



The 2nd Kuwait Waste Management Conference

Presents

Healthcare Waste Management Workshop

12th & 13th April 2009 - Radisson SAS Hotel, Kuwait

The workshop will provide you with skills to:

- ☑ assess your organization's situation with respect to healthcare waste management practices.
- ☑ identify priority areas requiring improvement within your waste management system.
- ☑ delineate appropriate technology options for healthcare waste management.
- ☑ identify practical approaches to building capacity in developing and sustaining healthcare waste management systems.
- ☑ formulate specific work plans to improve healthcare waste management.

In cooperation with*



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Healthcare Waste Management Workshop

Introduction

Healthcare waste is generated from hospitals, clinics, general practitioners, surgeries, nursing homes, dentists, veterinary practices, laboratories and research establishments and as a result of midwifery and medical care at home. Most of the waste can be managed in the same way as municipal waste provided that the waste is properly segregated and separated from the hazardous waste.

The balance (according to the WHO up to 20 %, depending on size and type of the healthcare facility) might be contaminated with pathogens, chemicals, body fluids or other potential hazardous components and must be handled as hazardous waste. A small fraction may pose a physical or radiological hazard. The disposal of body- and organ parts, e.g. from pathology and operational sectors, must be accomplished under ethical, aesthetic and religious criteria.

Dependent on their properties, healthcare waste is often divided in following categories:

- Municipal (or household like) waste
- Infectious waste,
- Sharps,
- Pathological/Anatomical waste,
- Pharmaceutical / Cytotoxic waste,
- Chemical waste and
- Radioactive waste.

Improper handling, treatment and disposal methods of healthcare waste can cause nosocomial infections, occupational accidents, and environment pollution; it might result in an increase of the costs. For these reasons, healthcare facilities should command skilled personnel being familiar with proper waste management practices. It will be the task of this training course to train staff of healthcare facilities to become the responsible person for the management of healthcare waste.

Systematic of the training

The overall goal of this training course is to train healthcare and paramedical staff in the core principles of proper healthcare waste management and to introduce advanced management processes.

Objectives of the training course

The main objective of the training is to educate selected staff to become the responsible person for the waste management in their hospital. The participants will learn how to plan, set up and independently run the waste management system of a health institution. After the course, the employees will know how to minimize nosocomial infections and occupational accidents related to healthcare waste. They will know how to react in case of emergencies and injuries and how to use basic waste management tools.

Target Audience

The training is targeting employees of the middle or higher management level of a healthcare institution (hospitals, but also larger clinics and laboratories) who are or will be directly or indirectly responsible for the monitoring and management of the safe handling of healthcare waste. This includes matrons, head of the logistic or environmental department, members of infection control committee and others.

Tutorial Design and teaching method

The course is a mix of informative theoretical lessons and interactive workshops (lectures/presentations). The lessons are based on simulations, questions, exercises, and practical demonstrations undertaken by qualified trainers to make learning enjoyable and to encourage a high level of knowledge retention. Included in the training will be a snap-shot analysis of the waste management in an existent facility to allow the participants to transfer theoretical know-ledge in a practical situation. Following the training, participants' performance will be evaluated.





Topics covered





The tutorials are practical orientated and covers a wide range of topics, including:

- General information about healthcare waste management
- Definition, classification and generation rates of healthcare waste
- Relevant international laws and regulations
- Logistic aspects such as segregation, collection and storage of waste
- Management methods for different types of waste
- Responsibilities for healthcare waste management
- Development and implementation of waste management plans
- Treatment methods for different kind of waste as e.g. infectious waste
- Measures to minimize, reuse or recycle waste
- Occupational safety aspects and first aid measures

