

TABLE OF CONTENTS

About This Textbook	x	Part B Ground Fault Circuit Interrupters (GFCIs)	40
Additional Products to Help You Learn	xiii	4.6 Ground-Fault Circuit Interrupters (GFCIs).....	40
How to Use the <i>National Electrical Code</i>	1	4.7 Neutral-to-Case Detection.....	41
SECTION I—ELECTRICAL FUNDAMENTALS	7	4.8 Line-to-Neutral Shock Hazard.....	41
Unit 1—Matter	9	4.9 GFCI Fails—Circuit Remains Energized	42
1.1 Atomic Theory	9	4.10 GFCI Test Button	42
1.2 Electrostatic Force.....	11	Unit 4—Practice Questions	43
1.3 Atomic Charges.....	12		
1.4 Charged Material (Static Charge).....	12		
1.5 High-Voltage Electrostatic Discharge.....	13		
1.6 Lightning	14		
1.7 Lightning Protection	15		
Unit 1—Practice Questions	17		
Unit 2—Electron Theory	21	SECTION II—NEC RULES FOR BONDING AND GROUNDING	47
2.1 Electron Orbitals.....	21	Article 90—Introduction to the <i>National Electrical Code</i>	49
2.2 Valence Electrons.....	21	90.1 Purpose of the <i>NEC</i>	49
2.3 Freeing Electrons from an Atom.....	22	90.2 Scope of the <i>NEC</i>	50
2.4 Conductance	22	90.3 Code Arrangement	52
Unit 2—Practice Questions	25	90.4 Enforcement	53
Unit 3—Sources, Uses, and Dangers of Electricity	27	90.5 Mandatory Requirements and Explanatory Material	55
3.1 Electrical Power Source	27	90.7 Examination of Equipment for Product Safety	55
3.2 Electric Current Flow (Electricity).....	27	Article 90—Practice Questions	57
3.3 Electricity	28		
3.4 Dangers of Electricity	29		
3.5 <i>National Electrical Code</i>	31		
Unit 3—Practice Questions	33		
Unit 4—Circuit Protective Devices	37		
Part A Overcurrent Protection Devices	37		
4.1 Overcurrent Protection	37		
4.2 Clearing Faults.....	38		
4.3 Overcurrent Protective Device Types.....	39		
4.4 Fuses	39		
4.5 Circuit Breaker Trip Elements	40		
Chapter 1—GENERAL RULES	59		
Article 100—Definitions	61		
100 Definitions	61		
Article 110—Requirements for Electrical Installations	83		
110.1 Scope	83		
110.2 Approval of Conductors and Equipment.....	83		
110.3 Examination, Identification, Installation, Use, and Product Listing (Certification) of Equipment	84		
110.5 Conductor Material	84		
110.6 Conductor Sizes	84		
110.7 Wiring Integrity	85		
110.8 Suitable Wiring Methods	85		
110.11 Deteriorating Agents.....	85		
110.14 Conductor Termination and Splicing.....	86		
Chapter 1—Practice Questions	91		

CHAPTER 2—WIRING AND PROTECTION	97
Article 250—Grounding and Bonding	99
Part I. General	99
250.1 Scope	99
250.4 Performance Requirements for Grounding and Bonding	100
Earth Shells	104
250.6 Objectionable Current	106
Objectionable Current	107
Dangers of Objectionable Current	108
250.8 Connection of Grounding and Bonding Connectors	110
250.10 Protection of Ground Clamps and Fittings	110
250.12 Clean Surfaces	110
Part II. System Grounding and Bonding	111
250.20 Systems Required to be Grounded	111
250.21 Ungrounded Systems	112
250.24 Grounding	112
250.25 Grounding for Supply Side of the Service Disconnect	116
250.28 Main Bonding Jumper and System Bonding Jumper	117
250.30 Separately Derived Systems	118
Special Section 250.30 Separately Derived Systems	125
250.32 Buildings Supplied by a Feeder	127
250.34 Generators—Portable and Vehicle- or Trailer-Mounted	129
250.36 High-Impedance Grounded Systems	130
Part III. Grounding Electrode System and Grounding Electrode Conductor	131
250.50 Grounding Electrode System	131
250.52 Grounding Electrode Types	131
250.53 Grounding Electrode Installation Requirements	134
Measuring the Contact Resistance of Electrodes to Earth	138
Soil Resistivity	139
250.54 Auxiliary Grounding Electrodes	139
250.58 Common Grounding Electrode	140
250.62 Grounding Electrode Conductor	141
250.64 Grounding Electrode Conductor Installation	141
250.66 Sizing Grounding Electrode Conductor	145
250.68 Grounding Electrode Conductor and Bonding Jumper Connection to Grounding Electrodes	146
250.70 Grounding Electrode Conductor Termination Fittings	148
Part IV. Enclosure, Raceway, and Service Cable Connections	149
250.80 Service Raceways and Enclosures	149
250.86 Other Enclosures	149
Part V. Bonding for Fault Current	149
250.90 General	149
250.92 Bonding Equipment Containing Service Conductors	149
250.94 Bonding Communications Systems	152
250.96 Bonding Other Enclosures	153
250.97 Bonding Metal Parts Containing 277V and 480V Circuits	154
