

URGENT INSTRUCTION SUPPLEMENT  
RUNNING CABLE AND WIRE  
CHECKING CABLE AND WIRE LOCATIONS

1. GENERAL

- 1.1 The purpose of this UIS is to supply the Installer with a new procedure for binder verification.

2. INSTRUCTIONS

- 2.1 Add new Paragraph 4.3 containing new binder verification procedure as follows:

4.3 Binder Verification

- 4.31 The binder verification procedure verifies that all binders in a cable are positioned correctly prior to termination of the second end of the cable. This verification eliminates the need for corrective action due to binder flops.

- 4.32 The following equipment is required to perform binder verification:

ITE-4442A Volt-Ohmmeter  
ITE-8914 Shorting Cord

4.33 Basic Description of Procedure

- 4.331 Binder verification can be performed by one Installer using one ITE-4442A Volt-Ohmmeter and any desired number of ITE-8914 Shorting Cords. (Any ohmmeter or continuity tester may be used in place of the ITE-4442A.) Binders can be verified without skinning the leads, by using the ITE-8914 clips (Insulation Piercing "Piranha" Type). This replaces the previous method of skinning and twisting the leads together.

NOTICE - NOT FOR USE OR DISCLOSURE OUTSIDE THE BELL  
SYSTEM EXCEPT UNDER WRITTEN AGREEMENT

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#### 4.34 Detailed Description of Procedure

- 4.341 Prior to connecting the second end of a cable, correct positioning of binders should be verified. Working at the loose end of the cable, short the first pair (i.e., blue pair) in the blue binder, the second pair (i.e., orange pair) in the orange binder, etc. This shorting is accomplished by using one of the special insulation piercing "Piranha" clips on the ITE-8914 Cord. (One clip is used to short one pair.)
- 4.342 Continue shorting appropriate pairs in binders until all binders in cable are completed.
- 4.343 The final step in verifying correct binder positioning involves the use of the ITE-4442A Volt-Ohmmeter. (Any ohmmeter or continuity tester can be substituted in place of the ITE-4442A.) Operating at the connected end, test for continuity between the first pair in the blue binder, the second pair in the orange binder, etc. If continuity is not present, binder is not positioned correctly.
- 4.344 After all binders in the cable are verified, disconnect the ITE-8914 Cords and repeat procedure for all cables containing two or more binders.

Engineering Planning Manager  
(Installation)