

NATIONAL CLASSIFICATION SYSTEM - APRIL 2018

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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 road design
- 0042 Pavement design
- 0043 Subsurface drainage (Design)
- 0044 Pathways and cycleways (Design)

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-1
- 0141 Preliminaries - ABIC MW-2008
- 0142 Preliminaries - ABIC SW-2008
- 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 [Bolted glass systems]
- 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

054 Access floors

- 0541 Access floors

055 Fixtures

- 0551 Joinery
- 0552 Metalwork - fabricated

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- 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]
- 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
- 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**
- 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**
- 1141 Flexible pavement base and subbase
- 1142 Cold mix asphalt
- 1143 Sprayed bituminous surfacing
- 1144 Asphalt (Roadways)
- 1145 Segmental paving
- 1146 Slurry seals and 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)
- 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)

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- 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 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
- 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 Contract schedules - road reserve (Maintenance)
- 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 repair
- 1632 Grading unsealed shoulders
- 1633 Resheeting unsealed shoulders
- 1634 Local scour repair
- 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 repair
- 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

CONTACT INFORMATION

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