

**0293 SAFETY MANAGEMENT SYSTEM IN UNIVERSITY:
CASE STUDY KMUTT, THAILAND**

S Chaisawadi*, S Suwanyuen *Correspondence: Energy Environment Safety and Health Office, King Mongkut's University of Technology Thonburi, 126 Prachauthit Road, Bangmod, Thungkru, Bangkok, 10140, Thailand*

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To maintain safety for all students and staff in the university, King Mongkuts University of Technology Thonburi (KMUTT) is committed to the proper management of safety and provides safety management service through the Energy Environment Safety and Health Office. Safety management system has been developed according to standard practice and focused on laboratory and workshop safety including chemical and biological safety; electrical safety and mechanical safety. Safety policy has been issued by university president since March 2004. Training and preparation on the developed safety management system have been given to all students and staff who work in laboratories and workshops. Risk assessment has been evaluated in all laboratories and workshops once a year. Proper safety equipments and personal protective equipment have been provided for students and staff. Safety training for applying safety test and safety card has been implemented for all who worked in laboratories and workshops. The system procedures and manuals for laboratory safety have been developed and implemented for all laboratories and workshops for 5 years (June 2004 to June 2009). The results showed 6997 students and staff attended the safety training and applied safety test for safety card. The accidental reports also showed 60% decrease. The system evaluation has been done on the fifth year of system implementation. The results showed the implementation requires the cooperation and support from students, faculties and staff members. Therefore, it is quite ready to expand this management system to other universities and other sectors in Thailand in a near future. As results of

this study, the developed safety management system within KMUTT can help to decrease the chemical; biological, electrical and mechanical accidents and health impacts and maintain a sustainable management to all staffs and public.