Table of Contents

Purpose .................................................................................................................. 2
Commencement ..................................................................................................... 2
Application ........................................................................................................... 2
Referral Agency .................................................................................................... 3
Compliance with the QDC .................................................................................... 3
Associated Requirements ..................................................................................... 3
Referenced Standards .......................................................................................... 4
Definitions ............................................................................................................ 4
Energy Efficiency – class 1 buildings .................................................................. 8
Energy Efficiency – class 2 buildings .................................................................. 9
Energy Efficient Domestic Services ...................................................................... 10
Water Conservation .............................................................................................. 10
Electricity Sub-metering ....................................................................................... 11
End of Trip Facilities ........................................................................................... 11
Schedule 1 .......................................................................................................... 14
Schedule 2 .......................................................................................................... 15
Schedule 3 .......................................................................................................... 16
Schedule 4 .......................................................................................................... 17
Version history .................................................................................................... 18
Purpose

To ensure:
(a) class 1 and class 2 buildings are energy and water efficient;
(b) the electricity supplied to each meterable premises is able to be measured appropriately; and
(c) end of trip facilities are provided in major developments located in designated local government areas.

Commencement

This version of Mandatory Part (MP) 4.1:

(a) commences on 1 February 2013; and
(b) replaces the version of MP 4.1 published on 1 November 2012.

Application

(1) This part applies to the lawful carrying out of building work as indicated by ticks (√) in the relevant columns in Table 1 below, subject to (2).
(2) This part and the relevant BCA provisions do not apply to the lawful carrying out of building work to a class 1 building where:
(a) any of the following applies:
(i) a building certifier has, by written notice given to the owner, certified that the building has been affected by a flood or storm surge; or
(ii) the building is located in a natural hazard management area (flood); or
(iii) a local government has, by written notice given to the owner or notice published on the local government’s website, declared that the building is likely to be affected by a future flood or storm surge; and
(b) a building certifier certifies the work is, or directly relates to, raising the building.

Note:
Reference should also be made to sections 36, 37, 61 and 81 of the Building Act 1975, which may affect the application of MP 4.1.

Table 1 – Application of MP 4.1

<table>
<thead>
<tr>
<th>Applications</th>
<th>Performance Requirements</th>
</tr>
</thead>
<tbody>
<tr>
<td>Construction of new class 1 buildings.</td>
<td>1</td>
</tr>
<tr>
<td>Renovation of a class 1 building.</td>
<td>√</td>
</tr>
<tr>
<td>Construction of new class 2 buildings.</td>
<td></td>
</tr>
<tr>
<td>Renovation of a sole-occupancy unit in a class 2 building.</td>
<td></td>
</tr>
<tr>
<td>Construction of a new class 3 building.</td>
<td></td>
</tr>
<tr>
<td>Construction of a new major development or a major addition to a major development located in a designated local government area.</td>
<td></td>
</tr>
</tbody>
</table>


Variation of BCA

For class 1 and 10 buildings and structures the following provisions of the BCA do not apply to a hot water system in Queensland:

(a) Performance requirement P2.6.2, and
(b) Deemed-to-satisfy clause 3.12.5.6.

Referral Agency

Local government is the referral (concurrence) agency as per item 28 in Schedule 7 Table 1 of the Sustainable Planning Regulation 2009 for building development applications to which Performance Criteria P12 applies.

Compliance with the QDC

Under section 14 of the Building Act 1975, compliance with this part can be achieved only by:

(a) complying with the relevant acceptable solution for the performance criterion; or
(b) formulating an alternative solution that complies with the performance criteria or is shown to be at least equal to the relevant criteria; or
(c) a combination of (a) and (b).