250.98 Bonding Loosely Jointed Metal Raceways	155
250.102 Neutral Conductor, Bonding Conductors, and Bonding Jumpers	155
250.104 Bonding of Piping Systems and Exposed Structural Metal	157
250.106 Lightning Protection Systems	161
Part VI. Equipment Grounding and Equipment Grounding Conductors	162
250.109 Metal Enclosures	162
250.114 Equipment Connected by Cord and Plug	162
250.118 Types of Equipment Grounding Conductors	163
250.119 Identification of Equipment Grounding Conductors	167
250.120 Equipment Grounding Conductor Installation	168
250.121 Restricted Use of Equipment Grounding Conductors	168
250.122 Sizing Equipment Grounding Conductors	168
Part VII. Methods of Equipment Grounding Conductor Connections	172
250.134 Equipment Connected by Permanent Wiring Methods	172
250.136 Equipment Secured to Grounded Metal Supports	173
250.138 Cord-and-Plug-Connected	173
250.140 Frames of Ranges, Ovens, and Clothes Dryers	173
250.142 Neutral Conductor for Effective Ground-Fault Current Path	174
250.146 Connecting Receptacle Grounding Terminal to an Equipment Grounding Conductor	175
250.148 Continuity and Attachment of Equipment Grounding Conductors in Boxes	178
Chapter 2—Practice Questions	181
CHAPTER 3—WIRING METHODS AND MATERIALS	193
Article 300—General Requirements for Wiring Methods and Materials	197
300.1 Scope	197
300.3 Conductors	198
300.10 Electrical Continuity	200
300.20 Induced Alternating Currents in Ferrous Metal Parts	200
Article 314—Outlet, Device, Pull, and Junction Boxes; Conduit Bodies; and Handhole Enclosures	203
314.1 Scope	203
314.3 Nonmetallic Boxes	203
314.4 Metal Boxes	203
Part II. Installation	204
314.25 Covers and Canopies	204
314.28 Sizing Pull and Junction Boxes	204
314.30 Handhole Enclosures	205
Article 320—Armored Cable (Type AC)	207
320.1 Scope	207

320.2	Definition.....	207	Article 386—Surface Metal Raceways.....	225																																																																																																																																																																																																																																																																																							
320.108	Equipment Grounding Conductor.....	208	386.1	Scope	225																																																																																																																																																																																																																																																																																						
Article 330—Metal-Clad Cable (Type MC).....			386.2	Definition.....	225																																																																																																																																																																																																																																																																																						
330.1	Scope	209	386.60	Equipment Grounding Conductor.....	226																																																																																																																																																																																																																																																																																						
330.2	Definition.....	209	Article 392—Cable Trays.....			227																																																																																																																																																																																																																																																																																					
330.108	Equipment Grounding Conductor.....	210	Article 334—Nonmetallic-Sheathed Cable (Type NM).....			392.1	Scope	227	334.1	Scope	211	334.2	Definition.....	211	392.2	Definition.....	227	334.108	Equipment Grounding Conductor.....	211	Article 348—Flexible Metal Conduit (Type FMC).....			392.60	Equipment Grounding Conductor.....	227	348.1	Scope	213	Chapter 3—Practice Questions.....			CHAPTER 4—EQUIPMENT FOR GENERAL USE.....			229	348.2	Definition.....	213	Article 404—Switches.....			Article 404—Switches.....			231	348.60	Equipment Grounding and Bonding Conductors	213	Article 406—Receptacles and Attachment Plugs (Caps).....			404.1	Scope	233	Article 350—Liquidtight Flexible Metal Conduit (Type LFMC).....			404.9	General-Use Snap Switches, Dimmers, and Control Switches	233	350.1	Scope	215	350.2	Definition.....	