

NATIONAL CLASSIFICATION SYSTEM - APRIL 2022

Refer to the National Worksection Matrix for the worksections included in each NATSPEC/AUS-SPEC package: full, basic/rural cut-down version and branded worksections. See www.natspec.com.au. [Square brackets] indicate that no generic worksection is available. A NATSPEC branded worksection may be available.

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
- 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 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 earth walls
- 0362 Mud brick 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

- 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]

053 Ceilings

NATIONAL CLASSIFICATION SYSTEM - APRIL 2022

Refer to the National Worksection Matrix for the worksections included in each NATSPEC/AUS-SPEC package: full, basic/rural cut-down version and branded worksections. See www.natspec.com.au. [Square brackets] indicate that no generic worksection is available. A NATSPEC branded worksection may be available.

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 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 [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

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 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 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 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 concrete safety barrier systems
1196 Boundary fencing for road reserves
1197 Street and public lighting

NATIONAL CLASSIFICATION SYSTEM - APRIL 2022

Refer to the National Worksection Matrix for the worksections included in each NATSPEC/AUS-SPEC package: full, basic/rural cut-down version and branded worksections. See www.natspec.com.au. [Square brackets] indicate that no generic worksection is available. A NATSPEC branded worksection may be available.

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 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
- 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

NATSPEC	PHONE	1300 797 142
PO Box 1527	FAX	1300 797 143
SYDNEY NSW 1230	EMAIL	mail@natspec.com.au
Australia	WEB	www.natspec.com.au