

Ruthairat Khamprommee 2014: A Study of Supervisor's Visible Safety Leadership Affecting Safety Behavior Change in Employee: A Case Study in Pulp and Paper Industries. Master of Engineering (Safety Engineering), Major Field: Safety Engineering, Faculty of Engineering. Thesis Advisor: Associate Professor Peerayuth Charnsethikul, Ph.D. 75 pages.

This thesis focuses on the visible safety leadership of supervisors, the main objectives are (1) to examine the effectiveness of Behavior Based Safety: Visible Safety Leadership (VSL) tool can be manipulated in order to create the safety leadership for frontline supervisors (2) to study attitude of employee about the confidence in their supervisor's safety leadership (3) to study the qualification of supervisor which effect to employee's attitude and perception on the level of safety leadership in their supervisor (4) to study the relationship between the organization safety practice and attitude of employee that effect to their confidence in company safety management system effectiveness.

The author's use of interviewing data from employees. Results of the study show that the safety leadership of supervisor can contribute to change the safety behavior of their subordinates. The collection and analysis of data, subordinate employees can be motivated an recognition of visual safety leadership of supervisors from the project of safety culture building by eliminating risky behavior with the five principles of Behavior Based Safety: Visible Safety Leadership (VSL) are used to communicate and contribute the collaboration on safety activities among employees at supervisors. The results of the Chi Square testing show that the opinion on supervisor's safety leadership of employees with different types of work group are not difference.

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Thesis Advisor's signature