

Tawatchai Matlee, Acting SubLt. 2012: Study, Design and Development of a Computer Program for Safety Laws Evaluation. Master of Engineering (Safety Engineering), Major Field: Safety Engineering, Faculty of Engineering.

Thesis Advisor: Associate Professor Saeree Svetasreni, D.Eng. 153 pages.

According to many laws relating to Safety, Occupational Health and Work Environment, this brought to difficulty and inconvenient in accessing and implement the law. The objective of this study was to analyze, design and develop a program which evaluates safety laws. The relevant laws were analyzed by their structure and components. They were then classified and organized. The Safety Laws Evaluation System (SLES) database was carefully designed to collect all the relevant data.

The SLES program was also developed to work with the above database. By this program, the new law can be added into the database. They can be edited, updated or deleted accordingly. The program can be used as a tool to indicate, follow up and evaluate the compliance of safety, occupational health and work environment against the laws. The availability of this program can help the company in following the Thai Industrial Standards in occupational health and safety management system: following the requirement series TIS.18001-2554.

---

Student's signature

---

Thesis Advisor's signature