Associated Requirements

- Body Corporate and Community Management Act 1997
- Building Act 1975
- Building Code of Australia (BCA)
- Building Regulation 2006
- Electricity Act 1994
- Electricity Regulation 2006
- Electrical Safety Act 2002
- Electrical Safety Regulation 2002
- Plumbing and Drainage Act 2002
- Plumbing Code of Australia
- Queensland Plumbing and Wastewater Code
- Standard Plumbing and Drainage Regulation 2003
- Sustainable Planning Act 2009
- Sustainable Planning Regulation 2009
- Water Efficiency Labelling and Standards Act 2005
- Water Supply (Safety and Reliability) Act 2008
Referenced Standards

<table>
<thead>
<tr>
<th>Standard number</th>
<th>Date</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>AS 62053.21</td>
<td>2005</td>
<td>Electricity metering equipment (AC)–Particular requirements Part 21: Static meters for active energy (classes 1 and 2)</td>
</tr>
<tr>
<td>AS 1284.1</td>
<td>2004</td>
<td>Electricity metering – General purpose induction watt-hour meters</td>
</tr>
<tr>
<td>AS 2890.3</td>
<td>1993</td>
<td>Parking facilities Part 3: Bicycle parking facilities (including modifications as specified in Schedule 2)</td>
</tr>
</tbody>
</table>

Definitions

Note: Italicised words in the text of the part are as defined below.

Acceptable solution means a relevant building solution which is deemed to satisfy the relevant performance criterion for the purposes of section 14 (4) (a) (ii) of the Building Act 1975.

Alteration has the meaning given in the Building Act 1975.

BCA has the meaning given in the Building Act 1975 unless a particular edition of the Building Code of Australia published by the Australian Building Codes Board, including any amendments published by the board for that year, is specified (for example BCA 2009).

Bicycle means a two-wheeled vehicle designed to be propelled by human power and with overall dimensions within those specified by AS 2890.3:1993.

Bicycle parking and storage facility means an area or structure used for parking, storage or securing of bicycles, which provides a level of security for the bicycle in accordance with the security classifications provided in AS 2890.3:1993 (including modifications as specified in Schedule 2).

Change room means a room where an occupant is able to change clothes in privacy, either individually or on a gender basis and that contains washbasins, mirrors, showers and sanitary compartments.

Classes 1 to 10 has the meaning given in the BCA.

Climate zone has the meaning given in the BCA.

Commercial office building means a class 5 building as classified under the BCA.

Common area means an area of common property.

Common property means the lot allocated to the body corporate for the community titles scheme.

Community titles scheme has the meaning given in section 10 of the Body Corporate and Community Management Act 1997.

Customer has the meaning given in the Electricity Act 1994.
**Designated local government area** means

a) the area of the local governments identified in Schedule 1; or
b) for local governments not identified in Schedule 1:
   (i) the area identified in a local government planning scheme as a designated local government area for the purpose of this code; or
   (ii) the area identified by a local government resolution as a designated local government area for the purpose of this code where notice of the resolution is published:
      (A) in a newspaper that is circulating generally in the local government area; and
      (B) on the local government’s website.

**Domestic services** has the meaning given in the *BCA*.

**Electricity** includes electric current, electrical energy and the like, and any related physical qualities.

**Electricity meter** means a device that measures and records the production or consumption of electricity.

**Electricity sub-meter** means a device that measures and records the production or consumption of electricity that either:

a) is a minimum accuracy class 1 under AS62053.21:2005; or
b) complies with AS1284.1:2004.

**Employee** has the meaning given in the *Industrial Relations Act 1999*.

**End of trip facility** means a facility within a building or on-site that is required to be constructed in compliance with P12(1) of this part.

**Energy efficient lighting** is lighting with a minimum output of 27 lumens per Watt and excludes a heat lamp used in a bathroom for the purposes of radiating heat.

**Entrance** means a main path into a building that is not for emergency use.

**Floor area** has the same meaning as given in the *BCA*.

**Full time equivalents** for workforce numbers include full time aggregates of part-time and casual employee hours.

**Hospital** means a class 9a building as classified under the *BCA*.

**Locker** means a compartment for storage that can be securely locked.

**Major addition** means any addition to an existing major development that results in additional floor area of at least 1000m².