Healthcare Waste Management Workshop

Overview - Workshop plan

Schedule	Module	Day 1 12 th April 2009	Confirmation of Learning
08:30 - 09:00		Registration & Welcome	
09:00 - 10:30	HWT-1 HWT-2	Introduction to Healthcare Waste Management Responsibilities: The Healthcare Waste Technician	 Class Discussion & Verbal Questioning
10:30 - 11:00		Coffee Break	
11:00 - 12:30	HWT-3 HWT-5	Healthcare Waste Classification Risk Assessment	 Class Discussion & Written Exercises
12:30 - 13:30		Lunch	
13:30 - 15:00	HWT-4	The Risks from Healthcare Waste	 Class Discussion & Verbal Questioning
15:00 - 15:30		Coffee Break	
15:30 - 16:45	HWT-7	Sharps Management	 Class Discussion & Verbal Questioning
16:45 - 17:00		Wrap up of the day	

Schedule	Module	Day 2 13 th April 2009	Confirmation of Learning
08:30 - 09:00		Registration & Welcome	
09:00 - 10:30	HWT-6	Healthcare Waste Segregation and Logistics	 Class Discussion & Verbal Questioning
10:30 - 11:00		Coffee Break	
11:00 - 12:30	HWT-8	Intro to Waste Auditing Short Knowledge Test	 Class Discussion & Written Exercises
12:30 - 13:30		Lunch	
13:30 - 15:00	HWO-2	Implementing a Healthcare Waste Management System	 Class Discussion & Verbal Questioning
15:00 - 15:30		Coffee Break	
15:30 - 16:45	HWO-3	Treatment of Infectious Healthcare Waste	 Class Discussion & Verbal Questioning
16:45 - 17:00		Wrap up of the day & Farewell	

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FAX

To: +965 2433 0809

ورشة إدارة نفايات الرعاية الصحية

Workshop Registration Form

Name: : الاسم	
Title : : اللقب	Organization : : الشركة / المنظمة
Address : : العنوان	
City : : المدينة	Zip: : الرمز البريدي
Country : : الدولة	
Telephone : : هاتف	Fax : : فاكس
Mobile : : التلقال	
Email : : البريد الإلكتروني	
Date : : التاريخ	Signature : : التوقيع

▶ WORKSHOP FEES

The registration fee is \$1000 per person

The registration fee includes participation in the workshop, workshop materials, daily lunches and coffee breaks and Certificate of attendance.

Accommodations are NOT included in the registration fee

▶ PAYMENT DETAILS:

FULL PAYMENT must be received prior to the Workshop.

Please invoice my organization (authorization attached)

I will be sending a Bank transfer to
Account Name: Promedia International
Bank: Kuwait Finance House
Account #: 021010058612
Swift Code: KFHOKWKWXXX

I enclosed a cheque made payable to Promedia International.

Please fax confirmation of the bank transfer to +965 24330809, quoting delegate's name as your reference on both fax and bank transfer.

▶ OFFICIAL LANGUAGE

The official working language of the workshop is English. There will be no translation.

▶ FURTHER INFORMATION

For further information contact:

Mr. Azhad Khan
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Email: Azhadkhan@promediakw.com

The organizers reserve the right to cancel the workshop should minimum numbers not be reached. Should the workshop be cancelled all registration fees will be refunded in full.



Jan-Gerd Kähling
ETLog
Health EnviroTech
& Logistics GmbH

WORKSHOP INSTRUCTOR

Jan-Gerd Kähling (M.Sc. Healthcare engineering) is the founder and general director of ETLog Health GmbH, the leading German company for international healthcare waste (HCW) projects. Mr. Kähling has more than 10 years international working experience in HCW and managed successfully >30 projects in Europe, Africa, Asia and the Middle East. Clients included private companies and hospitals, but also WHO, World Bank, Ministries and other governmental and non-governmental organizations. Next to his activities for ETLog Health, Mr. Kähling was appointed as lecturer at the University for Applied Science, Berlin on the subject "HCW management and treatment". He carried out research projects on HCW and is holder of several patents for HCW treatment plants and waste logistic equipment.



www.etlog-health.de