

# NATSPEC AND AUS-SPEC WORKSECTION CLASSIFICATION LIST - OCTOBER 2009

Refer to the National Classification System Matrix for the worksections included in each NATSPEC/AUS-SPEC package: full, cut-down basic version and branded worksections.

## 0 PLANNING AND DESIGN

- 0011 Development and subdivision of land
- 0012 Waterfront development
- 0013 Bushfire protection
- 0021 Site regrading
- 0041 Geometric road layout
- 0042 Pavement design
- 0043 Subsurface drainage (Design)
- 0044 Pathways and cycleways
- 0061 Bridges and other structures
- 0071 Water supply - reticulation and pump stations (Design)
- 0074 Stormwater drainage (Design)
- 0075 Control of erosion and stormwater management
- 0076 Sewerage systems - reticulation and pump stations (Design)

## 01 GENERAL

- 0120 Information for tenders (AUS-SPEC)
- 0121 Tendering
- 0121 Conditions of tendering (AUS-SPEC)
- 0122 Tendering (Interior and alterations)
- 0123 Tender submission documents (AUS-SPEC)
- 0130 Contract preparation model (AUS-SPEC)
- 0131 Preliminaries (Generic)
- 0133 Preliminaries (Generic interior and alterations)
- 0138 Multiple contracts
- 0141 Preliminaries - ABIC MW-1
- 0141 Preliminaries - ABIC MW-2008
- 0142 Preliminaries - ABIC SW-1
- 0143 Preliminaries - AS 2124
- 0144 Preliminaries - AS 4000
- 0145 Preliminaries - AS 4905
- 0146 Preliminaries - AS 4902
- 0147 Conditions of contract (AUS-SPEC)
- 0152 Schedule of rates - supply projects (AUS-SPEC)
- 0153 Schedules - period supply and service (AUS-SPEC)
- 0154 Contract schedules for parks and recreation areas (AUS-SPEC)
- 0155 Contract schedules for buildings and facilities (AUS-SPEC)
- 0156 Contract schedules for road reserves (AUS-SPEC)
- 0160 Quality (Design) (AUS-SPEC)
- 0161 Quality (NATSPEC)
- 0161 Quality (Construction) (AUS-SPEC)
- 0162 Supply quality plan (AUS-SPEC)
- 0163 Contractors quality plan (AUS-SPEC)
- 0164 Parks and recreation areas management plan (AUS-SPEC)
- 0165 Buildings and facilities maintenance plan (AUS-SPEC)
- 0166 Road reserve management plan requirements (AUS-SPEC)
- 0167 Integrated management (AUS-SPEC)
- 0168 Green star - as built submissions
- 0169 Green star - office as built submissions
- 0171 General requirements
- 0173 General requirements (Mechanical)
- 0174 General requirements (Hydraulic)
- 0175 General requirements (Electrical)
- 0176 Technical specification for supply (AUS-SPEC)
- 0177 Technical specification for service (AUS-SPEC)
- 0179 General requirements (Construction) (AUS-SPEC)
- 0181 Adhesives, sealants and fasteners
- 0182 Fire-stopping
- 0183 Metals and prefinishes
- 0184 Termite management
- 0185 Timber products, finishes and treatment
- 0186 Building IT components
- 0191 Sundry items
- 0193 Roof access safety systems

## 02 SITE, URBAN AND OPEN SPACES

- 0201 Demolition
- 0202 Demolition (Interior and alterations)
- 0221 Site management
- 0222 Earthwork
- 0223 Service trenching
- 0224 Stormwater - site
- 0241 Landscape - walling and edging
- 0242 Landscape - fences and barriers
- 0243 Landscape - water features
- 0250 Landscape - gardening
- 0251 Landscape - soils
- 0252 Landscape - soft surfaces
- 0253 Landscape - planting
- 0254 Irrigation
- 0255 Landscape - plant procurement
- 0256 Landscape - establishment
- 0257 Landscape - roadways and street trees (AUS-SPEC)
- 0261 Landscape - furniture and fixtures
- 0271 Pavement base and subbase
- 0272 Asphaltic concrete
- 0273 Sprayed bituminous surfacing
- 0274 Concrete pavement
- 0275 Segmental pavers - mortar bed
- 0276 Segmental pavers - sand bed
- 0277 Pavement ancillaries
- 0278 Granular surfaces
- 0281 Bushfire perimeter tracks (AUS-SPEC)
- 0292 Masonry walls (AUS-SPEC)
- 0293 Crib retaining walls (AUS-SPEC)

