

Australasian Health Facility Guidelines

Part E - Building Services and Environmental
Design

0010 - Equipment

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Australasian Health Facility Guidelines

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10 EQUIPMENT

10.01 Scope

The following Equipment or plant/storage areas requiring connection to services should be considered in the preliminary Equipment schedule:

- catering and kitchen equipment;
- chemical storage;
- cleaning equipment;
- cool rooms and freezer rooms;
- film processing equipment;
- flammable liquid storage;
- laboratory equipment;
- laundry equipment;
- medical electrical equipment;
- sterile supply equipment;
- ward equipment;
- ground equipment;
- materials handling equipment; and
- reverse osmosis plant and cooling systems for Medical Imaging equipment.

10.02 General

An assessment of equipment or plant/storage areas requiring connection to services can be extracted from the following sources:

- HFG Standard component Room Data Sheets (RDS) provides information on the generic type and quantity of equipment and the associated services requirements;
- Room Layout Sheets (RLS) provide spatial information and floor areas - they can also be used for early testing and adjustment of floor areas for the incorporation of non-standard equipment.

A preliminary schedule of generic equipment established in the early stages and will assist in determining the requirements for services and space. An early equipment budget will improve the accuracy of the total project cost estimate.

The schedules of accommodation in HFG Part B provide floor area information including circulation for each generic HPU (Hospital Planning Unit), any specific area requirements in the Room Data Sheets would be incorporated in the Project schedules of accommodation. Note: Interdepartmental Travel and Engineering is additional to the combined HPU area.

For information on the process of procuring and installing Furniture, Fittings and Equipment for a Health Care Facility. Refer to Part F Project Implementation, Subsection 680 Furniture, Fittings and Equipment.

10.03 Design

In addition to the general allowances for equipment listed above, other factors involving decanting or the transfer of existing equipment for reuse will affect the staging and final cost of the project.

The delivery and removal of equipment and plant should be considered by allowing adequate tolerances for horizontal and vertical transportation. This may require larger corridors, door openings, special sized lift cars, floor and ceiling hatches and provision for hoisting.