

Set 15
Henderson

Installation Engineering Handbook 18
Western Electric Company, Inc.
Kearny Works

T of C
September 15, 1971
Replaces: T of C
Dated 9-1-71

POWER INSTALLATION

TABLE OF CONTENTS

Listed below are the contents of this handbook as of the above date. Check the handbook against this list, order missing sections, T.I.'s and T.M.'s, initial, date and file the Table of Contents in this handbook.

BSP requirements are covered in this handbook by inclusion in the methods section.

All inquiries pertaining to the Contents of this handbook should be directed to the appropriate Regional Installation Engineering Organization contact listed at the end of this Table of Contents.

The Temporary Memoranda listed below constitutes part of this handbook and shall be filed ahead of the Table of Contents and any other document that may be authorized for inclusion ahead of the T of C.

T.M. 8.74 dated 11-20-70
T.M. 8.75 dated 5-12-71

<u>Section</u>	<u>Date</u>	<u>Subject</u>
TI-All Sections	11-13-70	Installation Instructions, Northern Electric Co. No. 5 X-Bar Frames
2	6-15-61	Location, Erection & Alignment of Power Equipment
-2A	4-18-63	Location, Erection & Alignment of Shock Protected Power Equipment for Hardened Installations
4	12-16-65	Grounding
<u>WIRING</u>		
6A	5-23-69	General
TI 6B	7-14-71	Running and Cutting
6B	2-15-68	Running and Cutting
6B-1	3-20-70	Running & Cutting - Using R-4145 or R-4146 Motor Driven Cable Puller
6C	12-21-67	Supports - Bending and Forming - Clipping - Sewing
6D	12-21-67	Repair and Painting of Wire Insulation
6V	2-15-68	Verification
<u>CONNECTING</u>		
7A	8-16-62	General
7B	12-15-60	Dressing
7C	4-24-70	Solder Lugs, Punchings and Splices
7D	8-03-71	Pressure Type Mechanical Lugs, Connectors, Splices and Connections
7E	4-24-70	Mounting Terminal Lugs and Stud Connectors
TI 7G	11-30-70	Compression Tools & Compression Connections
7G	10-19-70	Compression Tools & Compression Connections
7J	10-19-70	Compression Type Lugs & Connectors
7V	8-16-62	Verification
<u>BUS BARS</u>		
8A	4-18-68	General

Printed in U.S.A.

<u>Section</u>	<u>Date</u>	<u>Subject</u>
<u>BUS BARS (Cont.)</u>		
8B	4-18-68	Bending, Cutting, Drilling, Supporting, Erecting & Connecting
8C	8-16-62	Taping and Cleaning
8V	4-18-68	Verification
<u>CONDUIT</u>		
9A	5-01-70	General - Power Room & Frame & Aisle Lighting
9B	3-26-71	Measuring, Cutting & Bending
9C	3-26-71	Connecting, Terminating, Sealing and Painting
9V	11-19-59	Verification
<u>BUS DUCT</u>		
10	1-18-68	Bus Duct
<u>THREAD CUTTING</u>		
13	10-21-65	Pipe and Conduit
<u>CEMF CELLS</u>		
15	7-20-61	Alkaline Type
<u>INSTALLING STORAGE BATTERIES</u>		
17A	9-18-70	General, Receiving, Inspecting and Cleaning
17B	1-09-70	Installing Storage Battery Supports
17C	8-15-68	Rack Mounted
17D	5-28-71	Floor Mounted
17E	3-21-68	Connecting
17F	4-18-68	Accessories
-17M	10-10-69	Reinforcing Sagging Battery Shelves
17V	8-15-68	Verification
<u>CHARGING STORAGE BATTERIES</u>		
18A	4-19-62	General
18B	4-19-62	Measured End Charge
18C	4-19-62	Arbitrary Length Charge
18D	4-19-62	Voltage Measurements
18E	4-19-62	Electrolyte
18F	11-19-64	Boost Charge and Maintenance to Turnover
19	2-06-70	Engine Start and Control Batteries

- Indicates this section is not provided as part of this handbook. When required, this section should be ordered as indicated below.

Sections required to complete this handbook may be ordered in accordance with local practices or from:

Indiana Publication Center
Western Electric Company
P.O. Box 26205
Indianapolis, Indiana 46226
Coronet: 358-3358
Commercial: 312-630-3358

REGIONAL INSTALLATION ENGINEERING ORGANIZATIONS

Central Region - Dept. 508540
3800 Golf Road
Rolling Meadows, Illinois 60008
Coronet: 8-368-2335
Commercial: 312-956-2335

Pacific Region - Dept. 80855
898 Stewart Drive
Sunnyvale, California 94086
Coronet: 8-462-4159
Commercial: 408-739-8340
(Ask For X-4159)

Southwestern Region - Dept. 608520
200 South Hanley Road - 7th Floor
Clayton, Missouri 63105
Coronet: 8-356-5735
Commercial: 314-862-2400
(Ask For X-5735)

Mountain Northwestern Region - Dept. 708540
111 Havana Street
Aurora, Colorado 80010
Coronet: 8-363-2462
Commercial: 303-343-2462

Northeastern Region - Dept. 145130
Broad and Cedar Streets - 8th Floor
Newark, New Jersey 07102
Coronet: 8-224-7977
Commercial: 201-565-7977

Southern Region - Dept. 408650
6701 Roswell Road, N.E.
Atlanta, Georgia 30328
Coronet: 8-575-7685
Commercial: 404-266-7685

REGIONAL INSTALLATION ENGINEERING ORGANIZATIONS (Cont.)

Eastern Region - Dept. 308410
225 Schilling Circle
Cockeysville, Maryland 21030
Cornet: 8-228-6306
Commercial: 301-666-6306

Eastern Region - Dept. 308450
225 Schilling Circle
Cockeysville, Maryland 21030
Cornet: 8-228-6354
Commercial: 301-666-6354

➔ Indicates new or changed information.

Manager, Product Engineering

REASON FOR REISSUE:

Section TI 6B New

Date Checked _____

Checked By _____