**Major development** means a:

a) commercial office building with a floor area greater than 2000m²; or
b) shopping centre with a floor area greater than 2000m²; or
c) tertiary educational facility with a floor area greater than 2000m²; or
d) hospital with a floor area greater than 2000m²; or
e) development specified in a local government planning scheme as a major development for the purposes of QDC MP 4.1

Note:
Local governments may specify additional development to be major development.

**Meter label** means a label of white heat-resistant material with black lettering fixed by means of screws, rivets or glue that clearly identifies each meterable premise.

**Meterable premises** means:
  a) the sole occupancy unit of a class 2 or class 5 building that is or will be connected to a supply of electricity, except where a sole occupancy unit of a class 2 or class 5 building has or will have an electricity meter as a customer of a retail entity or special approval holder; or
  b) each storey of a class 5 building that is or will be connected to a supply of electricity where more than one sole occupancy unit for that storey has not been identified at the time of the building’s development approval for building work, except where a storey of a class 5 building has or will have an electricity meter as a customer of a retail entity or special approval holder.

**Natural hazard management area (flood)** means an area designated as a natural hazard management area (flood) by a local government under the Building Regulation 2006, section 13.

**New** means new building work and does not include renovations to existing buildings.

**Occupants** means the number of persons accommodated in the building, as calculated in accordance with BCA Volume One Table D1.13 (Area per person) and for the purposes of calculating occupants in Schedule 3, ‘hospital’ means ‘patient care areas’, ‘shopping centre’ means ‘shop’, ‘tertiary education facility’ means ‘school’ and ‘commercial office building’ means ‘office’.

**Outdoor living area** means a space that:
  a) is directly accessible from, and attached to, a living area of the building such as a lounge, kitchen, dining and family rooms; and
  b) has a minimum floor area of 12.0m² and a minimum dimension in all directions of 2.5 metres; and
  c) is fully covered by an impervious roof; and
  d) has:
     (i) for class 1 buildings - two or more sides open or capable of being readily opened, not including the connection between the internal living area and the outdoor living area; or
     (ii) for class 2 buildings - at least one side open or capable of being readily opened, not including the connection between the internal living area and the outdoor living area.

**Performance requirement** has the meaning given in the Building Act 1975.

**Relevant BCA provisions** means section 3.12 in Volume Two of the BCA.

**Renovation** means any alteration or addition to an existing class 1 building or the sole occupancy unit of a class 2 building requiring building development approval.
Retail entity has the meaning given in the *Electricity Act 1994*.

Sanitary compartment has the meaning given in the *BCA*.

Shopping centre means premises comprising two or more individual tenancies that is comprised primarily of shops and which function as an integrated complex.

Shower means a separate and lockable compartment equipped with a showerhead.

Special approval holder has the meaning given in the *Electricity Act 1994*.

Software rating means an energy rating under the Nationwide House Energy Rating Scheme using a calculation method that complies with the Australian Building Codes Board Protocol for Houses Energy Rating Software.

Sole occupancy unit has the meaning given in the *BCA*.

Standard means the edition of Australian Standard AS 62053.21, AS 1284.1 and AS 2890.3 referenced by this part.

Storey has the meaning given in the *BCA*.

Tertiary educational facility means a class 9b building that is in a university, college or similar establishment and does not include a primary or secondary school.

Total R-Value has the meaning given in the *BCA*.

Unisex design is suitable for any gender.

Water service is defined by the *Water Supply (Safety and Reliability) Act 2008*.

Water service provider for premises, means the person registered under the *Water Supply (Safety and Reliability) Act 2008*, chapter 2, part 3, as the water service provider for retail water services for the premises.

Workforce numbers means the number of day time employees that are full time equivalents.
PERFORMANCE REQUIREMENTS

Energy Efficiency – class 1 buildings

P1 The thermal performance of a class 1 building and an enclosed class 10a building attached to a class 1 building must comply with performance requirement P2.6.1 of the BCA 2010 (Volume 2).

