



COLOMBO MUNICIPAL COUNCIL
MUNICIPAL ENGINEERS' DEPARTMENT
SOLID WASTE MANAGEMENT DIVISION

**GUIDELINES FOR THE PREPARATION OF SOLID WASTE
MANAGEMENT PROPOSALS.**

- A. The Solid Waste Management proposals shall comply with the provisions of relevant Ordinance, Acts of Parliament of the Democratic Socialist Republic of Sri Lanka, and other subordinate legislations, Regulations, By-laws, National Policy on Solid Waste Management, Technical guidelines etc., including the followings:**
1. Municipal Council ordinance No. 16 of 1947 with special attention on Section 129, Section 130 and Section 131 and By-laws No-1, 29, 30, 31, 32, 33, 34, 44, 45, 46, 47, 54, 58 and 61.
 2. National Environmental Act No.47 of 1980 and the Amendment Act No.56 of 1988.
 3. Section 3 and 8 of Urban Development Act (UDA) No.41 of 1978 and UDA Amendment Act No. 4 of 1982.
 4. Technical Guidelines on Solid Waste Management Published by Central Environmental Authority (CEA).
 5.
 - a. Regulations for Hazardous Waste Management published by CEA in the Gazette Extra Ordinary No. 924/13 dated 23rd May 1996.
 - b. CEA guideline for the implementation of Hazardous Waste Management regulations.

6. National Policy on Solid Waste Management.
7. Nuisance Ordinance No. 15 of 1862.
8. Police Ordinance No. 16 of 1865.

B. The Report may be prepared under the following topics :

1. Introduction
2. Background
3. Usage of floor space
4. Data Used
 - a) Residential buildings
 - b) Office building
 - c) Other purpose
5. Computation of probable waste generation and Source Segregation of Waste.
6. Computation of quantity of different type of waste generation in the building.
7. Computation of required numbers and capacity (liters) of different coloured wheely bins for segregated waste.
8. National Colour code for segregated waste.
9. In house collection Methodology.
10. Waste minimization Techniques.
11. Temporary storage Method
12. Waste Transfer system to the final collection chamber and to compactor truck.
13. Miscellaneous computation of the waste stream and containerization.
14. Implementation programme.
15. Marking of all details on Architectural Drawing. (Clear height, Location and Dimension of final collection chamber, waste transfer system, No of bins at final collection chamber etc.)

Note:-

1. The access road shall be adequate for the easy movement and turn of Solid waste collection vehicles. This has to be shown in detail in the Architectural Drawing.
2. The clear height of the floor (minimum 13'0") having final collection chamber shall be adequate for easy access of compactor trucks to the chamber.
3. There shall be adequate space inside the premises for the parking (28'x12') and turning of compactor trucks, during the collection of Solid Waste. Parking space for Compactor Truck and access to Final collection chamber should be marked in the A3 size (1:100 scale) Architectural Drawing. **Loading of solid waste by keeping the Compactor trucks outside the premises or road is not allowed.**
4. **Direct disposal of solid waste into a chute / channel structure is not allowed in order to avoid spillage of solid waste or leachate liquid and to avoid disposal of mixed waste.**
5. Final collection chamber for organic waste shall be maintained in a temperature not exceeding 10⁰ C by providing Air Conditioner.
6. It is recommended to keep the separated solid waste in wheel mounted bins with lids and stored in the Final Collection Chamber. Capacity of wheel bins should be fair enough to handle by the labourers easily when loading solid waste to compactor trucks. (Max.500l) But max capacity of 240l wheel bins have to be used only for bio degradable waste.
7. Only the Municipal Solid Waste will be accepted. Medical/ Clinical/ Electrical and Electronic waste/ Health care waste or Industrial Waste or Chemical waste or Atomic/ radioactive waste or any other toxic/ hazardous waste will not be accepted.

Electrical waste can be handed over to CMC E-waste centres at Park Road Colombo - 05 and Maligakanda, Colombo - 10.

8. Two copies of proposed building plans including sections, site plans properly marked with the location of bins as per colour code and collection chambers of segregated Municipal Solid Waste shall be submitted along with the proposal.
9. **Report on Solid Waste Management proposals should be prepared by the registered consultants with the Colombo Municipal Council**
The list of Registered Consultants for the year 2022 with Colombo Municipal Council for the preparation of Solid Waste Management proposals is attached herewith. (Annex-1)

This list will be effective from 01st of June 2022.

10. **Approved proposal should be implemented without any change in order to obtain the Solid Waste Management clearance for C.O.C.**

However, approved plans shall be submitted when making application to get clearance after the implementation of approved proposal.

Director Engineering (Solid Waste Management)

Revised as at 01st June 2022