

## ABSTRACT

There are many activities and special businesses that are not taught in the class but are being proceeded in our lives of work. Thousands of kinds of materials are used to produce consumer and industrial products. The trend to use hazardous substances is rising every year in Thailand. These substances are very beneficial to human life, in turn, they also have more of hazardous to people, properties, and environment. They can be used to produce useful products and also undesirable products such as drugs and chemical weapons. This project, therefore, selects hazardous substance management, to study in details, of Thai current practices.

Thai government agencies announced laws and regulations to control people who want to do businesses about hazardous substances, so that they are needed to handle their businesses legally, carefully, and safely. Moreover, it is the responsibility of manufacturers to be concerned about the effects of their activities on the community.

This project studies current practices on hazardous substance management conforming with Thai laws and regulations, and arranges necessary documents to be used as a guideline to overview directly for doing business and operating with hazardous substances

The project provides appropriately laws and regulations, standards, documentation and involved matters, so that readers can easily comprehend what is the direction for and what is required in hazardous substance handling and is sufficiently safe for the life of work.

This title, hazardous substance management, responds to the study in terms of engineering and management areas of CEM, to which these materials are coming as an important part of industry and human life.