



Communication strategy for supporting occupational health and safety management systems of



Thailand Institute of Nuclear Technology

C. Dararutana¹, N. Chanhom², Y. Sriauthai³, P. Rintarak¹, S. Polthum¹, N. Changkid¹, W. Vechgama⁴

¹Nuclear Safety Section, General Affair Division, Thailand Institute of Nuclear Technology (Public Organization), Nakhon Nayok, Thailand

²Radioisotope Quality Assurance Section, Radioisotope Center, Thailand Institute of Nuclear Technology (Public Organization), Bangkok, Thailand

³Quality Assurance Section, Corporate Strategy Division, Thailand Institute of Nuclear Technology (Public Organization), Nakhon Nayok, Thailand

⁴Environmental Technology Section, Nuclear Technology Research and Development Center, Thailand Institute of Nuclear Technology (Public Organization), Bangkok, Thailand

chotika@tint.or.th

Abstract

Thailand Institute of Nuclear Technology (TINT) has purposed policy for the certification of ISO 45001:2018 Occupational Health and Safety Management. To obtain certification, TINT must comply with the requirements of the standard system. One of the key requirements is the effective communication issue. Therefore, the Nuclear Safety Section had created the procedure on communications and employee engagement of TINT. This procedure has been prepared to ensure that stakeholders who participate in the occupational health and safety management system will receive the correct/needed information. After implemented this procedure, the results of the first internal audit in 2021 showed that the auditees were able to answer questions about critical occupational health and safety information. This demonstrates that the communication process was effective and appropriate to the context of TINT well.

1. Introduction

TINT is an organization that provides nuclear and radiation technologies through research and development and industrial services of Thailand. TINT focuses on the safety and welfare of nuclear workers and the other people who use its nuclear technologies and services as the first priority.

Since 2019, the Safety subcommittees of TINT has purposed policy for the certification of ISO 45001:2018 Occupational Health and Safety Management Systems as the primary objective for demonstrating its commitment to conduct any nuclear activities safely in order to build public confidence. To obtain certification, TINT must comply with the requirements of the standard system. One of the key requirements is the effective communication issue. TINT has announced the occupational health and safety policy and to ensure the most efficient communication of the important information. The Nuclear Safety Section on behalf of the Occupation Health and Safety Management Representative (OHSMR) had created the procedure on communications and employee engagement of TINT. This procedure has been prepared to ensure that stakeholders who participate in the occupational health and safety management system will receive the correct/needed information for the communication including occupational health and safety policies, objectives, key performance indicators, occupational health and safety action plans, incident investigation results, organization chart, announcement of appointment in the occupational health and safety management system, occupational health, safety surveillance, measurement plan, laws and commitments, etc.

2. Methodology

The communication process showed in *Figure 1*. The needed information regarding Occupational Health and Safety Management System would communicating through appropriate channels. This process included gathering advice/feedback from stakeholders and communicated these advices/feedbacks and needed information to the management.

4. Conclusion

Therefore, it can be concluded that once safety information is communicated to personnel effectively, they will perform missions with the primary concern for their safety and the public.

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Figure 1. Communication process flow chat refer to the procedure on communications and employee engagement of TINT.

3. Result and Discussion

The results of the first internal audit in 2021 showed that the auditees were able to answer the questions about critical occupational health and safety information. This demonstrated that the communication process was effective and appropriate to the context of TINT well.