



# REPUBLIC OF THE PHILIPPINES

## Occupational Safety and Health Studies



### Case Studies :

- **Type of Problems :** Extreme reactions to exposures to certain chemicals, particularly organic solvents like trichloroethylene (TCE)
- **Industry :** semi-conductor, electronics and other industries using organic solvents particularly trichloroethylene (TCE)
- **Problem :** Incidence of Stevens' Johnson Syndrome among Filipino workers, both local and abroad
- **Solution :** medical surveillance of industries/ workers at risk; preventive education; work environment measurement; occupational health examinations; safety inspections and audit.

### Accident Case :

What happened: chemical explosion at a warehouse

**Date :** April 21, 2002

**Time:** dawn of said date

**Place:** San Francisco del Monte, Q.C., Philippines

**Consequences:** fire and explosion; respiratory problems of residents in the nearby areas.

**Loss :** undetermined

**Cause of Accidents:** build-up of vapor that reached the lower explosivity

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### **ASEAN OCCUPATIONAL SAFETY AND HEALTH NETWORK (ASEAN-OSHNET)**

Ministry of Labour, Thailand

Occupational Safety and Health Division

Department of Labour Protection and Welfare

Ministry of Labour, Thailand