

경북지역 제조업체 직업성 근골격계질환 관련  
실태조사 및 개선 방향

(The state of work-related musculoskeletal disorders around  
the Gyeongbuk area and its countermeasures)

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ABSTRACT

In this thesis, it is investigated the current state of work-related musculoskeletal disorders (WMSDs), which is one of the major problems in occupational safety and health management. A survey was conducted for safety personnel serve in the enterprises located at two cities in Gyungbuk area, Gumi and Pohang where the major industrial complex reside. The goal of the thesis is to identify whether the category and size of the enterprise affect the sort of hazard factors, occurrence rate of WMSDs, and existence of exclusive duty safety personnel. The results from the survey indicate that there are significant differences in the level of recognition and counteracts for WMSDs among the enterprises subject to their categories and sizes. On the basis of these results, it is considered a more efficient way of spreading proper ergonomic knowledge and skills to the industries, that are coincided with the circumstances of the individual enterprises.

*Keywords* : musculoskeletal disorders, questionnaire, occupational illness, industrial safety