ACCEPTABLE SOLUTIONS

A1 (1) A class 1 building, including an enclosed class 10a building attached to a class 1 building, complies with:

(a) parts 3.12.1, 3.12.2, 3.12.3, and 3.12.4 of the BCA 2010 (Volume 2) except, for buildings in climate zones 1 and 2, disregard 3.12.1.5(a)(i) and (iii); or

(b) verification using a reference building in accordance with V2.6.2.2 of the BCA 2010 (Volume 2); or

(c) a software rating of not less than 6 stars; or

(d) in climate zones 1, 2 and 5, a combination of a software rating of not less than 4.5 stars and a nominal credit obtained under (2) to reach a total of 6 stars; or

(e) in climate zone 3, a combination of a software rating of not less than 5 stars and a nominal credit obtained under (2) to reach a total of 6 stars; or

(f) part 3.12 of the BCA 2009 (Volume 2), where a nominal credit of not less than 1 star is obtained under (2).

(2) For the purposes of (1)(d)-(f) the following nominal credits apply:

(a) 0.5 star where a building includes an outdoor living area, the roof covering of which achieves a Total R-Value of at least 1.5 for downward heat flow;

(b) 1 star where a building includes an outdoor living area the roof covering of which achieves a Total R-Value of at least 1.5 for downward heat flow and the
**OUTDOOR LIVING AREA**

- includes a permanently installed ceiling fan with a speed controller and a blade rotation diameter of not less than 900 mm;
- 1 star where a building has a solar photovoltaic system of at least 1kW in capacity (maximum power output) is installed.

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**Energy Efficiency – class 2 buildings**

P2 The thermal performance of sole occupancy units in class 2 buildings complies with performance requirement JP1 of the BCA 2009 (Volume 1).

(1) The thermal performance of sole occupancy units in class 2 buildings complies with JV1 of the BCA 2009 (Volume 1) except that:
   - (a) for JV1(a)(i) each sole occupancy unit has a software rating of not less than 4 stars; and
   - (b) for JV1(a)(ii) the average software rating of all sole occupancy units is not less than 5 star; and
   - (c) the deemed to satisfy provisions of Section J of the BCA 2009 (Volume 1) have no effect for sole occupancy units.

(2) For the purposes of calculating the average software rating under A2(1)(b) of all sole occupancy units of a class 2 building in climate zones 1 or 2 the following credits apply towards the software rating for each sole occupancy unit:
   - (a) 0.5 star where a sole occupancy unit includes an outdoor living area, the roof covering of which achieves a Total R-Value of 1.5 for downward heat flow; or
   - (b) 1 star where a sole occupancy unit includes an outdoor living area that has at least one permanently fixed ceiling fan with a speed controller and a blade rotation diameter of not less than 900mm and the roof covering achieves a Total R-Value of 1.5 for downward heat flow.
## Performance Requirements

<table>
<thead>
<tr>
<th>Requirement</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>P3</td>
<td>For class 1 buildings and an enclosed class 10a building attached to a class 1 building, artificial lighting complies with performance requirement P2.6.2(a) of BCA 2010 (Volume 2)</td>
</tr>
<tr>
<td>P4</td>
<td>In sole occupancy units of class 2 buildings fixed artificial lighting must be energy efficient.</td>
</tr>
<tr>
<td>P5</td>
<td>For class 1 and 10 buildings hot water is supplied by a hot water system.</td>
</tr>
</tbody>
</table>

