

# NATIONAL CLASSIFICATION SYSTEM - APRIL 2019

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## 00 PLANNING AND DESIGN (AUS-SPEC)

### 001 General

- 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 rural 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)
- 0127 Commissioning - information

### 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
- 0144 Preliminaries - AS 4000
- 0145 Preliminaries - AS 4905
- 0146 Preliminaries - AS 4902
- 0147 Conditions of contract (AUS-SPEC)
- 0148 Preliminaries - ABIC EW-1

### 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]

## 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

### 024 Landscape structures

- 0241 Landscape - walling and edging
- 0242 Landscape - fences and barriers
- 0243 Landscape - water features

### 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 Bushfire perimeter tracks (Construction)
- 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
- 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 earth walls
- 0362 Mud brick walls
- 0363 Straw bale walls

### 038 Timber

- 0381 Structural timber
- 0382 Light timber framing
- 0383 Sheet flooring and decking

## 04 ENCLOSURE

### 041 Tanking and damp-proofing

- 0411 Waterproofing - external and tanking

### 042 Roofing

- 0421 Roofing - combined
- 0423 Roofing - profiled sheet metal
- 0424 Roofing - seamed sheet metal
- 0425 Roofing - shingles and shakes
- 0426 Roofing - slate
- 0427 Roofing - tiles
- 0428 [Roofing - specialised panels]
- 0429 [Daylighting devices and skylights]

### 043 Cladding

- 0431 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 - specialised panels]
- 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
- 0526 Terrazzo precast
- 0527 Room dividers
- 0528 [Partitions - composite systems]

### 053 Ceilings

- 0531 Suspended ceilings - combined
- 0532 Suspended ceilings - flush lined
- 0533 Suspended ceilings - ceiling units

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## 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 Engineered panel 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

0703 Mechanical design and construct (Design)

### 071 Water plant

0711 Chillers - combined

0712 Water heating boilers

0713 Cooling towers

0714 Mechanical pumps

0715 Tanks, vessels and heat exchangers

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

### 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

0757 [Compressed air]

0758 [Industrial gases]

## 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 Boiling, chilled, and filtered water dispensers

0816 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]

### 083 Fire systems

0831 Hydrants

0832 Hose reels

0833 Sprinklers

### 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

### 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 Telecommunications cabling

0962 Television distribution systems

0963 Sound systems

### 097 Safety systems

0971 Emergency evacuation lighting

0972 Fire detection and alarms

0973 Emergency warning and intercommunication

0979 Lightning protection

## 098 Security systems

0981 Electronic security

## 099 Electrical commissioning and maintenance

0991 Electrical maintenance

## 10 CONVEYING

### 100 Conveying general

### 101 Conveying equipment

1011 Lifts design and install

1012 [Escalators and moving walkways]

### 102 Other conveying equipment

1021 [Pneumatic tube systems]

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

### 110 General

1101 Traffic management

1102 Control of erosion and sedimentation (Construction)

### 111 Formation preparation

1111 Clearing and grubbing

1112 Earthworks (Road reserve)

1113 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

1136 Cold milling of asphalt and base course

### 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

### 115 Road openings and restorations

1151 Road openings and restoration

1152 Road openings and restoration (Utilities)

### 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 road 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)

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## 139 Others

- 1391 Service conduits
- 1392 Trenchless conduit installation

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

### 140 General

- 1401 General requirements - parks and open space (Maintenance)
- 1402 Contract schedules - parks and open space (Maintenance)
- 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 Bushfire perimeter track 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

- 1533 Doorways and windows

- 1534 Ceilings

- 1535 Roofing

### 157 Services

- 1571 Mechanical systems - maintenance

- 1572 Hydraulic systems - maintenance

- 1573 Electrical 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 Warves 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

- 1859 CCTV inspection of drainage conduits

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

### 150 General

- 1500 NATSPEC Maintenance reference
- 1501 General requirements - building and facility (Maintenance)

- 1502 Contract schedules - building and facility (Maintenance)

- 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

## CONTACT INFORMATION

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