

Section of Marine Ecology and Biotechnology, Division of Life Science, HKUST

Checklist for Chemical Waste Management

Faculty: _____

Laboratory Room Number: _____

Please answer: Yes / No / NA to the following questions.

- 1 A standard chemical waste container is used _____
- 2 The labels on the container are clear, intact and adhere firmly to the container _____
- 3 The waste container is in good condition and the caps are kept closed _____
- 4 The Chemical Waste Log Sheet is filled out properly _____
- 5 The chemical waste containers do not obstruct the fire exit route _____
- 6 The storage area is dry and clean _____
- 7 The booklet "Procedures for Disposal of Chemical Waste" is available _____
- 8 The total volume of wastes stored is less the 300 liters _____

For chemical wastes stored at a workplace with volume > 50 liters:

9. The location for waste storage or the spill tray bears a standard Chemical Waste Warning Label which is displayed prominently _____
10. The standard liquid chemical waste container is put inside a spill tray or a spill spill retention structure is available _____
11. The spill tray is free of other substances except the waste container _____
12. Incompatible wastes are prevented from mixing in case of spill _____

For chemical wastes stored at a workplace with volume > 50 liters but <300 liters:

13. The waste containers are enclosed by at least a 3-sided structure _____
14. The storage structure is only for the storage of chemical wastes _____
15. A standard chemical waste warning label is displayed prominently at the storage structure _____
16. The storage structure of liquid chemical wastes has a retention capacity of 20% of the total wastes stored or the volume of the biggest container, whichever is greater _____
17. The enclosed storage structure has vent holes or ventilation facility _____
18. Incompatible chemical wastes are separated by barriers to prevent mixing in case of spill _____
19. The storage structure has no connection to the sewer or a surface water drain _____

Remedial actions is necessary if the answer to any one question is "No"

Notes:

(a) For small volume waste generators, the container for temporary storage of chemical waste should be labeled with the waste type and content. The possible locations of the standard chemical waste containers that the chemical waste will be finally disposed of should be marked on the bottle.

(b) A Chemical waste log sheet is not necessary for some waste types. The "Spent Film and Fixer & Developer", "Spent Lube Oil", Spent Organic Gel, Lab", Spent Metal Sludge", "Spent Phenol Sludge" and Rags with Solvents / Oils". A Chemical waste log sheet is not attached to these containers. A copy of a chemical waste log sheet is available.

Signature of Faculty Member: _____

Date: _____