

# NATIONAL CLASSIFICATION SYSTEM - APRIL 2020

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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)
- 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
- 0149 Preliminaries - NCW4

#### 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
- 0385 Cross-laminated timber (CLT)

## 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 - insulated panel systems
- 0429 Roofing - glazed

### 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 - 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
- 0526 Terrazzo precast
- 0527 Room dividers
- 0528 [Partitions - composite systems]

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## 053 Ceilings

- 0531 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 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

- 0710 [Steam boilers]
- 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
- 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 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

### 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
- 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 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

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## 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

## 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

## 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

### 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

1859 CCTV inspection of drainage conduits

## 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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