

## Tauranga Transport Operations Centre

### TTOC-03 Regional Special Conditions to the P43 Specifications for Traffic Signals

#### Document History and Status

Revision	Date	Prepared By	Authorised By	Description
A	May 2014	Haydn Wardley	Haydn Wardley	Final
B	June 2015	Haydn Wardley	Haydn Wardley	2.3.2 Deleted door lock, 2.3.2 added change over switch, Named changed for TTOC Traffic>Transport
C	August 2015	Haydn Wardley	Haydn Wardley	Change use of draft national specs TTOC 04 document to P43 Specification for Traffic Signals, therefore changed the heading numbers to suit 3.12 now 2.6.1, 2.7 now Appendix C Figure C02 Cycle loop details, 3.11.1 now 3.11.3; Added 2.3 "Tyco Eclipse". Deleted 2.3.2, 3.13, 3.15, 4.4.1, 5. Amended 2.5, 2.7
D	August 2015	Haydn Wardley	Haydn Wardley	Amended document name to P43, Amended 2.3, Added 2.3.2 Stand-by Generator connection facilities (switch socket)
E	July 2016	Haydn Wardley	James Wickham	Removed 2.3 Traffic Signals Controller and Cabinet; 2.5 removed supplier, removed repaint requirement from TTOC supply, allowed "other suppliers of retention sockets, notes on pre-approved system and guarantee period. Added galvanised poles only, no paint required; 3.11.3 removed single pair requirement. Loop Feeder added continuous feeder.
F	August 2017	Haydn Wardley	James Wickham	Added reference to TTOC documents that are shown in Appendix of TTOC 04 (P43)
G	May 2018	Haydn Wardley	James Wickham	Removed 2.6.1 requirement to have Vic roads approved push buttons, this is now optional.

#### Disclaimer

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The National Traffic Signal Specification is amended by the following clauses listed below; clauses have reference numbers that refer to the National Traffic Signal Specification.

The National Traffic Signal Specification and special conditions listed below must be read in conjunction with the RCA Infrastructure Development Code.

TTOC have a number of documents available and must be read in conjunction with these regional specifications, see TTOC - 00 Standard Traffic Signal Documents Index.

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### **Regional Special Conditions:**

#### **2.3.1 Traffic Signal Controller and Cabinet**

In addition, be fitted with power meter box supplied by a Bay of Plenty power service provider and the ability to ready the meter from the outside, without opening the main door.

#### **2.3.2 Generator Change Over Switch**

##### *2.23 Stand-by Generator Connection*

Cabinet to be fitted with a 3 point change over switch internal to cabinet, suitably rated for mains incomer, with neon indicators and marked up 'mains' above green light on left side, 'off' position in centre and 'generator' above amber light on right side. Generator intake unit to be rated at 15 amps and be accessible and functional in relation to the socket application. Test's to be implemented to ascertain no back feed voltage through mains incomer when change over switch is in the "generator" or 'off' position.

#### **2.5 Poles**

On every pole installation the contractor must arrange a pole and duct connection inspection with the TTOC prior to concreting, in addition photographic evidence of each pole to be submitted.

Where a pole retention socket system is being proposed prior approval from TTOC is required with appropriate documentation, installation manual and 5 year guarantee period shall commence from the date of installation.

#### **Appendix G**

Refer to TTOC-07 Site Acceptance Test (SAT)

#### **Appendix K**

Refer to TTOC-08 Asset Collection Sheet