## 03 STRUCTURE

- 0301 Piling
- 0310 Concrete - combined
- 0311 Concrete formwork
- 0312 Concrete reinforcement
- 0313 Concrete post-tensioned
- 0314 Concrete in situ
- 0315 Concrete finishes
- 0316 Precast concrete
- 0317 Tilt-up concrete
- 0318 Shotcrete
- 0319 Minor concrete works (AUS-SPEC)
- 0321 Monolithic stabilised earth walling
- 0322 Mud brick walling
- 0323 Straw bale
- 0331 Brick and block construction
- 0332 Stone masonry
- 0333 Stone repair
- 0334 Block construction
- 0335 Brick construction
- 0341 Structural steel
- 0342 Light steel framing
- 0343 Tensioned membrane structures
- 0344 Steel - hot-dip galvanized coatings
- 0345 Steel - protective paint coatings
- 0346 Structural fire protection systems
- 0381 Structural timber
- 0382 Light timber framing
- 0383 Decking and flooring underlay

## 04 ENCLOSURE

- 0411 Waterproofing - external and tanking
- 0421 Roofing - combined
- 0423 Roofing - profiled sheet metal
- 0424 Roofing - seamed sheet metal
- 0425 Roofing - shingles and shakes
- 0426 Roofing - slate
- 0427 Roofing - tiles
- 0431 Cladding - combined
- 0432 Curtain walls
- 0433 Stone cladding
- 0434 Cladding - panels
- 0435 Cladding - planks
- 0436 Cladding - profiled sheet metal
- 0437 Cladding - sheet and pre-assembled systems
- 0451 Windows and glazed doors
- 0452 Window hardware

- 0453 Doors and hatches
- 0454 Overhead doors
- 0455 Door hardware
- 0456 Louvre windows
- 0457 External screens
- 0461 Glazing
- 0462 Structural glazing
- 0463 Glass blockwork
- 0467 Glass components
- 0471 Insulation and sarking membranes
- 0472 Acoustic insulation

## 05 INTERIOR

- 0511 Lining
- 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
- 0531 Suspended ceilings - combined
- 0532 Suspended ceilings - flush lined
- 0533 Suspended ceilings - panel systems
- 0534 Suspended ceilings - tiled
- 0541 Access floors
- 0551 Joinery
- 0552 Metalwork
- 0553 Stainless steel benching
- 0554 Stairs, ladders and walkways
- 0571 Workstations
- 0572 Miscellaneous furniture
- 0573 Extinguishers and blankets
- 0574 Window coverings
- 0575 Tapestries
- 0581 Signs and display

## 06 FINISH

- 0611 Plastering
- 0612 Cementitious toppings
- 0613 Terrazzo in situ
- 0621 Waterproofing - wet areas
- 0631 Ceramic tiling
- 0632 Stone and terrazzo tiling
- 0641 Applied wall finishes
- 0651 Resilient finishes
- 0652 Carpets
- 0654 Engineered panel flooring
- 0655 Timber flooring
- 0656 Floor sanding and finishing
- 0657 Resin based seamless flooring
- 0671 Painting
- 0672 Textured and membrane coatings
- 0673 Powder coatings
- 0679 Wall papering

## 07 MECHANICAL

- 0701 Mechanical general requirements
- 0702 Mechanical design and install
- 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
- 0721 Packaged airconditioning
- 0722 Room airconditioners
- 0723 Evaporative coolers
- 0724 Air handling plant - combined
- 0725 Air handling plant - built up
- 0726 Air handling plant - minor
- 0727 Air handling plant - packaged
- 0731 Fans
- 0732 Air filters
- 0733 Air coils
- 0734 Humidifiers
- 0741 Ductwork
- 0744 Ductwork insulation

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0745 Attenuators and acoustic louvres  
 0746 Air grilles  
 0747 Variable air volume terminals  
 0751 Mechanical piping  
 0752 Mechanical piping insulation  
 0753 Water treatment  
 0754 Liquid fuels  
 0755 Medical gas systems  
 0762 Cool rooms  
 0771 Automatic controls  
 0772 Automatic controls - minor  
 0773 Building management systems  
 0781 Mechanical electrical  
 0782 Mechanical electrical - minor  
 0784 Motors and starters  
 0791 Mechanical commissioning  
 0792 Mechanical maintenance

## 08 HYDRAULIC

0801 Hydraulic general requirements  
 0802 Hydraulic design and install  
 0811 Sanitary fixtures  
 0812 Tapware  
 0813 Water heaters  
 0814 Hydraulic pumps  
 0821 Stormwater - buildings  
 0822 Wastewater  
 0823 Cold and heated water  
 0824 Fuel gas  
 0825 Rainwater storage systems  
 0826 Greywater systems  
 0831 Hydrants  
 0832 Hose reels  
 0833 Sprinklers

## 09 ELECTRICAL

0901 Electrical general requirements  
 0902 Electrical design and install  
 0911 Cable support and duct systems  
 0921 Low voltage power systems  
 0931 Power generation - engine driven  
 0933 Power generation - photovoltaic  
 0937 Uninterruptible power supply  
 0941 Switchboards - proprietary  
 0942 Switchboards - custom-built  
 0943 Switchboard components  
 0947 Power factor correction  
 0951 Lighting  
 0961 Telecommunications cabling  
 0962 Television distribution systems  
 0963 Sound systems  
 0971 Emergency evacuation lighting  
 0972 Fire detection and alarms  
 0973 Emergency warning and intercommunication  
 0979 Lightning protection  
 0981 Electronic security

