYSIS

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## ABSTRACT

*The objectives of the study were to investigate the issues surrounding the successful and satisfactory delivery of Safety Management Systems (SMS) solely from Malaysian contractors' perspective and to develop a theory related to the reasons for those issues. An inductive approach is used for a study on investigation of Safety Management Systems (SMS) implementation among Malaysian contractors in processing plants. The approach aims at identifying the problems encountered by contractors and sought to develop a theory, to gauge the issues from contractors' perspective and how these issues appear and affect the outcomes of SMS implementation. The issue and underlying problems of SMS implementation were analyzed through in depth semi-structured interviews with 13 respondents. An adapted Grounded Theory analysis, following the original Glaser and Strauss (1967) philosophy, was used to analyze the data extracted from the interviews. Through the use of Grounded Theory approach, the root causes of issues and underlying problems of SMS implementation among Malaysian contractors was uncovered. Subsequently, a theory of problems encountered by contractors was developed.*

**KEYWORDS:** *grounded theory analysis; in-depth semi-structured interview; inductive approach; theory development*