## Acceptable Solutions

<table>
<thead>
<tr>
<th>Requirement</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>A3</td>
<td>Class 1 buildings, including a verandah, balcony or an enclosed class 10a building attached to a class 1 building, have: (a) artificial lighting that complies with Part 3.12.5.5 of BCA 2010 (Volume 2); or (b) energy efficient lighting for a minimum of 80 per cent of total fixed artificial lighting.</td>
</tr>
<tr>
<td>A4</td>
<td>Sole occupancy units of class 2 buildings, including a verandah, balcony or an enclosed class 10a building attached to a class 2 building, have energy efficient lighting for a minimum of 80 per cent of total fixed artificial lighting.</td>
</tr>
<tr>
<td>A5</td>
<td>A water heater in a hot water supply system can be an electrical resistance heater or any other type of heater.</td>
</tr>
</tbody>
</table>

## Water Conservation

<table>
<thead>
<tr>
<th>Requirement</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>P6</td>
<td>In class 1 and class 2 buildings, in areas serviced by a water service provider, shower roses must facilitate the efficient use of water.</td>
</tr>
<tr>
<td>A6</td>
<td>In class 1 and class 2 buildings, in areas serviced by a water service provider, all shower roses have a minimum 3-star Water Efficiency Labelling and Standards rating.</td>
</tr>
</tbody>
</table>

**Note:** Water Efficiency Labelling and Standards (WELS) references the Australian Government’s labelling and standards scheme for water efficient products.
PERFORMANCE REQUIREMENTS

P7 In class 1 and class 2 buildings, in areas serviced by a water service provider, toilet cisterns and bowls must facilitate the efficient use of water.

A7 In class 1 and class 2 buildings, in areas serviced by a water service provider, all toilet cisterns:
(a) have a dual flush function and have a minimum 4-star Water Efficiency Labelling and Standards rating; and
(b) are compatible with the size of the toilet bowl to allow for proper functioning of the toilet.

P8 In class 1 and class 2 buildings, in areas serviced by a water service provider, tap ware must facilitate the efficient use of water.

A8 In class 1 and class 2 buildings, in areas serviced by a water service provider, tap ware with a minimum 3-star Water Efficiency Labelling and Standards rating serves:
(a) laundry tubs; and
(b) kitchen sinks; and
(c) basins.

Electricity Sub-metering

P9 The electricity supplied to each meterable premises is able to be measured.

A9 Each meterable premises has an electricity sub-meter installed which measures only the electricity supplied to that meterable premises.

P10 An electricity meter must be located so it is easy and safe to read and maintain at any reasonable time.

A10 The electricity sub-meter is:
(a) installed in a common area; and
(b) free of hindrance or obstruction to a person authorised to read and/or maintain the electricity sub-meter.

P11 The electricity meter for each meterable premises must be labelled to indicate which meterable premises it is associated with.

A11 A meter label identifying which meterable premises it is associated with is affixed or located adjacent to the electricity sub-meter for each meterable premises.

PERFORMANCE REQUIREMENTS

End of Trip Facilities

P12 (1) End of trip facilities are provided for employees or occupants, in the building or on-site within a reasonable walking distance, and include:
(a) adequate bicycle parking and storage facilities; and

A12 (1) Bicycle parking and storage facilities are:
(a) easily accessible and provided in the building, or on-site within 100 metres of an entrance to the building, in accordance with:
(i) five percent (5%) of the number of employees, based
**PERFORMANCE REQUIREMENTS**

(b) adequate provision for securing belongings; and  
(c) change rooms that include adequate showers, sanitary compartments, wash basins and mirrors.

(2) Notwithstanding (1) there is no requirement to provide end of trip facilities if it would be unreasonable to provide these facilities having regard to:

(a) the projected population growth and forward planning for road upgrading and development of cycle paths; or  
(b) whether it would be practical to commute to and from the building on a bicycle, having regard to the likely commute distances and nature of the terrain; or  
(c) the condition of the road and the nature and amount of traffic potentially affecting the safety of commuters.

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**ACCEPTABLE SOLUTIONS**

(i) the occupant ratios in Schedule 3 (rounded up to the nearest whole number); and  
(b) designed and constructed in compliance with AS 2890.3:1993 (including modifications as specified in Schedule 2).