215	404.12	Grounding of Enclosures	234	350.60	Equipment Grounding and Bonding Conductors	215	Article 352—Rigid Polyvinyl Chloride Conduit (Type PVC).....			Article 406—Receptacles and Attachment Plugs (Caps).....			235	352.1	Scope	217	352.2	Definition.....	217	352.60	Equipment Grounding Conductor.....	217	Article 356—Liquidtight Flexible Nonmetallic Conduit (Type LFNC).....			406.1	Scope	235	356.1	Scope	219	356.2	Definition.....	219	356.60	Equipment Grounding Conductor.....	219	Article 358—Electrical Metallic Tubing (Type EMT).....			406.3	Receptacle Rating and Type	235	358.1	Scope	221	358.2	Definition.....	221	358.42	Couplings and Connectors	222	358.60	Equipment Grounding Conductor.....	222	Article 362—Electrical Nonmetallic Tubing (Type ENT).....			406.4	General Installation Requirements.....	236	362.1	Scope	223	362.2	Definition.....	223	362.60	Equipment Grounding Conductor.....	223	Article 408—Switchboards and Panelboards.....			406.6	Receptacle Faceplates	238	Article 410—Luminaires, Lampholders, and Lamps.....			Part I. General			406.11	Connecting Receptacle Grounding Terminal to Equipment Grounding Conductor	238	Part V. Grounding (Bonding).....			Part XVI. Special Provisions for Horticultural Lighting Equipment			Article 408—Switchboards and Panelboards			239	Part I. General			Part V. Grounding (Bonding).....			408.1	Scope	239	Part XVI. Special Provisions for Horticultural Lighting Equipment			Part XVI. Special Provisions for Horticultural Lighting Equipment			408.40	Equipment Grounding Conductor	239	Part XVI. Special Provisions for Horticultural Lighting Equipment			Part XVI. Special Provisions for Horticultural Lighting Equipment			Article 410—Luminaires, Lampholders, and Lamps			241	Part XVI. Special Provisions for Horticultural Lighting Equipment			Part XVI. Special Provisions for Horticultural Lighting Equipment			Article 410—Luminaires, Lampholders, and Lamps			241	Part XVI. Special Provisions for Horticultural Lighting Equipment			Part XVI. Special Provisions for Horticultural Lighting Equipment			410.1	Scope	241	Part XVI. Special Provisions for Horticultural Lighting Equipment			Part XVI. Special Provisions for Horticultural Lighting Equipment			410.30	Supports	241	Part XVI. Special Provisions for Horticultural Lighting Equipment			Part XVI. Special Provisions for Horticultural Lighting Equipment			Article 440—Air-Conditioning and Refrigeration Equipment			242	Part XVI. Special Provisions for Horticultural Lighting Equipment			Part XVI. Special Provisions for Horticultural Lighting Equipment			410.40	General.....	242	Part XVI. Special Provisions for Horticultural Lighting Equipment			Part XVI. Special Provisions for Horticultural Lighting Equipment			410.44	Equipment Grounding Conductor	242	Part XVI. Special Provisions for Horticultural Lighting Equipment			Part XVI. Special Provisions for Horticultural Lighting Equipment			410.46	Equipment Grounding Conductor Attachment	242	Part XVI. Special Provisions for Horticultural Lighting Equipment			Part XVI. Special Provisions for Horticultural Lighting Equipment			Article 440—Air-Conditioning and Refrigeration Equipment			243	Part XVI. Special Provisions for Horticultural Lighting Equipment			Part XVI. Special Provisions for Horticultural Lighting Equipment			440.1	Scope	243	Part XVI. Special Provisions for Horticultural Lighting Equipment			Part XVI. Special Provisions for Horticultural Lighting Equipment			440.9	Grounding and Bonding.....	243
Article 334—Nonmetallic-Sheathed Cable (Type NM).....			392.1	Scope	227																																																																																																																																																																																																																																																																																						
