

Somyod Sohayong 2009: Influenced Factors when Implementing TIS 18001:2542 in the Industry. Master of Engineering (Safety Engineering), Major Field: Safety Engineering, Interdisciplinary Graduate Program. Thesis Advisor: Associate Professor Prapaisri Sudasna-na-Ayudhya, Ph.D. 286 pages.

The research objective is to study on the influenced factors when implementing TIS 18001:2542 in the industry. The method of this research was to construct the questionnaires and The survey. consisted of data collection from two groups: the system management group and the system working group. System management focused on factors such as organization size, working staff and their attitudes, budgets, organization policy and organization management system implementation method focused on factors of management support, i.e. internal communication system, internal audit and system planning. The questionnaires were sent to a sample of 120 of private and public organizations, and government enterprises which had been guaranteed for qualified the standard of Health and Safety management in Thailand.

The data were analyzed at 95 % confidence level. The results indicated that factors such as organization size and factor of implementation and attitude gave the most impact on the application of TIS 18001:2542 system from total factors, only in system management from the total test hypotheses.

Student's signature

Thesis Advisor's signature

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