(2) Lockers are:

(a) provided in the building, or on-site within 100 metres of an entrance to the building, on a 1.6:1 ratio for every bicycle parking space; and  
(b) co-located or located within 50 metres of change rooms required by A12(3) of this part; and  
(c) provided with minimum dimensions of 900mm (height) x 300mm (width) x 450mm (depth).

(3) Change rooms:

(a) are provided in the building, or on-site within 100 metres of an entrance to the building and comply with Schedule 4, Table A, Column B; and  
i) are fitted with a lockable door or otherwise screened from public view; and  
ii) are located within 100 metres of bicycle parking and storage facilities required by A12(1) of this part if the bicycle parking and storage facilities and change rooms are not located in the building.

(4) Change rooms provide:

(a) showers that:

(i) are located within change rooms and meet Schedule 4, Table A, Column C; and  
(ii) have a minimum 3-star Water Efficiency Labelling and Standards (WELS) rating
<table>
<thead>
<tr>
<th>PERFORMANCE REQUIREMENTS</th>
<th>ACCEPTABLE SOLUTIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>shower head; and</td>
<td></td>
</tr>
<tr>
<td>(iii) dispense both hot and cold water; and</td>
<td></td>
</tr>
<tr>
<td>(b) sanitary compartments that:</td>
<td></td>
</tr>
<tr>
<td>(i) are located within change rooms, and meet Schedule 4, Table A, Column D; and</td>
<td></td>
</tr>
<tr>
<td>(ii) are constructed in compliance with F2.3 (e) and F2.5 of BCA (Volume 1); and</td>
<td></td>
</tr>
<tr>
<td>(c) wash basins that are located within change rooms and meet Schedule 4, Table A, Column E; and</td>
<td></td>
</tr>
<tr>
<td>(d) a mirror located above wash basins; and</td>
<td></td>
</tr>
<tr>
<td>(e) a hook and bench seating located within each shower compartment; and</td>
<td></td>
</tr>
<tr>
<td>(f) a socket-outlet located adjacent to each wash basin.</td>
<td></td>
</tr>
</tbody>
</table>

(5) Where change room requirements are predominantly located in a carpark or on a basement floor that is not regularly used by occupants or employees, they may not be counted towards the requirements of the BCA, Volume 1 Part F2.

(6) Notwithstanding ((1), (2), (3) & (4)), a local government planning scheme may require additional bicycle parking and storage facilities, locker facilities, change rooms, showers, sanitary compartments, wash basins and mirrors.

Note:
1. For A12(1) (a) – the occupant ratios may be used where employees based on workforce numbers cannot be determined accurately.

2. For A12(6) – refer to the Department’s website for a list of local governments that have existing end of trip facility requirements in their planning schemes. It is recommended that in all cases confirmation be obtained from the relevant local government as to whether it has any relevant end of trip facility requirements in its planning scheme.
### Schedule 1

<table>
<thead>
<tr>
<th>Designated Local Government</th>
</tr>
</thead>
<tbody>
<tr>
<td>Brisbane City Council</td>
</tr>
<tr>
<td>Bundaberg Regional Council</td>
</tr>
<tr>
<td>Cairns Regional Council</td>
</tr>
<tr>
<td>Central Highlands Regional Council</td>
</tr>
<tr>
<td>Fraser Coast Regional Council</td>
</tr>
<tr>
<td>Gladstone Regional Council</td>
</tr>
<tr>
<td>Gold Coast Regional Council</td>
</tr>
<tr>
<td>Gympie Regional Council</td>
</tr>
<tr>
<td>Ipswich City Council</td>
</tr>
<tr>
<td>Logan City Council</td>
</tr>
<tr>
<td>Mackay Regional Council</td>
</tr>
<tr>
<td>Moreton Bay Regional Council</td>
</tr>
<tr>
<td>Mount Isa City Council</td>
</tr>
<tr>
<td>Redland City Council</td>
</tr>
<tr>
<td>Rockhampton Regional Council</td>
</tr>
<tr>
<td>Southern Downs Regional Council</td>
</tr>
<tr>
<td>Sunshine Coast Regional Council</td>
</tr>
<tr>
<td>Toowoomba Regional Council</td>
</tr>
<tr>
<td>Townsville City Council</td>
</tr>
<tr>
<td>Western Downs Regional Council</td>
</tr>
</tbody>
</table>
Schedule 2