334.1	Scope	211	334.2	Definition.....	211	392.2	Definition.....	227	334.108	Equipment Grounding Conductor.....	211	Article 348—Flexible Metal Conduit (Type FMC).....			392.60	Equipment Grounding Conductor.....	227	348.1	Scope	213	Chapter 3—Practice Questions.....			CHAPTER 4—EQUIPMENT FOR GENERAL USE.....			229	348.2	Definition.....	213	Article 404—Switches.....			Article 404—Switches.....			231	348.60	Equipment Grounding and Bonding Conductors	213	Article 406—Receptacles and Attachment Plugs (Caps).....			404.1	Scope	233	Article 350—Liquidtight Flexible Metal Conduit (Type LFMC).....			404.9	General-Use Snap Switches, Dimmers, and Control Switches	233	350.1	Scope	215	350.2	Definition.....	215	404.12	Grounding of Enclosures	234	350.60	Equipment Grounding and Bonding Conductors	215	Article 352—Rigid Polyvinyl Chloride Conduit (Type PVC).....			Article 406—Receptacles and Attachment Plugs (Caps).....			235	352.1	Scope	217	352.2	Definition.....	217	352.60	Equipment Grounding Conductor.....	217	Article 356—Liquidtight Flexible Nonmetallic Conduit (Type LFNC).....			406.1	Scope	235	356.1	Scope	219	356.2	Definition.....	219	356.60	Equipment Grounding Conductor.....	219	Article 358—Electrical Metallic Tubing (Type EMT).....			406.3	Receptacle Rating and Type	235	358.1	Scope	221	358.2	Definition.....	221	358.42	Couplings and Connectors	222	358.60	Equipment Grounding Conductor.....	222	Article 362—Electrical Nonmetallic Tubing (Type ENT).....			406.4	General Installation Requirements.....	236	362.1	Scope	223	362.2	Definition.....	223	362.60	Equipment Grounding Conductor.....	223	Article 408—Switchboards and Panelboards.....			406.6	Receptacle Faceplates	238	Article 410—Luminaires, Lampholders, and Lamps.....			Part I. General			406.11	Connecting Receptacle Grounding Terminal to Equipment Grounding Conductor	238	Part V. Grounding (Bonding).....			Part XVI. Special Provisions for Horticultural Lighting Equipment			Article 408—Switchboards and Panelboards			239	Part I. General			Part V. Grounding (Bonding).....			408.1	Scope	239	Part XVI. Special Provisions for Horticultural Lighting Equipment			Part XVI. Special Provisions for Horticultural Lighting Equipment			408.40	Equipment Grounding Conductor	239	Part XVI. Special Provisions for Horticultural Lighting Equipment			Part XVI. Special Provisions for Horticultural Lighting Equipment			Article 410—Luminaires, Lampholders, and Lamps			241	Part XVI. Special Provisions for Horticultural Lighting Equipment			Part XVI. Special Provisions for Horticultural Lighting Equipment			Article 410—Luminaires, Lampholders, and Lamps			241	Part XVI. Special Provisions for Horticultural Lighting Equipment			Part XVI. Special Provisions for Horticultural Lighting Equipment			410.1	Scope	241	Part XVI. Special Provisions for Horticultural Lighting Equipment			Part XVI. Special Provisions for Horticultural Lighting Equipment			410.30	Supports	241	Part XVI. Special Provisions for Horticultural Lighting Equipment			Part XVI. Special Provisions for Horticultural Lighting Equipment			Article 440—Air-Conditioning and Refrigeration Equipment			242	Part XVI. Special Provisions for Horticultural Lighting Equipment			Part XVI. Special Provisions for Horticultural Lighting Equipment			410.40	General.....	242	Part XVI. Special Provisions for Horticultural Lighting Equipment			Part XVI. Special Provisions for Horticultural Lighting Equipment			410.44	Equipment Grounding Conductor	242	Part XVI. Special Provisions for Horticultural Lighting Equipment			Part XVI. Special Provisions for Horticultural Lighting Equipment			410.46	Equipment Grounding Conductor Attachment	242	Part XVI. Special Provisions for Horticultural Lighting Equipment			Part XVI. Special Provisions for Horticultural Lighting Equipment			Article 440—Air-Conditioning and Refrigeration Equipment			243	Part XVI. Special Provisions for Horticultural Lighting Equipment			Part XVI. Special Provisions for Horticultural Lighting Equipment			440.1	Scope	243	Part XVI. Special Provisions for Horticultural Lighting Equipment			Part XVI. Special Provisions for Horticultural Lighting Equipment			440.9	Grounding and Bonding.....	243									
334.2	Definition.....	211	392.2	Definition.....	227																																																																																																																																																																																																																																																																																						
