

# Handling of Hazardous Chemicals

12<sup>th</sup> – 14<sup>th</sup> March 2014, Southern Sun Katherine Hotel, Sandton, South Africa

## OBJECTIVES:

After this three-day workshop delegates will gain an understanding of:

- The current OSHA legislation
- The obligations of employers as regards the safety of the workplace
- The techniques that can efficiently reduce the risks involved
- How to minimize the costs involved in the handling, storage and disposal of HCS.
- Global Harmonizing system (GHS) of classification and labeling of chemicals

Delegates will walk away with the knowledge to:

- Create and maintain material safety data sheets
- Correctly apply current Legislation to hazardous chemical substances handling
- Accurately Identify and classify hazardous
- Chemical substances
- Determine sources of exposure
- Reduce Health risks and avoid costly mistakes
- Identify correct protective equipment
- Safely store hazardous chemical substances
- Global Harmonizing system (GHS) of classification and labeling of chemicals

## Day One

### Legislation applicable to HCS

- Occupational Health and Safety Act
- Hazardous Chemical Substance Regulations
- Road Traffic Act

### Identification and classification of HCS

- The 9 different classes of chemicals Sources of exposure
- Where does the exposure to chemical substances come from
- How do we identify the risk posed by chemical substances

### Health risks

- How does chemicals enter our bodies
- What can chemicals do to our bodies

### Actions required by employer in terms of HCS

- What does the law require from the employer in terms of
- Chemical substances used on site

### Emergency procedures

- How do I determine what type of chemical emergencies can happen on site

- How will I prepare to handle a chemical emergency
- Equipment
- Training
- Emergency procedures

#### **Waste disposal**

- How do I dispose of chemical waste
- How do I dispose of contaminated chemical containers and clean-up materials

### **Day Two**

#### **Precautions by employee**

- How should the employee look after himself when working with chemicals

#### **Protective equipment**

- The types of protective equipment to be used when exposed to chemical substances
- The correct use of protective equipment
- How do I look after my protective equipment

#### **Equipment, facilities and controls**

- The care of equipment used in a chemical environment
- chemicals are used Sampling and medicals
- Sampling for air quality

#### **Good housekeeping**

- What is the role that housekeeping play in an environment
- Where chemical substances are used
- What is good housekeeping

### **Day Three**

#### **Works procedures and handling of HCS**

- What is a works procedure
- Why do we need works procedures in an environment where chemicals are handled

#### **Storage of HCS**

- Storage principles
- Ventilation
- Housekeeping
- Compatibility

#### **Firefighting and spillage control**

- How do I fight a fire where chemicals are involved
- How do I clean up a chemical spillage

#### **Material safety data sheets**

- What is a material safety data sheet
- What does a material safety data sheet look like
- What do I do with a material safety data sheet

### **About The Facilitator**

## **Wilna Louw**

(B. Cur, OH, ROS. Prof, F.loSM, SAATCA HSE 002)

Wilna is a highly passionate and experienced HSE professional, having worked and consulted throughout a wide variety of industries since 1988. She has presented various papers at seminars and conferences. Wilna is currently the Chief Executive Officer of Edwilo Occupational Health and Safety Services, a HSE Consultancy business, rendering Occupational Health, Safety and Environmental risk management services to clients in a variety of industry categories

### **WHO SHOULD ATTEND**

- Chemical Engineers, Chemical Transporters, Laboratory Managers, Occupation Health Professionals, Risk Control Managers
- Health and Safety Officers, Health and Safety Representatives, Occupation Hygienist, Health Officials, Environmental Managers, Safety Managers
- Risk Managers, HR Professionals, Occupation Physicians/Nurse, Environmental specialist, Health & Safety specialist, Industrial Hygienist
- Safety Engineers, Plant Managers, Facility Managers, Compliance Managers, Environmental Affairs Managers, Consultant, Line Managers, Safety Training Managers

**Registration for this course is at 08:00am with the course starting at 08:30am. Lunch is at 12:30 with the course concluding at 04:30pm. Please note that all timings are approximate due to the interactive nature of the course. To reserve your seat for this prestigious and highly effective course, please request and complete the registration form and fax to our Marketing Department**

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