

## **Glossary of Chemical Terms**

### **Chemical:**

Is any element, compound or complex present as an entity or contained in a mixture.

### **Chemical Register:**

Is a list of all chemicals/hazardous substances used in the workplace and safety data sheets (SDS) for each chemical/hazardous substance.

### **Hazard:**

Is the intrinsic capacity of a chemical or substance to cause harm.

### **Hazardous Substance:**

Means a substance which has the potential to harm the health of persons. It can be a single chemical entity or a mixture.

### **Substance:**

This is a term generally used to apply to any naturally or artificially occurring chemical, whether it is a liquid, solid, gas or vapor. Other terms used to describe substances include: chemicals, materials, mixtures, products and preparations. Substances may be made from simple or complex chemicals, or even a mixture of the two.

## **Instructions for use of the document titled “Chemical – Health Hazard Basic Survey”**

Before completing the Chemical – Health Hazard Basic Survey Form ask the following questions:

- Question 1: Dust – Is the process/activity capable of generating dust?
- Question 2: Fumes – Does the process/activity generate fumes?
- Question 3: Gas - Does the process/activity use or generate gas?
- Question 4: Vapour - Does the process/activity generate vapours?
- Question 5: Mist - Does the process/activity generate mists?
- Question 6: Smoke - Does the process/activity generate smoke?
- Question 7: Liquid - Does the process involve the use of chemicals in liquid form?

If the answer to any of questions 1 to 7 is yes, fill out the basic survey form.

- Enter job title.
- Make an entry against “Process/Activity” indicating if it is: a continuous (C) or intermittent (I) process, or a routine(R) or occasional (O) job.
- In the column headed “Substance” enter the name of the substance.
- In the column headed “Agent” show the type of contaminant eg dust, fumes, gas, vapour, mist, smoke or liquid.
- In the “Form of Exposure” column enter:
  - *Inhalation*: If the substance can get into the air and the employee can breathe it.
  - *Ingestion*: If the substance can be transferred to the worker’s mouth via the hands or some other means.
  - *Direct contact*: If the substance can get on to the workers skin or in to the eyes.



## WCDHB Hazardous Substance Register

Building where stored or used: \_\_\_\_\_

Exact location in building: \_\_\_\_\_

Chemical Name	Trade Name	Hazard Class	HSNO Classification	Maximum Quantity	Form*	Type of Container <sup>+</sup>

\* Form: Compressed gas (CG) Liquid (L), Solid (S), Powder (P), Granule (G), Crystal (C)

+ Type of container: i.e. drum, tank, bottle, carboy, bags