

TEST EQUIPMENT DOCUMENTS
 (ITE, ITD, TMO, WTI)

CONTENTS

1.	GENERAL	4.	TEST METHODS OF OPERATION (TMO)
1.1	Scope of Section	5.	WIRING TEST INSTRUCTION (WTI)
2.	INSTALLATION TEST EQUIPMENT (ITE)	6.	OBTAINING COPIES OF ITE'S, ITD'S, TMO'S AND WTI'S
3.	INSTALLATION TEST DRAWING (ITD)		

1.	<u>GENERAL</u>	-01 or -011	Simple Eqpt. Schematic (attached form)
1.1	<u>Scope of Section</u>		
1.11	This section describes and explains those installation test documents originated or adopted by Installation Engineering for use by the Installer.	-01-A1 to -01-G1, J1	Complex Eqpt. Schematic (detached plan) ←
		-10 to -14	Equipment Assembly and/or Shipping Cases
2.	<u>INSTALLATION TEST EQUIPMENT (ITE)</u>	-15 to -19	Keyshelves, Details and/or Subassemblies
2.1	The functions of the designation ITE are threefold in that:	-20 to -24	Paper Details and/or Subassemblies
2.11	A four-digit ITE code number is assigned to each set, cord or accessory designed or adopted by Installation Engineering for the Installer's use.	-25 to -29 -30 to -34 -35 to -39	Local Cables Cable Plans Local Cable Running Lists
2.12	In addition to the foregoing ITE numbers serve to identify Test Accessory Sets which consist of miscellaneous items such as test cords, test tapes, twistor cards and other small items generally required when performing tests on a particular system or type of equipment.	-40 to -49 -50 to -69	Wiring Diagram Soldering Record or Surface Wiring
2.13	An ITE number also serves to identify Manufacturing Specification drawings used to manufacture Installation Test Equipment.	-014, -0141 -0142, etc.	Change Information (DCS)
3.	<u>INSTALLATION TEST DRAWINGS (ITD'S)</u>		
3.1	The designation ITD followed by a four-digit code number designates an Installation Test Equipment Manufacturing drawing originated by Installation Engineering.	3.3	When a schematic drawing consists of one sheet excluding the CRT (Circuit Requirements Table) it may be shown in attached schematic form.
3.2	Numerical suffices (listed below) are used to differentiate the various types of ITD applications.	3.4	When a schematic drawing consists of more than one sheet not including the CRT it is shown in detached form and arranged in separated groups for each type of information. Each group is assigned an alphabetical designation as shown below. The sheets in each group are numbered in sequence beginning with sheet 1. The group and sheet number are shown on each sheet as the suffix of the order number (e.g., ITD-4446-01-B1).

SCHEMATIC NUMBERING PLAN

(Detached Plan)

- Group A Sheet Index
Supporting Information
Apparatus Index
Lead Index
Option Index
- B Functional Schematics (FS)
- C Apparatus Figures (App Fig.)
- D Circuit Notes (100 Series)
Equipment Notes (200 Series)
Information Notes (300 Series)
Cross Connection Information
and Notes (400 Series)
- E Sequence Charts (SC)
- F Circuit Requirements Table
(CRT)
Timing Requirements Table
(TRT)
- G Cabling Diagrams (CAD)
- J Integrated Circuits (IC)
High Circuit Density Circuit
Packs

4. TEST METHODS OF OPERATION (TMO)

- 4.1 TMO's furnish detailed information which enable the Installer to determine if test equipment is in correct operating condition, and also assist in locating test set troubles.
- 4.2 These documents are prepared for each ITE numbered Test and Adjusting Set.
- 4.3 When operating instructions are provided in an "Operating and Service Manual" provided with commercially purchased test equipment the TMO will make reference to the manual. In addition to the foregoing it will provide information for the procurement of additional manuals.
- 4.4 A TMO is also prepared for each ITE Tape or Twistor Card Test Accessory Set. The TMO for the Tape or Twistor Card Test Accessory Set will include

the associated "Program Documents." TMO's for Tape or Twistor Card Test Accessory Sets will not be included in Handbook 100 or listed in the Table of Contents.

5. WIRING TEST INSTRUCTIONS (WTI)

- 5.1 WTI's furnish the necessary information for the Installer to check the wiring of Installation Test Equipment.
- 5.2 When operating instructions are provided in an "Operating and Service Manual" provided with commercially purchased test equipment the WTI will also make reference to the manual. Procurement information for additional manuals will be provided as well.

6. OBTAINING COPIES OF ITE'S, ITD'S, TMO'S AND WTI'S

- 6.1 Copies of ITE's
- 6.11 Specification Drawing ITE's
- 6.111 Copies of Specification Drawing ITE's may be obtained from the Oakbrook Reproduction Organization.
- 6.12 Accessory Set ITE's
- 6.121 Those ITE's which are for Accessory Sets and are part of Handbook 250 should be ordered from the Indiana Publication Center.
- 6.2 Copies of ITD's
- 6.21 Copies of ITD's may be obtained from the Oakbrook Reproduction Organization.
- 6.3 TMO's and WTI's
- 6.31 The Table of Contents of Handbook 100 contains a listing of TMO's and WTI's.
- 6.311 Infrequently used TMO's and WTI's that are identified by a minus (-) sign in the Table of Contents are not included in Handbook 100.
- 6.312 Those TMO's and WTI's that are frequently used are included in the handbook.

6.32 TMO's and WTI's which are missing including the infrequently used ones should be ordered from the Indiana Publication Center.

6.4 ITE's, ITD's, TMO's and WTI's Which Appear in ITE Specification Stock-lists

6.41 Any ITE's, ITD's, TMO's and WTI's which appear in the stocklist of an ITE Specification but were not furnished should be ordered from Installation Stockkeeping.

→ Arrowed lines indicate new or changed information.

Engineering Planning Manager
Common Installation Engineering

Reason for Reissue:
Clarification of definition of
ITE and ITD drawings.