

# NATIONAL CLASSIFICATION SYSTEM - APRIL 2025

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## 00 PLANNING AND DESIGN (AUS-SPEC)

- 001 General**
  - 0001 Design reference and checklist
  - 0010 Quality requirements for design
  - 0012 Waterfront development
  - 0013 Bushfire protection (Design)
- 002 Open space**
  - 0021 Site regrading
  - 0022 Control of erosion and sedimentation (Design)
- 004 Road reserve**
  - 0041 Geometric road design
  - 0042 Pavement design
  - 0043 Subsurface drainage (Design)
  - 0044 Pathways and cycleways (Design)
- 005 Road reserve - rural**
  - 0051 Geometric rural road design - sealed
  - 0052 Geometric rural road design - unsealed
  - 0053 Rural pavement design - sealed
  - 0054 Rural pavement design - unsealed
- 006 Bridges**
  - 0061 Bridges and related structures
- 007 Public utilities**
  - 0071 Water supply - reticulation (Design)
  - 0072 Water supply - pump stations (Design)
  - 0074 Stormwater drainage (Design)
  - 0076 Sewerage systems - reticulation (Design)
  - 0077 Sewerage systems - pump stations (Design)

## 01 GENERAL

- 011 Documentation**
- 012 Tendering**
  - 0120 Pre-tendering contract preparation (AUS-SPEC)
  - 0121 Tendering
  - 0122 Information for tenderers (AUS-SPEC)
  - 0123 Conditions of tendering (AUS-SPEC)
  - 0124 Tender submission documents (AUS-SPEC)
  - 0125 Standard contract checklists (AUS-SPEC)
  - 0126 Period supply and service checklists (AUS-SPEC)
- 013 Generic preliminaries**
  - 0131 Preliminaries (Generic)
  - 0133 Preliminaries (Interior and alterations)
  - 0134 General requirements (Supply) (AUS-SPEC)
  - 0135 General requirements (Services) (AUS-SPEC)
  - 0136 General requirements (Construction) (AUS-SPEC)
  - 0138 Multiple contracts
- 014 Contract preliminaries**
  - 0140 Preliminaries - ABIC BW-2018C
  - 0141 Preliminaries - ABIC MW-2018
  - 0142 Preliminaries - ABIC SW-2018
  - 0143 Preliminaries - AS 2124 (1992)
  - 0144 Preliminaries - AS 4000 (1997)
  - 0145 Preliminaries - AS 4905 (2002)
  - 0146 Preliminaries - AS 4902 (2000)
  - 0147 Conditions of contract (AUS-SPEC)
  - 0149 Preliminaries - NCW4 (2019)
- 015 Schedule of rates (AUS-SPEC)**
  - 0152 Schedule of rates (Construction)
  - 0153 Schedules - period supply and service
- 016 Quality assurance**
  - 0160 Quality
  - 0161 Quality management (Construction) (AUS-SPEC)
  - 0162 Quality (Supply) (AUS-SPEC)
  - 0163 Quality (Delivery) (AUS-SPEC)
  - 0164 Commissioning
  - 0167 Integrated management (AUS-SPEC)
- 017 General requirements**
  - 0171 General requirements
- 0172 Environmental management
- 0173 Environmental management (AUS-SPEC)
- 018 Common requirements**
  - 0181 Adhesives, sealants and fasteners
  - 0182 Fire-stopping
  - 0183 Metals and prefinishes
  - 0184 Termite management
  - 0185 Timber products, finishes and treatment
- 019 Sundry installations**
  - 0191 Sundry items
  - 0192 [Structural components]
  - 0193 Building access safety systems
  - 0194 [Door seals and window seals]
  - 0195 [Tactile indicators and stair edgings]
  - 0196 [Prefabricated fire stair systems]

