

October 2018

## OVERVIEW OF UPDATES – TRANCHE FIVE

### MAJOR BUILDING WORKS SPECIFICATION

Updates have been rolled out for the fifth tranche of updated worksections for the specifications for Major Building Works.

The following worksections have been updated:

- Stormwater
- Sanitary Services
- Water
- LP Gas
- General Electrical
- Wiring and Accessories
- Switchboards
- Luminaires
- Communications
- Master Antenna
- Fire Detection
- Electronic Security and Access Control.

The following are new worksections:

- Generators
- Liquid Fuels
- Photovoltaic
- Uninterruptible Power Supply
- Lightning and Surge Protection.

FEEDBACK; If you have any suggestions for improvement, such as additional or modified text for the Master Specification for Major Building Works, please contact the Manager Specification Services, Telephone 8946 5021, Fax 8923 7661 or e-mail to [specification.services@nt.gov.au](mailto:specification.services@nt.gov.au)

### UPDATES

# represents the level 1 heading number when the document is generated by TDO		
CLAUSE	TOPIC	CHANGE
<b>Stormwater</b>		
#.1.2	Standards	Updated
#.1.3	Civil standard drawings	New clause
#.2.1	Notice – Witness Point	Additional inspections required
#.2.2	Inspection process	New clause
#.3	Tests – Notice – Hold Point	New Hold Points added
#.4.1	Work-as-executed drawings – Hold Point	Hold Point added. Clause made explicit.
#.6	Fill material	New clause
#.8.3	Pipe underlay (bedding)	New clause
#.8.4	Bedding material size table	New clause
#.8.5	Trench backfill	New clause
#.8.7	Anchor blocks	AS/NZS 3500.3 cited
#.10	Subsoil drains	Standard drawing CS-3121 cited
#.10.3	Excavation	New clause
#.10.4	Filter material	New clause
#.10.5	Filter material grading table	New clause

Doc ID	Version	Issued	Printed	Page
3.13 Updates Overview–Major Building Works	2018.06	October 2018	31/10/2018	1 of 3

# represents the level 1 heading number when the document is generated by TDO		
CLAUSE	TOPIC	CHANGE
#.10.6	Geotextile fabric	Clause made explicit
#.10.7	Trench width	Trench width revised 300 mm
#.10.8	Subsoil drain pipe	Clause made explicit
#.10.9	Laying and backfilling	Clause made explicit
#.10.11	End walls – Witness Point	New clause
#.11.1	Reinforced concrete pits	Clause made explicit
#.11.2	Metal access covers and grates	Clause made explicit
<b>Sanitary Services</b>		
#.1.2	Standards	Updated
#.2.1	Notice – Witness Point	Additional inspections required
#.2.2	Inspection process	New clause
#.3	Tests – Notice – Hold Point	New Hold Points added
#.4.1	Work-as-executed drawings – Hold Point	Hold Point added. Clause made explicit.
#.6.1	Finishes	Clause made explicit
#.8.1	Septic tanks	Material cited. AS/NZS 1547 cited.
#.9.3	Vent pipes	Clause made explicit
#.10.2	Authorised products	New clause
#.10.3	Labelling	New clause
#.10.6	Sealants	New clause
#.10.7	Sanitary fixtures schedule	Updated
#.11.2	Access chamber cover and frames	Load classification cited
#.11.4	Testing of access chambers – Hold Point	Hold Point added
#.11.5	Testing of access chambers / pipeline connection – Hold Point	Hold Point added
<b>Water</b>		
#.1.2	Standards	Updated
#.1.4	Backflow prevention devices	New clause
#.1.5	Microbial control	New clause
#.2.1	Notice – Witness Point	Additional inspections required
#.2.2	Inspection process	New clause
#.3	Tests – Notice – Hold Point	New Hold Points added
#.3.2	Hydrostatic tests – Hold Point	Clause made explicit
#.4.1	Work-as-executed drawings – Hold Point	Hold Point added. Clause made explicit.
#.6.3	Corrosive water areas	New clause
#.6.4	Finishes	Clause made explicit
#.7.2	Concealment	Embedded pipes clause added
#.7.3	Building penetrations – Hold Point	Hold Points added
#.7.6	Insulation	Clause made explicit
#.8	Accessories	AS 1428 cited
#.8.3	Authorised products	New clause
#.8.4	Labelling	New clause
#.8.5	Accessories schedule	Updated
#.9	Cold water system	AS 3500.1 cited
#.10	Heated water system	AS 3500.4 cited
#.11.3	Unitary electric heaters	Energy performance cited
#.11.4	Unitary gas heaters	Energy performance cited
#.11.6	Water heater type	Selections added
#.14	Heat pump hot water heating system	Clause made explicit

Doc ID	Version	Issued	Printed	Page
3.13 Updates Overview–Major Building Works	2018.06	October 2018	31/10/2018	2 of 3

# represents the level 1 heading number when the document is generated by TDO		
CLAUSE	TOPIC	CHANGE
#.15	Gas fired hot water storage system	Clause made explicit
#.17.2	Authorised products	New clause
#.17.3	Commissioning	New clause
<b>LP Gas</b>		
#.1.2	Standards	Updated
#.2.1	Notice – Witness Point	Additional inspections required
#.3.1	Pressure tests – Hold Point	Hold Point added. Clause made explicit.
#.4.1	NT Worksafe notification – Hold Point	New clause
#.4.2	Work-as-executed drawings – Hold Point	Hold Point added. Clause made explicit.
#.4.3	Certificates of compliance – Hold Point	New Hold Point added
#.4.4	Operating instructions – Witness Point	New Witness Point added
#.5.2	Finishes	Clause made explicit
#.6.3	Buried pipes	Clause made explicit
#.6.4	Quality of bedding and backfill	New clause
#.6.5	Corrosion protection	New clause
#.6.6	Building penetrations – Hold Point	New Hold Points added
#.7.8	Isolation solenoid	New clause
#.9.2	Cylinder installations	AS 1596 cited. Clause made explicit.
<b>General Electrical Requirements</b>		Major Update
<b>Wiring and Accessories</b>		Major Update
<b>Photovoltaic</b>		New Worksection
<b>Uninterruptible Power Supply</b>		New Worksection
<b>Generators</b>		New Worksection
<b>Liquid Fuel Storage</b>		New Worksection
<b>Switchboards</b>		Major Update
<b>Luminaires</b>		Major Update
<b>Communications</b>		Major Update
<b>Master Antenna TV</b>		Major Update
<b>Fire Detection</b>		
#.1.2	Standards	Updated
#.21	Magnetic Door Holders	AS 4178 removed
<b>Electronic Security and Access Control</b>		
#.1.2	Standards	Updated
<b>Lightning and Surge Protection</b>		New Worksection

Doc ID	Version	Issued	Printed	Page
3.13 Updates Overview–Major Building Works	2018.06	October 2018	31/10/2018	3 of 3