334.108	Equipment Grounding Conductor.....	211	Article 348—Flexible Metal Conduit (Type FMC).....			392.60	Equipment Grounding Conductor.....	227	348.1	Scope	213	Chapter 3—Practice Questions.....			CHAPTER 4—EQUIPMENT FOR GENERAL USE.....			229	348.2	Definition.....	213	Article 404—Switches.....			Article 404—Switches.....			231	348.60	Equipment Grounding and Bonding Conductors	213	Article 406—Receptacles and Attachment Plugs (Caps).....			404.1	Scope	233	Article 350—Liquidtight Flexible Metal Conduit (Type LFMC).....			404.9	General-Use Snap Switches, Dimmers, and Control Switches	233	350.1	Scope	215	350.2	Definition.....	215	404.12	Grounding of Enclosures	234	350.60	Equipment Grounding and Bonding Conductors	215	Article 352—Rigid Polyvinyl Chloride Conduit (Type PVC).....			Article 406—Receptacles and Attachment Plugs (Caps).....			235	352.1	Scope	217	352.2	Definition.....	217	352.60	Equipment Grounding Conductor.....	217	Article 356—Liquidtight Flexible Nonmetallic Conduit (Type LFNC).....			406.1	Scope	235	356.1	Scope	219	356.2	Definition.....	219	356.60	Equipment Grounding Conductor.....	219	Article 358—Electrical Metallic Tubing (Type EMT).....			406.3	Receptacle Rating and Type	235	358.1	Scope	221	358.2	Definition.....	221	358.42	Couplings and Connectors	222	358.60	Equipment Grounding Conductor.....	222	Article 362—Electrical Nonmetallic Tubing (Type ENT).....			406.4	General Installation Requirements.....	236	362.1	Scope	223	362.2	Definition.....	223	362.60	Equipment Grounding Conductor.....	223	Article 408—Switchboards and Panelboards.....			406.6	Receptacle Faceplates	238	Article 410—Luminaires, Lampholders, and Lamps.....			Part I. General			406.11	Connecting Receptacle Grounding Terminal to Equipment Grounding Conductor	238	Part V. Grounding (Bonding).....			Part XVI. Special Provisions for Horticultural Lighting Equipment			Article 408—Switchboards and Panelboards			239	Part I. General			Part V. Grounding (Bonding).....			408.1	Scope	239	Part XVI. Special Provisions for Horticultural Lighting Equipment			Part XVI. Special Provisions for Horticultural Lighting Equipment			408.40	Equipment Grounding Conductor	239	Part XVI. Special Provisions for Horticultural Lighting Equipment			Part XVI. Special Provisions for Horticultural Lighting Equipment			Article 410—Luminaires, Lampholders, and Lamps			241	Part XVI. Special Provisions for Horticultural Lighting Equipment			Part XVI. Special Provisions for Horticultural Lighting Equipment			Article 410—Luminaires, Lampholders, and Lamps			241	Part XVI. Special Provisions for Horticultural Lighting Equipment			Part XVI. Special Provisions for Horticultural Lighting Equipment			410.1	Scope	241	Part XVI. Special Provisions for Horticultural Lighting Equipment			Part XVI. Special Provisions for Horticultural Lighting Equipment			410.30	Supports	241	Part XVI. Special Provisions for Horticultural Lighting Equipment			Part XVI. Special Provisions for Horticultural Lighting Equipment			Article 440—Air-Conditioning and Refrigeration Equipment			242	Part XVI. Special Provisions for Horticultural Lighting Equipment			Part XVI. Special Provisions for Horticultural Lighting Equipment			410.40	General.....	242	Part XVI. Special Provisions for Horticultural Lighting Equipment			Part XVI. Special Provisions for Horticultural Lighting Equipment			410.44	Equipment Grounding Conductor	242	Part XVI. Special Provisions for Horticultural Lighting Equipment			Part XVI. Special Provisions for Horticultural Lighting Equipment			410.46	Equipment Grounding Conductor Attachment	242	Part XVI. Special Provisions for Horticultural Lighting Equipment			Part XVI. Special Provisions for Horticultural Lighting Equipment			Article 440—Air-Conditioning and Refrigeration Equipment			243	Part XVI. Special Provisions for Horticultural Lighting Equipment			Part XVI. Special Provisions for Horticultural Lighting Equipment			440.1	Scope	243	Part XVI. Special Provisions for Horticultural Lighting Equipment			Part XVI. Special Provisions for Horticultural Lighting Equipment			440.9	Grounding and Bonding.....	243																		
Article 348—Flexible Metal Conduit (Type FMC).....			392.60	Equipment Grounding Conductor.....	227																																																																																																																																																																																																																																																																																						
