

### 5 LIFTS AND ESCALATORS

#### Minimum Standards

- 5.1.00 The minimum requirements for provision of lifts and escalators in Health Care Facilities shall be those listed in Enclosure E1.

In addition to the minimum requirements and depending upon the type of facility and installed services the following Australian Standards shall apply:

- AS/NZS 1680.2.5 Interior Lighting - Hospital and medical tasks.

All clauses outlined in the following section shall be in addition to statutory requirements.

#### Requirements for Lifts

- 5.2.00 A Health Care Facility with patient services located on a level other than the ground floor shall install one or more passenger lifts.

#### Lift Car Size

- 5.3.00 Lift car sizes shall be determined by a traffic study which will result in a recommendation for the number, type, speed and occupancy requirements of the lift/s in the facility. The traffic study will determine the lift dimensional requirements.

Lift/s required for transporting patients on beds and emergency lift car/s shall be capable of accepting the largest hospital bed with emergency equipment attachments and attendants.

#### Emergency Lifts

- 5.4.00 Each lift shall start sequentially and 'home' to the Ground Floor at rated speed, open its doors and allow any passengers to alight, then shut down with doors open. The preceding lift must shut down before the next lift starts.

All lifts shall illuminate a 'Returning to Ground Floor' indicator on the car operating panel until the lift has arrived and the doors opened. Car lighting and ventilation fan within each lift shall remain operative while on emergency power operation.

On completion of the homing assignment a minimum of one lift shall continue to run and answer calls on a two button collective system and on fire service control as applicable. The other lifts shall be prevented from starting until normal mains power is restored.

#### Patient Transfer Lift Lighting

- 5.5.00 Patient transfer lifts shall have clinical observation lighting complying to AS/NZS 1680.2.5 'Interior Lighting - Hospital and medical tasks'.

#### Lift Doors

- 5.6.00 Lift car doors shall be of the horizontal opening, power operated type.

Door operators shall be adjustable speed and torque type to provide positive, efficient, quiet and smooth door closing.

Each lift car door shall be provided with a passenger protection device of the solid state modulated multi-beam infra red type with extended convergence zone protection into the hallway for greater passenger protection and to reduce the doors being damaged by trolleys and hospital beds.

### Automated Service Lifts

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- 5 .7.00 The installation of service lifts with automated loading and unloading ability is recommended to be considered between:
- Sterile Supply Unit and Operating Units
  - Pharmacy and Inpatient Units

Good planning will minimise the need for vertical transport services. Service lifts and dumb waiters cost less to install than passenger lifts.

### Telelift, Document Hoist & Pneumatic Tube Systems

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- 5 .8.00 The installation of document and materials transport systems should be considered to assist in reducing demand on passenger lifts.