

إرشاد فني  
**TECHNICAL GUIDELINE**  
رقم (10) Number

إرشادات التخلص من حاويات المواد الكيماوية المستعملة وإعادة استخدامها  
**Guidelines for the Disposal and Re-Use of Used  
Chemical Containers**

يونيو - 2011 - June

### ***Introduction:***

Containers which are emptied of chemicals or any hazardous substances are classified as hazardous/difficult waste as these may contain left over residues. The re-use & disposal of these used containers poses a hazard or health risk if not handled in an environmentally safe manner. Most of these used containers are recycled or reused as containers for new products or other substance.

While the Environment Department promotes the recycling of materials including used containers, it also requires that any person doing this comply with environmentally acceptable and safe procedures.

This guideline explains how used containers should be dealt with or disposed of in accordance with the Local Orders of Dubai Municipality. Specifically, this applies to all used/empty containers including 200 Lit drums to small volume containers.

### ***Guidelines:***

1. Under this guideline, used containers are categorized into two types: (1) reusable containers and (2) scrap containers.
2. Reusable Containers are those that can be reused after reconditioning
3. Scrap containers are those that cannot be reused. This may either be disposed at Municipality Disposal site or recycled as scrap after getting approval.
4. Any person or establishment intending to dispose of used chemical containers must apply in writing to ECS and obtain written approval before such containers can be transported for disposal, sale or re- use elsewhere.
5. When handling or discarding empty used containers, the following procedures shall be observed:

#### **5.1. Re-usable Containers:**

used containers (specifically 200 L drums) that can be re-used after cleaning or reconditioning.

- 5.1.1 When the container was used to contain an organic solvent or any volatile chemical let it stand in an open space for a sufficient period of time with bungs removed or lid open to permit evaporation or drying up of any harmful residue.
- 5.1.2 Containers must be cleaned & washed to remove all residues before reuse. Wastewater generated from washings of contaminated containers is classified as hazardous waste and shall be separately collected and disposed off as per ECS Technical Guideline No. (1).
- 5.1.3 Drums may also be given to licensed drum recyclers for recycling after maintaining a log book.

5.1.4. Emptied chemical containers can also be sent back to chemical suppliers or manufacturers for re-fill of the same products.

**5.2. Scrap Containers:**

used containers that can no longer be re-used and are to be discarded as waste for disposal.

5.2.1 Containers shall be free of any residues.

5.2.2 Disposal of used/contaminated containers shall be in accordance with the ECS Technical Guideline No. (1).

5.2.3 Alternatively, scrap containers (clean and crushed) can be given to authorized Dubai Scrap Dealers after maintaining a log book and record. This book should be available for verification by Environment Department.

5.2.4 Containers shall be crushed for disposal.

5.2.5 Contaminated scrap containers shall not be sold to any buyer or recycling companies without prior approval from Dubai Municipality.

6. Off- site disposal of contaminated containers by any means shall have prior written consent from ECS. No person shall be allowed to dispose of contaminated containers into Dubai Municipality landfill site or elsewhere without obtaining prior written permit.

**For further information please visit**

**[www.dm.gov.ae](http://www.dm.gov.ae)**

**or call**

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