## 02 SITE, URBAN AND OPEN SPACES

- 020 Demolition**
  - 0201 Demolition
  - 0202 Demolition (Interior and alterations)
- 022 Preparation and groundwork**
  - 0221 Site preparation
  - 0222 Earthwork
  - 0223 Service trenching
  - 0224 Stormwater - site
  - 0225 Water bores
- 024 Landscape structures**
  - 0241 Landscape - walling and edging
  - 0242 Landscape - fences and barriers
  - 0243 Landscape - water features
  - 0245 [Landscape - external access automation]
- 025 Landscape cultivation**
  - 0250 Landscape - combined
  - 0251 Landscape - soils
  - 0252 Landscape - natural grass surfaces
  - 0253 Landscape - planting
  - 0254 Irrigation
  - 0255 Landscape - plant procurement
  - 0256 Landscape - establishment
  - 0257 Landscape - road reserve and street trees (AUS-SPEC)
  - 0259 Landscape - maintenance
- 026 Landscape finishes**
  - 0261 Landscape - furniture and fixtures
  - 0262 External sports and playground surfacing
- 027 Pavements**
  - 0271 Pavement base and subbase
  - 0272 Asphalt
  - 0273 Sprayed bituminous surfacing
  - 0274 Concrete pavement
  - 0275 Paving - mortar and adhesive bed
  - 0276 Paving - sand bed
  - 0277 Pavement ancillaries
  - 0278 Granular surfaces
  - 0279 Paving - on pedestals
- 028 Pathways (AUS-SPEC)**
  - 0281 Fire access and fire trails
  - 0282 Pathways and cycleways (Construction)
- 029 Retaining walls (AUS-SPEC)**
  - 0292 Masonry walls
  - 0293 Crib retaining walls
  - 0294 Gabion walls and rock filled mattresses

## 03 STRUCTURE

- 030 Foundations**
  - 0301 Piling
  - 0305 [Foundation isolation systems]
- 031 Concrete - in situ**
  - 0310 Concrete - combined
  - 0311 Concrete formwork
  - 0312 Concrete reinforcement
  - 0313 Concrete post-tensioned
  - 0314 Concrete in situ
  - 0315 Concrete finishes
  - 0318 Shotcrete
  - 0319 Auxiliary concrete works (AUS-SPEC)
- 032 Concrete - systems**
  - 0321 Precast concrete

- 0322 Tilt-up concrete
- 0325 [Concrete protection]
- 033 Masonry**
  - 0331 Brick and block construction
  - 0332 Stone masonry
  - 0333 Stone repair
  - 0334 Block construction
  - 0335 Brick construction
- 034 Steel**
  - 0341 Structural steelwork
  - 0342 Light steel framing
  - 0343 Tensioned membrane structures
  - 0344 Steel - hot-dip galvanized coatings
  - 0345 Steel - protective paint coatings
  - 0346 Structural fire protection systems
- 036 Earth**
  - 0361 Monolithic stabilised rammed earth walls
  - 0362 Mud brick and pressed earth block walls
  - 0363 Straw bale walls
- 038 Timber**
  - 0381 Structural timber
  - 0382 Light timber framing
  - 0383 Decking, sheet and panel flooring
  - 0385 Cross-laminated timber (CLT)

## 04 ENCLOSURE

- 041 Tanking and damp-proofing**
  - 0411 Waterproofing - external and tanking
- 042 Roofing**
  - 0420 Roofing - combined
  - 0422 [Roofing - daylighting devices]
  - 0423 Roofing - profiled sheet metal
  - 0424 Roofing - seamed sheet metal
  - 0425 Roofing - shingles and shakes
  - 0426 Roofing - slate
  - 0427 Roofing - tiles
  - 0428 Roofing - insulated panel systems
  - 0429 Roofing - glazed
- 043 Cladding**
  - 0430 Cladding - combined
  - 0432 Curtain walls
  - 0433 Stone cladding
  - 0434 Cladding - flat sheets and panels
  - 0435 Cladding - planks and weatherboards
  - 0436 Cladding - profiled and seamed sheet metal
  - 0437 Cladding - insulated panel systems
  - 0438 [Cladding - cement board]
  - 0439 [Cladding - systems]
- 045 Doors and windows**
  - 0451 Windows and glazed doors
  - 0453 Doors and access panels
  - 0454 Overhead doors
  - 0455 Door hardware
  - 0456 Louvre windows
  - 0457 External screens
  - 0458 [Automatic doors]
- 046 Glass**
  - 0461 Glazing
  - 0462 Structural silicone glazing
  - 0463 Glass blockwork
  - 0466 Structural glass assemblies
  - 0467 Glass components
- 047 Insulation**
  - 0471 Thermal insulation and pliable membranes
  - 0472 Acoustic insulation
  - 0473 [Acoustic floor underlays]

