

## Fact-sheet - How to establish a Chemical Management training?



### What is the objective?

Why workers should be trained on chemical management?

- To inform them about the **risks and hazards** they are exposed to when handling chemicals;
- To explain them how to avoid and/or reduce the risk of **chemical incidents** (explosion due to incompatible chemicals, chemical spill, etc.);
- To make them contribute to the implementation of good practices for a **better chemical management** (optimization of the use of this resource, proper storage conditions of chemicals, etc.).



### How to achieve this objective?

#### Trainees

All the workers with tasks and responsibilities related to chemicals.

#### Content of the training

How to read a chemical label? How to read a SDS<sup>1</sup>? How to handle chemicals? How to store chemicals? How to dispose empty chemical drums? What to do in case of a chemical spill? How to identify the most hazardous chemicals? Which Personal Protective Equipment (PPE) to wear for different chemicals manipulation? Etc.

#### Frequency

According to law or within 1 month from the arrival of new workers and once or twice a year.

#### Records

List of participants + summary of content + dated records.

Title and date					Contents
Sl. No.	Name	Designation	Card No.	Signature	
1	Md. Tareq Rahman	Quality Controller	055727	Tareq	1. Introduction
2	Md. Farhad Hossain	Manager	058278	Farhad	2. Introduce Best chemical management practice
3	Md. Nazmul Islam	SR Accountant	016995	Nazmul	3. Introduce Chemical management policy
4	Md. Abdul Raqayum	Incharge	061362	Abdul	a. Knowledge on chemical purchase, usage, storage and disposal.
5	Md. Shohin	Quality Controller	051964	Shohin	b. Assessment on chemical hazard to environment and human's health
6	Md. Kholan Miah	"	015557	Kholan	c. Transparency and traceability on chemical use (from purchase to disposal)
7	Md. Saadul Ali	Incharge	048498	Saadul	d. SDS & Labeling
8	Md. Amanul Islam	Lab Asst.	047692	Amanul	e. Best available technologies and innovations
9	Md. Norman Siddique	Executive	051504	Norman	f. Roles and Responsibilities
10	Md. Harris Miah	Incharge	048225	Harris	g. Routine for Communication
11	Md. Minhaj-Ati	Jr officer	500974	Minhaj	4. Create awareness about using personal protective equipment.
12	Md. Jamul Uddin	Supervisor	50281	Jamul	5. Chemical Restriction (MRSI)

#### List of participants

#### Contents



- If internal trainer, FIRST, assess the knowledge of the trainer and make sure he/she is able to train the workers;
- Assess the knowledge of the workers after the training through written quizzes.



### Common non-compliances

#### Ineffective training

Based on interview, the workers, even if trained, don't have a good understanding of the chemical hazards. The training was not effective.

#### Improper training records

Factory providing only a list of participants with no date, no information about the content of the training, etc. The records are incomplete.

#### No regular training or no training provided systematically to new workers

No evidence of any clear planning for the training programs and no evidence of training provided within one month for new workers.

<sup>1</sup> Safety Data Sheet (SDS or also mentioned as MSDS): is a document provided for each chemical product which lists the properties of this particular chemical product and provide information on how to safely use it, store it, dispose it, what to do in case of accident, etc.