
THE 3RD KUWAIT WASTE MANAGEMENT CONFERENCE & EXHIBITION



***6TH – 8TH APRIL 2010
KUWAIT***

OVERVIEW

The 3rd Kuwait Waste Management Conference & Exhibition will be held on 6 – 8 April 2010 at the Radisson SAS Hotel under the patronage of H.E. Dr. Fadel Safer, Minister of Public Works and State Minister of Municipal Affairs and with the support of Kuwait Municipality, Environment Public Authority and Public Authority of Industry.

The 3rd Kuwait Waste Management Conference & Exhibition is the region's definitive event dedicated to the waste industry. Now in its third year, the event is the leading industry forum for the latest waste technologies, solutions and products.

This 3-day event will feature valuable insights and practical experiences. Several hundred participants are expected to attend from Kuwait and nearby regions and countries, along with other international experts. With multiple technical sessions focused on municipal, industrial and medical waste management challenges, the event promises a unique opportunity for delegates to gain insights into waste management solutions, listen to regional and international case studies and network with their peers.

PROGRAM:

Kuwait Waste Management Conference & Exhibition will address all areas of waste management, including:

- + Solid waste management*
- + Construction and demolition waste management*
- + Industrial waste management*
- + Waste management for oil, gas and petrochemical industries*

- ✚ *Hazardous waste management*
- ✚ *Medical waste management*
- ✚ *Wastewater management*
- ✚ *Recycling Systems*
- ✚ *Material Recycling*
- ✚ *Landfill technologies*
- ✚ *Composting*
- ✚ *Waste-to-Energy*
- ✚ *Waste management policy, financing, planning and regulation*

If you wish to participate at the event as a speaker and have suggestions for the program, email us here info@kuwaitwaste.com

■ EXHIBITION:

An exhibition will be held in conjunction with the technical sessions within the conference venue. The exhibition is intended to provide an opportunity for companies, consulting and research organizations to display and demonstrate their products and services related to the subject of Recycling & Waste Management and other associated services. Interested organizations are encouraged to participate either by sponsoring the event or by taking part in the exhibition.

■ WORKSHOP: HEALTHCARE WASTE WORKSHOP - ADVANCED LEVEL

The effective management of healthcare waste is of vital importance to the health care sector and the people in all countries, who need to be assured that such wastes are managed and disposed of properly.

The different categories of waste normally generated from a health care setting are non-risk/non-hazardous, solid waste (household waste) as well as risk/hazardous waste such as infectious waste, sharps, pharmaceuticals, chemicals and other potential dangerous waste streams. Included in the domestic waste is also 'green waste' from maintenance of grounds, and construction and demolition wastes from building activities.

Transmission of disease occurs mainly through injuries from contaminated sharps and through inhalation of bio-aerosols. Besides tuberculosis (TB), blood borne diseases - like hepatitis B (HBV), hepatitis C (HCV), and the human immunodeficiency virus (HIV) - are infections of particular concern. Toxic risks arise among others from reagents (particularly laboratory reagents), drugs, and mercury thermometers (CEC, 1993).

The personnel responsible for health care waste management, i.e. for waste minimisation, collection, transport, storage, treatment and disposal, will require access to relevant professional advice and the implementation of a sound management system adequate for the purpose. Risk assessment is required in the contexts of the protection of staff and the protection of the environment.

Due to the changes in health care processes, the quantity and quality of healthcare waste is changing. The volume of waste generated is steadily raising and materials are getting more toxic. Those responsible for health care waste are increasingly challenged to investigate further the management of health care wastes. The aim, where possible, should be to substantially reduce the volume of waste. Special consideration should be given to hazardous waste, because of its higher risks and the cost intensive specialist treatment and disposal. In particular, sound and practical systems of segregation are required.

This advanced level course is not intended for trainees without previous knowledge in healthcare waste management. The advanced training course will especially deal with the following subjects and waste streams:

- *Pharmaceutical waste*
- *Photochemical waste*
- *Cytotoxic waste*
- *Other chemical waste*

- Contracting & pricing of waste services
- Occupational health & safety
- External transportation of waste

■ **TRAINING COURSE:**

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

Objectives of the training course

The main objective of the training is to increase the know-how of responsible persons for healthcare waste management in for waste management in their hospital. The participants will learn how to plan, set up and independently run advanced healthcare waste management systems of a health institution. After the course, the employees will know how to deal with more complex waste streams and how to reduce occupational health impacts by hazardous waste. They will know how to react in case of emergencies and injuries and how to use more advanced waste management tools.

Target Audience

The training is targeting employees of the middle or higher management level of a healthcare institution who are responsible for the monitoring and management of the safe handling of healthcare waste. It is expected that the participants have a basic knowledge in healthcare waste management.

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. Following the training, participants' performance will be evaluated.

Topics covered

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

- ✚ Tasks and responsibilities of an healthcare waste officer
- ✚ Job description, SOP, MSDS, etc. for healthcare waste management
- ✚ Advanced planning of modern healthcare waste systems
- ✚ Recycling of hazardous and non-hazardous waste
- ✚ Management of complex waste streams including
 - Pharmaceutical waste
 - Chemical waste
 - Cytotoxic waste
- ✚ Photochemical waste
- ✚ Contracting of waste treatment & disposal
- ✚ External logistic aspects
- ✚ Management methods for different types of waste
- ✚ Development and implementation of waste management plans
- ✚ Alternative treatment methods for bio-hazardous waste

■ **CALL FOR PAPERS:**

Authors are invited to submit an abstract of the proposed paper in English or Arabic. It should state clearly the objectives, subject matter and conclusions to be presented in the full paper. Selection of papers will take account of originality, relevance, and likely interest to delegates.

Papers should be of technical nature and we recommend that authors take an exhibition stand should they wish to support their presentations with commercial material.

■ **ABSTRACT SUBMISSION:**

Send abstracts via email to: program@kuwaitwaste.com

Abstracts should be submitted in a Word Document file or PDF, maximum one A4-page in length. The abstract should contain a full title, the names and addresses of the authors, and contact person details.

Please include full name, address, email address and phone number for the contact person and lead author.

■ **DEADLINES:**

- ✚ Abstracts Due: *December 31, 2009*
- ✚ Abstract Acceptance Due: *January 15, 2010*
- ✚ Final Version Due: *February 15, 2010*
- ✚ Conference and Exhibition: *April 6th - 8th, 2010*

It may be possible to accept a small number of late submissions.

■ **CONFERENCE LANGUAGES:**

The official conference languages are English and Arabic. Papers, visual materials, and other documents will be presented in the English or Arabic languages.

Correspondence regarding all aspects of the abstracts or technical papers should be sent preferably by e-mail to the Technical Committee at program@kuwaitwaste.com.

■ **SHORT COURSES:**

Short courses will be offered for an additional cost in conjunction with the Conference. The short course topics will be announced in our next mailing. Any company specialized in a subject matter and wishes to propose a course should contact the Technical Committee Chairman.

■ **FOR MORE DETAILS:**

Please Contact The Technical Committee Kuwait waste Management Conference & Exhibition

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