

Engineering Services

Summary This Guideline in conjunction with the Engineering Services Guide, provides performance-based information for the development of design and specification documentation for health care facilities.

Document type Guideline

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Author branch Health Infrastructure

Branch contact (02) 9978 5405

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Functional group Corporate Administration - Asset Management, Finance

Applies to Local Health Districts, Specialty Network Governed Statutory Health Corporations, Affiliated Health Organisations, NSW Health Pathology, Public Health System Support Division, Cancer Institute, Community Health Centres, NSW Ambulance Service, Public Hospitals

Distributed to Ministry of Health, Public Health System, NSW Ambulance Service, Private Hospitals and Day Procedure Centres

Audience Administration;Capital Works Departments in LHDs;Asset Management

Engineering Services

GUIDELINE SUMMARY

This Guideline and the [Engineering Services Guide](#) provides performance-based information for the development of design and specification documentation for healthcare facilities.

This Guideline is to be read in conjunction with the *Engineering Services Guide* which provides detailed direction on all areas of engineering services.

KEY PRINCIPLES

A key objective for delivery of healthcare facility projects is the provision of facilities that provide for:

- Contemporary approaches to design
- Practical and easy usage
- Fitness for purpose and
- Value for money.

This Guideline identifies performance parameters and boundaries where innovations can be explored. This approach has been taken to discourage designers from using the [Engineering Services Guide](#) as default solutions, but encourage designers to apply their knowledge and skills to deliver the performance requirements within the defined parameters.

It is expected that all projects will be delivered in accordance with the requirements of all relevant codes and regulations, and all capital consultants must be aware of these obligations. The emphasis is also on encouraging innovation above prescriptive requirements, where benefits can be proven.

Any engineered deviations from relevant statutory requirements and other standards due to unique project circumstances need to be thoroughly and holistically assessed, proved, clearly articulated/ documented and signed off through by the relevant authority.

Additionally, it is expected all capital consultants will assess the provisions of standards such as the [Australian Health Facility Guidelines](#) and determine an appropriate application of these to their particular project.

This Guideline does not replace the need for the application of expert judgement in considering engineering design solutions for individual situations.

REVISION HISTORY

Version	Approved By	Amendment Notes
GL2023_009 April-2023	Deputy Secretary, Financial Services and Asset Management & Chief Financial Officer	This Guideline has undergone a significant and substantial review. The changes include: <ul style="list-style-type: none"> new and updated information in relevant guidelines, Australian Standards and the National Construction Code new technology lessons learned on the capital works program.
August-2021 (GL2021_014)	Deputy Secretary, Financial Services and Asset Management Division	Changes in Sections 2.5.6 to 2.5.11 to reflect sustainability initiatives.
August 2016 (GL2016_020)	Deputy Secretary, Strategy and Resources Division	Replaces Technical Series TS11 – Engineering Services and Sustainable Development Guidelines. Updated guideline which provides a performance-based guide for the development of design and specification documentation for health care facilities.
January 2008 (GL2008_002)	Deputy Secretary, Strategy and Resources Division	New Guideline