## 05 INTERIOR

- 051 Linings**
  - 0511 Lining
- 052 Partitions**
  - 0520 Partitions - combined
  - 0521 Partitions - demountable
  - 0522 Partitions - framed and lined
  - 0523 Partitions - brick and block
  - 0524 Partitions - glazed
  - 0525 Cubicle systems

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- 0526 Terrazzo precast
- 0527 Room dividers
- 0528 [Partitions - composite systems]
- 053 Ceilings**
- 0530 Suspended ceilings - combined
- 0532 Suspended ceilings - flush lined
- 0533 Suspended ceilings - ceiling units
- 054 Access floors**
- 0541 Access floors
- 055 Fixtures**
- 0551 Joinery
- 0552 Metalwork - fabricated
- 0553 Stainless steel benching
- 0554 [Handrails, guardrails, balustrades and other barriers]
- 057 Furniture and furnishings**
- 0571 Workstations
- 0572 Miscellaneous furniture
- 0573 Fire extinguishers and blankets
- 0574 Window coverings
- 0575 Tapestries
- 058 Signs and features**
- 0581 Signage

## 06 FINISH

- 061 Trowelled and sprayed coatings**
- 0611 Rendering and plastering
- 0612 Cementitious toppings
- 0613 Terrazzo in situ
- 062 Wet areas**
- 0621 Waterproofing - wet areas
- 063 Tiling**
- 0631 Ceramic tiling
- 0632 Stone and terrazzo tiling
- 064 Wall surfacing**
- 0641 Applied wall finishes
- 0642 Wallcoverings
- 065 Floor surfacing**
- 0651 Resilient finishes
- 0652 Carpets
- 0654 Multilayered board flooring
- 0655 Timber flooring
- 0656 Floor sanding and finishing
- 0657 Resin based seamless flooring
- 067 Painting**
- 0671 Painting
- 0672 Textured and membrane coatings
- 0673 Powder coatings

## 07 MECHANICAL

- 070 Mechanical general**
- 0700 Reference - Mechanical services
- 0701 Mechanical systems
- 0702 Mechanical design and install
- 071 Water plant**
- 0710 Mechanical services tanks, vessels and heat exchangers
- 0711 Water heaters - air source
- 0712 Water heaters - gas-fired
- 0713 Cooling towers
- 0714 Mechanical pumps
- 0715 Chillers - combined
- 0716 Chillers - centrifugal
- 0717 Chillers - water cooled screw
- 0718 Chillers - air cooled screw and scroll
- 0719 Chillers - absorption
- 072 Air plant**
- 0721 Packaged air conditioning
- 0722 Room air conditioners
- 0723 Evaporative air coolers
- 0724 Air handling plant - combined
- 0725 Air handling plant - built up
- 0726 Air handling plant - minor
- 0727 Air handling plant - packaged
- 073 Air handling components**
- 0731 Fans
- 0732 Air filters
- 0733 Air coils
- 0734 Humidifiers
- 0735 [Natural ventilation and smoke management]