## 11 CONSTRUCTION - ROADWAYS

1101 Control of traffic  
 1102 Control of erosion and sedimentation  
 1111 Clearing and grubbing  
 1112 Earthworks (Roadways)  
 1113 Stabilisation  
 1121 Open drains, including kerb and channel (gutter)  
 1122 Kerb and channel (gutter) replacement  
 1131 Rolled concrete subbase  
 1132 Mass 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  
 1141 Flexible pavements  
 1142 Bituminous cold mix  
 1143 Sprayed bituminous surfacing  
 1144 Asphaltic concrete (Roadways)  
 1145 Segmental paving  
 1146 Bituminous slurry surfacing

1151 Road openings and restoration  
 1152 Road openings and restoration (Utilities)  
 1163 Rigid concrete and road safety barrier systems (Public domain)  
 1171 Subsurface drainage  
 1172 Subsoil and foundation drains  
 1173 Pavement drains  
 1174 Drainage mats  
 1191 Pavement markings  
 1192 Signposting  
 1193 Guide posts  
 1194 Non-rigid road safety barrier systems (Public domain)  
 1195 Boundary fences for road reserves  
 1196 Street lighting

## 13 CONSTRUCTION - PUBLIC UTILITIES

1341 Water supply - reticulation and pump stations (Construction)  
 1351 Stormwater drainage (Construction)  
 1352 Pipe drainage  
 1353 Precast box culverts  
 1354 Drainage structures  
 1361 Sewerage systems - reticulation and pump stations (Construction)  
 1391 Service conduits  
 1392 Trenchless conduit installations

## 14 MAINTENANCE AND OPERATIONS - URBAN AND OPEN SPACE

1401 Technical specifications for parks and recreation areas  
 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  
 1424 Landscape - maintenance (NATSPEC)  
 1431 Footpath paving repairs  
 1432 Gravel footpath repairs  
 1433 Footpath and kerb ramp repairs adjacent to roadways  
 1441 Bituminous surfacing repairs  
 1442 Boat ramps maintenance  
 1461 Swimming enclosures maintenance  
 1462 Boundary fence repair  
 1471 Barbecues maintenance  
 1472 Drinking fountains maintenance  
 1473 Fences, rails, racks, guards and barriers  
 1474 Lighting maintenance  
 1475 Playground equipment maintenance  
 1476 Park furniture maintenance  
 1477 Sport ground facilities maintenance  
 1481 Accident repairs (Recoverable)  
 1482 Accident repairs (Non recoverable)  
 1483 Emergency call out  
 1484 Storm damage response  
 1491 Open space litter collection  
 1492 Open space graffiti removal

## 15 MAINTENANCE AND OPERATIONS - BUILDINGS

1501 Technical specifications for buildings and facilities  
 1531 Floors  
 1532 Walls  
 1533 Door-ways and windows  
 1534 Ceilings  
 1535 Roofing  
 1571 Mechanical systems  
 1572 Hydraulic systems  
 1573 Electrical systems  
 1581 External building surveillance  
 1582 Accident repairs management (Recoverable)  
 1583 Emergency call out  
 1584 Storm damage response  
 1585 External cleaning  
 1586 Internal cleaning  
 1587 Sanitary cleaning  
 1588 Windows cleaning  
 1589 Cleaning - blinds and fire proofing of curtains

## 16 MAINTENANCE AND OPERATIONS - ROADWAYS

1601 Technical specifications for road reserves  
 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  
 1631 Edge break repair  
 1632 Grading unsealed shoulders  
 1633 Resheeting unsealed shoulders  
 1634 Local scour repair  
 1641 Kerb and channel (gutter) repairs  
 1642 Traffic islands  
 1651 Clear road reserve subsoil drains  
 1652 Clear road reserve open drains  
 1671 Road reserve boundary fence repair  
 1672 Road reserve fences and handrails  
 1673 Street seats and bus shelters  
 1674 Carriageway delineators  
 1675 Roadway guard fence  
 1676 Road reserve regulatory, warning and standard signs  
 1677 Road reserve guide signs  
 1681 Accident repairs (Recoverable)  
 1682 Road reserve emergency call out  
 1683 Storm damage response for road safety  
 1684 Traffic facilities - road traffic control  
 1691 Road reserve litter collection  
 1692 Removal of graffiti visible from roads

## 17 MAINTENANCE AND OPERATIONS - BRIDGES

1701 Wharves and decks maintenance

## 18 MAINTENANCE AND OPERATIONS - PUBLIC UTILITIES

1841 Water supply - irrigation systems  
 1851 Clear open space and drains  
 1852 Clear open space drainage culverts  
 1853 Clear roadway culverts and pits  
 1854 Minor repair of road reserve lined drains  
 1881 Beach cleaning management