

Discussion on Laboratory Accidents and Safety & Hygiene Acknowledgement of Chemical Instructors

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Abstract

The purpose of this research was to investigate the degree of acknowledgement or the safety and hygiene knowledge of the instructors who taught chemically laboratory courses, and to understand the nature of laboratory accidents occurred in the past years. The result showed that most teachers possessed adequate safety and hygiene knowledge, and were able to incorporate the knowledge to laboratory teaching courses. However, the result also indicated that the teachers knowledge on the choice, use and maintenance of the personal protection equipments need to be improved. During the course of this study, 40.5% of the laboratories experienced accidents including cut wound (32.4%), burned wound (24.3%) and alcohol induced fire (16.2%). Therefore, Enhancing the laboratory teachers' knowledge on the personal protection equipments in order to prevent laboratory accidents is the most important and timely task.

Keywords : Laboratory, Safety and Hygiene, Accident

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