

Specification for

Compacted waste containers for lift-off vehicles

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Department of the Environment, Water Engineering Division including Water Data Unit*	Scottish Development Department
	Trades Union Congress
	Water Companies Association

The organizations marked with an asterisk in the above list, together with the following, were directly represented on the committee entrusted with the preparation of this British Standard:

Association of Metropolitan Authorities	Institute of Housing Managers
Container Handling Equipment Manufacturers	Institute of Solid Wastes Management
Engineering Industries Association	Packaging and Industrial Films Association

This British Standard, having been prepared under the direction of the Building Services Standards Committee, was published under the authority of the Executive Board and comes into effect on 31 January 1980

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Foreword

Compaction systems for dealing with solid wastes have been introduced into this country during the last decade and have been readily accepted for use in situations where moderate to large quantities of wastes are handled. They are, at present, used in large residential buildings, commercial premises and light industrial organizations. In view of the desirability of providing for the maximum possible degree of compatibility between the parts of the compaction systems, i.e. compactor, container and servicing vehicle, preparation of this standard was initiated by Technical Committee SAB/16 (now SEB/20), "Appliances for refuse storage and collection" and has been prepared under the direction of the Building Services Standards Committee.

The committee decided that its aims would best be met by adopting a standard container which could be used with a range of compactors and serviced by any suitably equipped lift-off vehicle. Neglecting the variety of receptacles such as paper and plastics sacks, cardboard boxes or small rigid containers which are used with the smaller types of compactors, compacted waste containers fall into two ranges: those between about 8 m³ and 20 m³ capacity, normally serviced by a lift-off vehicle, and those from 20 m³ to 40 m³ capacity which are handled by a roll-on/roll-off vehicle. This standard applies to the most popular size of container 10 m³ which is used in conjunction with a lift-off vehicle; over 90 % of current production is concentrated on this type. When packed with a wide variety of wastes this forms a load compatible with a 16 tonne gross vehicle weight vehicle with a tare weight, complete with lift-off gear, of 7 tonne to 8 tonne. For this reason it was decided to specify only one size of container, interchangeable between the widest possible range of compactor/servicing vehicle combinations, which should be instrumental in assisting the rationalization of the design of compaction systems.

For some applications, it may be necessary to fit a rubber seal between the door and the container to prevent spillage of liquids.

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Summary of pages

This document comprises a front cover, an inside front cover, pages i and ii, pages 1 to 6, an inside back cover and a back cover.

This standard has been updated (see copyright date) and may have had amendments incorporated. This will be indicated in the amendment table on the inside front cover.