

## SIGNIFICANCE

In its goal to provide a sustainable environment to live in, Dubai Municipality has developed a 20-year Dubai Strategic Integrated Plan for Solid Waste. One of the most important requirements of the plan is to have segregation/separation of waste at source.

Wastes generally contain a substantial amount of material which can be reused or recycled. Providing adequate designated space for sorting and storage facility for recyclable wastes in buildings will help reduce the waste directed to landfills and increase the recyclable waste quantity.

## APPLICABILITY

This regulation is applicable to all building types except villas. Refer to Table 101.07(1) in Section One - Administration for detailed applicability levels.

## IMPLEMENTATION

*Regulations 702.03: Waste Storage* and *702.04: Waste Collection*, require facilities in buildings to have provisions for the sorting and collection of recyclable waste. In addition, this regulation requires that a sorting and storage facility for recyclable materials to be provided.

Sorting, storage and collection areas for recyclables must be situated such that it provides safe and easy access for both waste producers (building occupants) and collectors. The design of these areas must minimise the potential for nuisance to building occupants and neighbouring premises.

Sufficient storage space must be provided, for storing at least a week's collection of all non-hazardous recyclable waste.

For projects within a large site, a separate collection area outside of the building footprint and serving more than one building may be utilised, provided convenient access for deposit and collection of recyclables is given.

The requirements of this regulation are in addition to the requirements of Dubai Municipality Building Regulations, Articles 51 and 52 (Garbage/Waste Collection Rooms). However, the recyclable waste management facility may be part of the general waste facility, in which case the room must be increased 10% in size (not less than 5 m<sup>2</sup>) to allow the processing of the recyclable waste (fig. 702.05(1)).

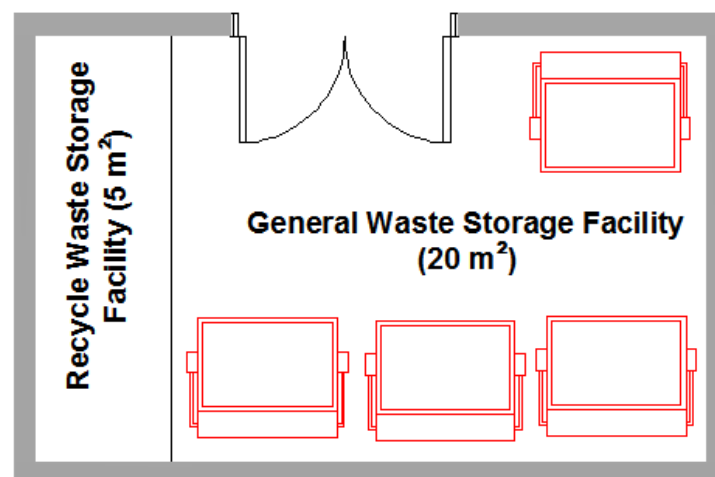


Fig. 702.05(1): Recyclable Waste Management as Part of General Waste Facility (Example)