



Template for Evidence(s) UI GreenMetric Questionnaire

University : Samarra
Country : Iraq
Web Address : www.uosamarra.edu.iq

[3] Waste (WS)

[3.16] Toxic Waste Treatment (WS.5)



Toxic Waste Treatment (University of Samarra)



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Description:

Management of (solid/liquid/gaseous) hazardous waste is directed by Chemical, Bacterial, Radiological and Nuclear (CBRN) Effects Management Committee and chemical unit treatment in University districts and cities. Every local unit is provided with a Temporary Waste Storage to safely store the Hazardous Waste received from the labs where they are originated until they are picked up from the authorized Company. University of Samarra follow steps in management toxic waste.

1. Management of Solid Waste:

Solid wastes include solid portions of the discarded material such as glass bottles, crockeries, plastic containers, metals and radioactive wastes. The solid wastes may be biodegradable or non-biodegradable. The biodegradable solid wastes are agricultural wastes, food wastes, paper, food processing by products, manure, yard wastes etc. The non-biodegradable wastes include plastics, metals, synthetic materials, polythene, radioactive wastes etc. The solid waste management involves disposal of solid waste to land (or ocean) or recovering and reproducing useful substances from the waste through recycling.



2. Management of Liquid Wastes:

Liquid wastes are the liquid part of the waste material. Liquid waste includes effluents of industries, fertilizer and pesticide solutions from agricultural fields, leachate from landfills, urban runoff of untreated waste water and garbage, mining wastes etc. The liquid waste may contain nontoxic inorganic substances or toxic organic substances.

3. Management of Gaseous Wastes:

The gaseous wastes are generated in to environment mainly due to anthropogenic activities. The gaseous wastes include carbon dioxide (CO₂), methane (CH₄), chlorofluorocarbon (CFC), oxides of nitrogen (NO_x), carbon monoxide (CO), oxides of sulphur (SO_x) etc. These gaseous wastes can cause serious environmental hazards. Therefore, it is highly essential to take appropriate steps for the proper management and control of gaseous wastes in the environment.



NEWS & ACTIVITIES

The University of Samarra holds a training course on on-site emergency plans

By University Presidency - Media Center • January 21, 2022 • Reading Time: 2 minutes



In cooperation with the College of Applied Sciences and the Civil Defence Centre, the Division of Control of Circulation of Dangerous and Toxic Chemicals and Biological Materials at the Presidency of the University held a training course entitled (Site Emergency Plans for Chemical, Biological and Radiological Accidents).

The course dealt with the most important axes for developing potential risk management in scientific laboratories, the importance of developing emergency plans, training laboratory workers, and responding and treating in the event of laboratory accidents.

The second axis also dealt with fires and training methods used by the Civil Defense Center team in Samarra.



Additional evidence link (i.e., for videos, more images, or other files that are not included in this file):
<https://en.uosamarra.edu.iq/4427-2/>.