<table>
<thead>
<tr>
<th>Standard clauses affected</th>
<th>Standard modifications</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>AS 2890.3:1993</strong></td>
<td></td>
</tr>
<tr>
<td>2.2.4</td>
<td>In addition to 2.2.4:</td>
</tr>
<tr>
<td></td>
<td>Vertical storage can also comprise alternative <em>bicycle</em> storage area requirements that are available within the marketplace (e.g. wall mounted rails and racks, pods).</td>
</tr>
<tr>
<td>2.2.6</td>
<td>In addition to 2.2.6:</td>
</tr>
<tr>
<td></td>
<td>Open plan storage layouts can also comprise alternative <em>bicycle</em> storage area requirements that are available within the marketplace (e.g. double parker/double storey parking systems, pods).</td>
</tr>
<tr>
<td>Figure 2.1</td>
<td>Figure 1 also applies in addition to Figure 2.1.</td>
</tr>
</tbody>
</table>

**Figure 1**

![Diagram of two-sided parking rails](image-url)
## Schedule 3

<table>
<thead>
<tr>
<th>(A) Building Type</th>
<th>(B) Bicycle Spaces</th>
<th>(C) Security Classification (refer AS 2890.3, Table 3.1)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Commercial office building</td>
<td>1 per 30 occupants</td>
<td>2</td>
</tr>
<tr>
<td>Shopping centre</td>
<td>1 per 500 occupants</td>
<td>2</td>
</tr>
<tr>
<td>Tertiary education facility</td>
<td>1 per 375 occupants</td>
<td>2</td>
</tr>
<tr>
<td>Hospital</td>
<td>1 per 100 occupants</td>
<td>2</td>
</tr>
</tbody>
</table>
## Schedule 4

### Table A

<table>
<thead>
<tr>
<th>User Group</th>
<th>(A) Change room requirements based on bicycle parking spaces</th>
<th>(B) Change room provisions</th>
<th>(C) Number of showers required</th>
<th>(D) Number of sanitary compartments required</th>
<th>(E) Number of wash basins required</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 – 5</td>
<td>Female and Male</td>
<td>1 change room of unisex design</td>
<td>1</td>
<td>1 closet pan</td>
<td>1</td>
</tr>
<tr>
<td>6–19</td>
<td>Female</td>
<td>1</td>
<td>1</td>
<td>1 closet pan</td>
<td>1</td>
</tr>
<tr>
<td></td>
<td>Male</td>
<td>1</td>
<td>1</td>
<td>1 closet pan</td>
<td>1</td>
</tr>
<tr>
<td>20 or more</td>
<td>Female</td>
<td>1</td>
<td>2, plus 1 additional shower for every 20 bicycle parking spaces provided thereafter*.</td>
<td>2 closet pans, plus 1 additional sanitary compartment for every 60 bicycle parking spaces provided thereafter*.</td>
<td>1, plus 1 additional wash basin for every 60 bicycle parking spaces provided thereafter*.</td>
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<td>Male</td>
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<td>2, plus 1 additional shower for every 20 bicycle parking spaces provided thereafter*.</td>
<td>1 urinal and 1 closet pan, plus 1 additional sanitary compartment at the rate of 1 closet pan or 1 urinal for every 60 bicycle parking spaces provided thereafter*.</td>
<td>1, plus 1 additional wash basin for every 60 bicycle parking spaces provided thereafter*.</td>
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*Refer Table B for example of workings.

### Table B

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<td>2</td>
<td>2</td>
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<td>2</td>
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<td>1</td>
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## Version history

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