



INSTALLATION CONNECTION TESTS & PROCEDURES COMMITTEE

**Ref: VESI Installation Supply Connection Tests & Procedures (ICTP)
Manual Update – 1/1/2016**

Date: 2/12/2015

To the Distributors/Stakeholder

Dear Sir,

Following consultation and agreement between the VESI ICTP committee and all Distributors, the VESI Installation Supply Connection Tests & Procedures Manual has been updated.

The January 2016 version of the manual will be accessible for download and hard copy printing from the VESI website from the 1st of January 2016.

Adherence to the altered procedures by field personnel and inclusion in training packages delivered by RTOs is effective from the 1st of February 2016.

Managers of personnel who use the VESI ICTP manual are to:

- Ensure all stakeholders receive this advice
- Implement measures to confirm compliance and acknowledgement of the changes.
- Ensure all personnel approved to undertake the VESI ICTP procedures have access to the current version of the manual either electronically or in hard copy.

Major Changes to the Manual Include:

- Mandatory requirement for completion of a polarity test prior to an NST, with skipping of the polarity test for single phase installations now removed as an option due to issues introduced by the new M1120 NST tester and inconsistent application in the field.
- Procedure 4.6 Supply Connection >100A rewritten and updated to provide testing principles and responsibilities covering installations >100amps for OH and UG supplies, new and existing installations, alterations and additions.
Extensive consultation was undertaken by the committee with stakeholders in the rewrite and update of this procedure. A successful three month field trial was also undertaken with the committee adopting the procedure as trialled.
- Digital displays and basic information for new M1120 NST tester included in new section 5.2B
- Order in Council G17 and an overview describing the intent of the three relevant orders in council added to the manual.

The **Change Summary** table below (from section 1 of the Manual) lists all of the changes to the January 2016 version of the Manual.

Change Summary	Manual Section
Updated Administration Section 1:- to reflect changes in committee personnel, Distribution business titles	1.4 1.12 1.13
Rewrite of Authorisation clause with reference to VESI STRC guidelines	1.10
Included photo of new model Dewar NST M1120 with digital display	2.3
Included photo of 50m Haycolec trailing lead	2.4
Test Procedures - Removed the current Note permitting an NST test in lieu of polarity test on single phase installations. A polarity test is now required prior to an NST test on all installations	3.5 3.7
Included an additional picture of the check test in Test procedures at an UG installation	3.6
NST test procedure – referenced digital display output where a digital NST is used.	3.7
Updated diagram of the Check Test in the UG service connection and added the following wording at step 3 Testing for de-energised of consumers mains in the pit is only required where positive identification of Consumer Mains can't be made	4.5
Underground Supply -Over 100amps reviewed, re-named and rewritten “Supply Connections Greater than 100amps:- Overhead and Underground” for both new and existing installations	4.6
Abolishment Procedure – added the wording at step 12 to re test conductors for de-energised. Also in procedure & pictures	4.16
Fault finding chart M1110 added to title. Updated the Hints comments in fault finding to reference to Section 1 Clause 1.10 Administration that identifies the requirements of personnel for connection work /fault rectification in lieu of Code of Practice on electrical safety (Green Book)	5.2A
List of DEWAR digital NST M1120 LCD screen displays and basic information.	5.2B
Included overview paragraph to the Order in Councils amendments to the Electricity Safety Act 1998 with the Order in council G17 that was the base for the subsequent Orders - extracts of G36 G33 provided	5.5

Peter O'Neill
Chairman
VESI Installation Connection Tests & Procedures Committee

VESI ITCP Management Committee

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