- 0736 Space heating
- 0737 [Fireplaces]
- 074 Ductwork and components**
- 0741 Ductwork
- 0744 Ductwork insulation
- 0745 Attenuators and acoustic louvres
- 0746 Air grilles
- 0747 Variable air volume terminals
- 0748 Chilled beams
- 075 Piping**
- 0751 Mechanical piping
- 0752 Mechanical piping insulation
- 0753 Water treatment
- 0754 Liquid fuels
- 0755 Medical gas systems
- 0756 [Industrial gas systems]
- 0757 [Compressed air]
- 076 Refrigeration**
- 0761 Refrigeration
- 0762 Cool rooms
- 077 Control**
- 0771 Automatic controls
- 0772 Automatic controls - minor
- 0773 Building management systems
- 078 Mechanical electrical**
- 0781 Mechanical electrical
- 0782 Mechanical electrical - minor
- 0784 Motors and starters
- 079 Mechanical commissioning and maintenance**
- 0791 Mechanical commissioning
- 0792 Mechanical maintenance

## 08 HYDRAULIC

- 080 Hydraulic general**
- 0800 Reference - Hydraulic services
- 0801 Hydraulic systems
- 0802 Hydraulic design and install
- 081 Hydraulic components**
- 0811 Sanitary fixtures
- 0812 Tapware
- 0813 Water heaters
- 0814 Hydraulic pumps
- 0815 Drinking water dispensers
- 0816 Hydraulic services tanks
- 082 Hydraulic systems**
- 0821 Stormwater - buildings
- 0822 Wastewater
- 0823 Cold and heated water
- 0824 Fuel gas
- 0825 Rainwater storage systems
- 0826 Greywater systems
- 0827 [Processed water]
- 088 Hydraulic electrical**
- 0882 Hydraulic electrical - minor
- 089 Hydraulic commissioning and maintenance**
- 0891 Hydraulic maintenance

## 09 ELECTRICAL

- 090 Electrical general**
- 0900 Reference - Electrical services
- 0901 Electrical systems
- 0902 Electrical design and install
- 091 Electrical equipment**
- 0911 Cable support and duct systems
- 092 Power systems**
- 0921 Low voltage power systems
- 0925 Electric vehicle charging systems
- 093 Power supply equipment**
- 0931 Power generation - engine driven
- 0933 Power generation - photovoltaic
- 0937 Uninterruptible power supply
- 094 Power distribution equipment**
- 0941 Switchboards - proprietary
- 0942 Switchboards - custom-built
- 0943 Switchboard components
- 0947 Power factor correction
- 095 Lighting systems**
- 0951 Lighting
- 096 Communication systems**

- 0961 Information and communications technology (ICT) systems
- 0962 Television distribution systems
- 0963 Sound systems
- 097 Safety systems**
- 0971 Emergency evacuation lighting
- 0979 Lightning protection
- 098 Security systems**
- 0981 Electronic security
- 099 Electrical commissioning and maintenance**
- 0991 Electrical maintenance

## 10 FIRE

- 100 Fire general**
- 1000 Reference - Fire services
- 1001 Fire services systems
- 1002 Fire services design and install
- 101 Fire components**
- 1014 Fire services pumps
- 1016 Fire services tanks
- 103 Wet fire suppression systems**
- 1030 Combined wet fire suppression systems
- 1031 Hydrants
- 1032 Hose reels
- 1033 Sprinklers
- 104 Dry fire suppression systems**
- 1041 Gaseous fire suppression systems
- 105 Chemical fire suppression system**
- 1051 Liquid chemical fire suppression systems
- 107 Fire safety systems**
- 1072 Fire detection and alarms
- 1073 Emergency warning and intercommunication
- 108 Fire electrical**
- 1082 Fire services electrical - minor
- 109 Fire commissioning and maintenance**
- 1091 Fire services maintenance

