

Thesis Title The Adoption of Protective Hearing
Devices for Textile Industry Workers :
A Case Study in Krathum Baen District
Samut Sakhon Province.

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ABSTRACT

The purpose of the study was to investigate the adoption of using protective hearing devices and their relationship with personal and psycho - social variables. The sample, interviewed by questionnaires, consisted of 200 textile industry workers in Krathum Baen District, Samut Sakhon Province. The questionnaires were divided into two parts : The first part regarding general information concerning the respondents and the second part concerning the adoption of using protective hearing devices. The data were analyzed by using the SPSS^x programme. Percentage frequencies were computed and One - Way ANOVA was employed to determine differences among groups.

The results of this study are summarized as follows:

The adoption of protective hearing devices for textile industry workers was of a high level. Education attainment was significantly related to the adoption of such devices ($p < 0.001$) Those who were well informed and knowledgeable as well as those who had the longest working hours per day were more likely to use protective hearing devices ($p < 0.01$)

One of the problems encountered by 65 % of the reponse was the fear of ridicule from friends who would see them wearing the protective hearing devices. Also, 63 % felt that it was their personal right to choose whether or not to wear the protective hearing devices.

It is therefore suggested that the government offices concerned with the occupational safety of these workers such as Industrial Environmental Division, Department of Industrial Works, Ministry of Industry Occupational Health Division, Department of Health Ministry of Public Health, promote the use of protective hearing devieces and make it compulsory for all workers to use while on duty. Lastly, the government offices concerned must cooperate with the private sector to develop better quality protective hearing devices's.