

Thesis Title The Integration of Primary Health Care
Approach and Factory Management to
Change the Workers' Health Behaviors
in Prevention of Work-related Diseases
Case Study : Noise-Induced Hearing Loss
and Accident

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Date of Graduation 8 April B.E. 2536 (1993)

Abstract

This research aims to study the effectiveness of the integration of primary health care approach with factory management in changing knowledge, attitude and health behavior of workers particularly with regard to self - prevention from noise - induced hearing loss and accidents in the workplace. The samples are workers in the packing department of the Whiskey manufacturing in Nakornprathom province. All workers have had at least six months of work experience. Data were collected twice. In the pre-test, question-naires were distributed to measure and assess the workers's knowledge, attitude and

behavior in preventing themselves from hearing loss and accidents in a workplace. Meanwhile, an environment survey is carried out in the packaging department. This is followed by a three-month long experiment in which the integration of Primary health care approach and factory management is implemented. Then, in the post-test, the same set of questionnaires and environment survey forms were distributed to reassess the experiment result.

The research result turned out that in the post-test sampled workers scored higher and statistically significant ($p\text{-value} < 0.001$) in their knowledge about hazard from exposure to loud noise and about accident in the workplace, compared to the pre-test. They also scored higher and statistically significant in attitude about their score is also higher and statistically significant in practice to prevent themselves from noise-induced hearing loss and accident.

These results indicate that the integration of primary health care approach and factory management is a means to help workers to learn to take care of themselves and to prevent themselves from noise-induced hearing loss and accident. It is recommended that this integrated approach be introduced to all workers so that they can change their attitudes accordingly and can develop their skills to the most benefit.