## 11 CONSTRUCTION - ROAD RESERVE (AUS-SPEC)

- 110 General**
- 1100 Construction reference and schedules
- 1101 Traffic management
- 1102 Control of erosion and sedimentation (Construction)
- 111 Formation preparation**
- 1111 Clearing and grubbing
- 1112 Earthworks (Road reserve)
- 1113 Subgrade and formation stabilisation
- 112 Rainwater collection**
- 1121 Open drains
- 1122 Kerbs and channels (gutters)
- 113 Rigid pavements**
- 1130 Rural concrete base
- 1131 Roller compacted concrete subbase
- 1132 Lean mix concrete subbase
- 1133 Plain and reinforced concrete base
- 1134 Steel fibre reinforced concrete base
- 1135 Continuously reinforced concrete base
- 114 Flexible pavements**
- 1140 Wearing course, base and sub-base - unsealed
- 1141 Flexible pavement base and subbase
- 1142 Cold mix asphalt
- 1143 Sprayed bituminous surfacing
- 1144 Asphalt (Roadways)
- 1145 Segmental paving
- 1146 Microsurfacing
- 1147 Sprayed preservation surfacing
- 1148 Cold milling of asphalt and base course
- 115 Road openings and restorations**
- 1151 Road openings and restoration
- 1152 Road openings and restoration (Utilities)
- 116 Pavement stabilisation**
- 1161 In situ pavement stabilisation using cementitious binders
- 1162 In situ pavement stabilisation using bituminous binders
- 1163 Ex situ (plant mix) pavement stabilisation
- 1164 In situ pavement stabilisation of unsealed roads

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## 117 Pavement moisture control

- 1171 Subsurface drainage
- 1172 Subsoil and formation drains
- 1173 Pavement drains
- 1174 Drainage blankets

## 119 Traffic facilities

- 1191 Pavement markings
- 1192 Signposting
- 1193 Guide posts
- 1194 Non-rigid road safety barrier systems
- 1195 Rigid concrete safety barrier systems
- 1196 Boundary fencing for road reserves
- 1197 Street and public lighting

## 13 CONSTRUCTION - PUBLIC UTILITIES (AUS-SPEC)

### 134 Water supply

- 1341 Water supply - reticulation (Construction)
- 1342 Water supply - pump stations (Construction)

### 135 Water cycle management

- 1351 Stormwater drainage (Construction)
- 1352 Pipe drainage
- 1353 Precast box culverts
- 1354 Drainage structures

### 136 Sewerage systems

- 1361 Sewerage systems - reticulation (Construction)
- 1362 Sewerage systems - pump stations (Construction)

### 139 Others

- 1391 Service conduits
- 1392 Trenchless conduit installation
- 1393 CCTV inspection for drainage conduits

## 14 MAINTENANCE AND OPERATIONS - URBAN AND OPEN SPACES (AUS-SPEC)

### 140 General

- 1401 General requirements - parks and open space (Maintenance)
- 1402 Maintenance schedules - parks and open space
- 1403 Parks and open space maintenance plan (PMP)
- 1404 Annexures to parks and open space maintenance plan (PMP)

### 141 Horticultural

- 1411 Street landscaping
- 1412 Grass mowing in road reserves
- 1413 Tree and vegetation control in road reserves
- 1414 Weed control in road reserves
- 1415 Weed control
- 1416 Planting of annuals and trees
- 1417 Care of trees and shrubs
- 1418 Gardens
- 1419 Care of grass and turf
- 1420 Grass mowing
- 1421 Native bushland
- 1422 Dunal areas
- 1423 Pest control

### 143 Pathways

- 1431 Footpath paving repairs
- 1432 Gravel footpath repairs
- 1433 Footpath and kerb ramp repairs
- 1434 Fire access and fire trails repairs

### 144 Pavements

- 1441 Bituminous surfacing repairs
- 1442 Boat ramps

### 146 Enclosures

- 1461 Swimming enclosures
- 1462 Boundary fence repair

### 147 Equipment

- 1471 Barbecues
- 1472 Drinking fountains
- 1473 Barriers
- 1474 Lighting

- 1475 Playground equipment

- 1476 Park furniture

- 1477 Sport ground facilities

- 1478 Public art

### 148 Operation - open spaces

- 1481 Accident repairs (Recoverable)
- 1482 Accident repairs (Non-recoverable)
- 1483 Emergency call out
- 1484 Storm damage response

