

EARTHWATCH PROFESSIONAL CUSTOMISED WORKSHOP 2006
DATE: APRIL 24 – 25 2006

VENUE: LABAKE HOTELS, PORT HARCOURT
TOPIC: HAZARDOUS SUBSTANCES MANAGEMENT COURSE

CONTACT OFFICE

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ABOUT THE IMPLEMENTING ORGANISATION:

EarthWatch is an independent organization involved in magazine/technical publications, conferences/workshops/seminars organizations, research work, consultancy, media and information dissemination in the field of sustainable development.

EarthWatch has a mission to improve the relationship between man and his environment; to improve the quality of the earth, to inform and educate the people about the earth or environment, to enhance self reliance and concern for the earth's resources and to help people avoid, prepare for, and cope with the earth's abuse and sudden reaction. For the past four years or so we have being involved in the organization of the EarthWatch Conferences on Water, which has now become the Nigerian Water Forum.

OBJECTIVES OF THE WORKSHOP

- ✓ To provide an overview of the safe handling of chemicals in the factory and plant
- ✓ To know how chemicals can affect their health and how to prevent being a victim of it.
- ✓ To know appropriate way to manage the chemical waste to protect the environment.
- ✓ To equipped with the knowledge of handling chemicals
- ✓ To know the management of chemical waste
- ✓ To provide participants with the practical knowledge in safe handling practices for hazardous substances, particularly in handling emergencies related to hazardous substances.

BACKGROUND

Hazardous substances are used in many workplaces today. Working people are discover that they need to know more about the health effects of chemicals that they use or may be exposed to on the job. Legislation is becoming stricter in the governance of storage, transport, handling, use and disposal of hazardous substances. This is with particular emphasis on human health and the environment in the event of an emergency.

This course is to train participants to be competent in managing and handling hazardous substances used in factories, plants and other in compliance with the legal and technical requirements Personnel engaged in hazardous substances management and/or those applying for the Hazardous Substances license with regulatory authorities.

It is also designed to provide information and skills for employees who effect the safe transportation, storage and handling of hazardous materials and HSE personnel within such work systems. This training requirement pertains to employees who load and unload, prepare for transportation and/or operate a vehicle containing hazardous materials. It also designed to provide information and skills for employees who affect the safe transportation of hazardous materials, including hazardous waste, by air shipment.

S/No	Course Unit	Remarks
1	<p><i>ETHICAL ISSUES IN HAZARDOUS SUBSTANCES MANAGEMENT</i></p> <ul style="list-style-type: none"> ✓ Responsible Care ✓ Due Diligence ✓ The duties of suppliers, the employer and employees under the hazardous substances regulations. ✓ Hazardous Substance Records: Hazardous Substance Inventory Form; Record of Received, Waste Collection, Disposal and Recycling. 	
2	<p><i>HAZARDOUS SUBSTANCES MANGEMENT</i></p> <ul style="list-style-type: none"> ✓ Management of hazards associated with the Hazardous substance ✓ Risk assessment and Management ✓ Control procedures in hazardous substances Management 	

	<ul style="list-style-type: none">✓ Work practices and procedures for the safe use, handling, processing, storage, transportation, clean-up or disposal of hazardous substances✓ Standards and Requirement for a modern warehousing✓ Warehousing Design and Management	
3	<i>HAZARDOUS SUBSTANCES AND THE ENVIRONMENT</i> <ul style="list-style-type: none">✓ Air, Water & Land pollution (introduction & some basic measurement/calculation Legislation on hazardous chemical✓ Spillage management and contingency plans✓ Flammable Substances -Fire & Explosion Hazards✓ Emergency Response System✓ The proper use, fitting, testing and storage of personal protective equipment✓ Sustainable Development and Hazardous Substance Management	
4	<i>GENERAL ISSUES</i> <ul style="list-style-type: none">✓ National & International regulations✓ Handling symbols and transportation signs✓ Handling and storage procedures✓ Chemical inventory, audit, recording✓ Disposal methods.	
5	<i>TOXICITY OF CHEMICALS</i> <ul style="list-style-type: none">✓ Fundamentals of Industrial Toxicology✓ Chemical Route of entry✓ Effect & Target organs of chemicals✓ Permissible Exposure Limit & Measurement	
6	<i>SAFE HANDLING OF CHEMICALS</i> <ul style="list-style-type: none">✓ Usage of MSDS✓ Safe Handling/ Management System of Chemicals/ Hazardous Substances✓ Classification, Labeling & Property of Hazardous Substances	

	<ul style="list-style-type: none"> ✓ Hazard Analysis & Accident Investigation ✓ Basic First Aids ✓ PPE 	
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DURATION: 3 days

VENUE: Shall be provided by the organizers

WORKSHOP FEE B PER PARTICIPANTS: N 20,000, Maximum Class requirement is 25 persons per class.

TEACHING METHOD/RESOURCE PERSONS

Qualified and experienced resource persons shall handle each of the topic selected for presentation at the programme. The basic learning strategy of the training programme is 'Learning by Doing', with participatory approach. The interactive sessions, group work and panel discussions. A workshop presentation book will be provided at the beginning of the training programme.

Each day will begin with a review of the previous day's work. Similarly the day will end with an overview of the day's programme. Each module or a set of modules will be followed by a panel discussion, to provide an opportunity to the participants to further clarify any of the concepts or contents with the help of resource person's panelists. All the participants shall take written test at the end of each programme; the passed marks for this programme are sixty percent (60%) and are issued with certificates. Unsuccessful participants shall be issued with certificates of participation.