### 149 Operation - cleaning and waste management

- 1491 Open space litter collection
- 1492 Open space graffiti removal
- 1493 Beach cleaning

## 15 MAINTENANCE AND OPERATIONS - BUILDINGS (AUS-SPEC)

### 150 General

- 1500 NATSPEC Maintenance reference

- 1501 General requirements - building and facility (Maintenance)

- 1502 Maintenance schedules - building and facility

- 1503 Building and facility maintenance plan (BFMP)

- 1504 Annexures to building and facility maintenance plan (BFMP)

### 153 Structure

- 1530 External works
- 1531 Floors
- 1532 Walls
- 1533 Doorways and windows
- 1534 Ceilings
- 1535 Roofing

### 157 Services

- 1571 Mechanical systems - maintenance
- 1572 Hydraulic systems - maintenance
- 1573 Electrical systems - maintenance
- 1574 Fire systems - maintenance

### 158 Operation - buildings

- 1581 External building surveillance
- 1582 Accident repairs (Recoverable)
- 1583 Emergency call out
- 1584 Storm damage response
- 1585 External cleaning
- 1586 Internal cleaning
- 1587 Sanitary cleaning
- 1588 Window cleaning
- 1589 Cleaning - blinds and fire proofing of curtains

## 16 MAINTENANCE AND OPERATIONS - ROAD RESERVE (AUS-SPEC)

### 160 General

- 1601 General requirements - road reserve (Maintenance)
- 1602 Maintenance schedules - road reserve
- 1603 Road reserve maintenance plan (RMP)
- 1604 Annexures to road reserve maintenance plan (RMP)

### 161 Pavement

- 1611 Pavement sweeping
- 1612 Auxiliary work for reseals

- 1613 Repairs to bituminous surfacing

- 1614 Crack sealing

- 1615 Local shape correction

- 1616 Grading unsealed roads

- 1617 Resheeting unsealed roads

- 1618 Heavy patching

- 1619 Minor patching

- 1620 Pothole repair

- 1621 Concrete pavement repairs

- 1622 Concrete slab stabilisation

- 1623 Emergency pavement repairs

### 163 Shoulder

- 1631 Edge break repairs

- 1632 Grading unsealed shoulders

- 1633 Resheeting unsealed shoulders

- 1634 Local scour repairs

### 164 Roadside

- 1641 Kerb and channel (gutter) repairs

- 1642 Traffic islands

### 165 Pavement moisture control

- 1651 Clear road reserve subsoil drains

- 1652 Clear road reserve open drains

### 167 Traffic facilities

- 1671 Road reserve boundary fence repairs

- 1672 Road reserve fences and handrails

- 1673 Street seats and bus shelters

- 1674 Carriageway delineators

- 1675 Road reserve guard fence

- 1676 Road reserve signs

- 1677 Road reserve guide signs

### 168 Operation - road reserve

- 1681 Accident repairs (Recoverable)

- 1682 Road reserve emergency call out

- 1683 Storm damage response for road safety

- 1684 Traffic facilities - road traffic control

### 169 Operation - cleaning and waste management

- 1691 Road reserve litter collection

- 1692 Removal of graffiti visible from roads

## 17 MAINTENANCE AND OPERATIONS - BRIDGES (AUS-SPEC)

### 170 Structure

- 1701 Wharves and decks maintenance

## 18 MAINTENANCE AND OPERATIONS - PUBLIC UTILITIES (AUS-SPEC)

### 184 Water supply

- 1841 Water supply - irrigation systems

### 185 Water cycle management

- 1851 Clear open space drains
- 1852 Clear open space drainage culverts
- 1853 Clear road reserve culverts and pits
- 1854 Minor repair of lined drains in road reserves

## 20 CONVEYING

### 200 Conveying general

#### 201 Conveying equipment

- 2011 Lifts design and install

- 2012 [Escalators and moving walkways]

#### 202 Other conveying equipment

- 2021 [Pneumatic tube systems]

## CONTACT INFORMATION

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