348.1	Scope	213	Chapter 3—Practice Questions.....			CHAPTER 4—EQUIPMENT FOR GENERAL USE.....			229	348.2	Definition.....	213	Article 404—Switches.....			Article 404—Switches.....			231	348.60	Equipment Grounding and Bonding Conductors	213	Article 406—Receptacles and Attachment Plugs (Caps).....			404.1	Scope	233	Article 350—Liquidtight Flexible Metal Conduit (Type LFMC).....			404.9	General-Use Snap Switches, Dimmers, and Control Switches	233	350.1	Scope	215	350.2	Definition.....	215	404.12	Grounding of Enclosures	234	350.60	Equipment Grounding and Bonding Conductors	215	Article 352—Rigid Polyvinyl Chloride Conduit (Type PVC).....			Article 406—Receptacles and Attachment Plugs (Caps).....			235	352.1	Scope	217	352.2	Definition.....	217	352.60	Equipment Grounding Conductor.....	217	Article 356—Liquidtight Flexible Nonmetallic Conduit (Type LFNC).....			406.1	Scope	235	356.1	Scope	219	356.2	Definition.....	219	356.60	Equipment Grounding Conductor.....	219	Article 358—Electrical Metallic Tubing (Type EMT).....			406.3	Receptacle Rating and Type	235	358.1	Scope	221	358.2	Definition.....	221	358.42	Couplings and Connectors	222	358.60	Equipment Grounding Conductor.....	222	Article 362—Electrical Nonmetallic Tubing (Type ENT).....			406.4	General Installation Requirements.....	236	362.1	Scope	223	362.2	Definition.....	223	362.60	Equipment Grounding Conductor.....	223	Article 408—Switchboards and Panelboards.....			406.6	Receptacle Faceplates	238	Article 410—Luminaires, Lampholders, and Lamps.....			Part I. General			406.11	Connecting Receptacle Grounding Terminal to Equipment Grounding Conductor	238	Part V. Grounding (Bonding).....			Part XVI. Special Provisions for Horticultural Lighting Equipment			Article 408—Switchboards and Panelboards			239	Part I. General			Part V. Grounding (Bonding).....			408.1	Scope	239	Part XVI. Special Provisions for Horticultural Lighting Equipment			Part XVI. Special Provisions for Horticultural Lighting Equipment			408.40	Equipment Grounding Conductor	239	Part XVI. Special Provisions for Horticultural Lighting Equipment			Part XVI. Special Provisions for Horticultural Lighting Equipment			Article 410—Luminaires, Lampholders, and Lamps			241	Part XVI. Special Provisions for Horticultural Lighting Equipment			Part XVI. Special Provisions for Horticultural Lighting Equipment			Article 410—Luminaires, Lampholders, and Lamps			241	Part XVI. Special Provisions for Horticultural Lighting Equipment			Part XVI. Special Provisions for Horticultural Lighting Equipment			410.1	Scope	241	Part XVI. Special Provisions for Horticultural Lighting Equipment			Part XVI. Special Provisions for Horticultural Lighting Equipment			410.30	Supports	241	Part XVI. Special Provisions for Horticultural Lighting Equipment			Part XVI. Special Provisions for Horticultural Lighting Equipment			Article 440—Air-Conditioning and Refrigeration Equipment			242	Part XVI. Special Provisions for Horticultural Lighting Equipment			Part XVI. Special Provisions for Horticultural Lighting Equipment			410.40	General.....	242	Part XVI. Special Provisions for Horticultural Lighting Equipment			Part XVI. Special Provisions for Horticultural Lighting Equipment			410.44	Equipment Grounding Conductor	242	Part XVI. Special Provisions for Horticultural Lighting Equipment			Part XVI. Special Provisions for Horticultural Lighting Equipment			410.46	Equipment Grounding Conductor Attachment	242	Part XVI. Special Provisions for Horticultural Lighting Equipment			Part XVI. Special Provisions for Horticultural Lighting Equipment			Article 440—Air-Conditioning and Refrigeration Equipment			243	Part XVI. Special Provisions for Horticultural Lighting Equipment			Part XVI. Special Provisions for Horticultural Lighting Equipment			440.1	Scope	243	Part XVI. Special Provisions for Horticultural Lighting Equipment			Part XVI. Special Provisions for Horticultural Lighting Equipment			440.9	Grounding and Bonding.....	243																											
Chapter 3—Practice Questions.....			CHAPTER 4—EQUIPMENT FOR GENERAL USE.....			229																																																																																																																																																																																																																																																																																					
348.2	Definition.....	213	Article 404—Switches.....			Article 404—Switches.....			231	348.60	Equipment Grounding and Bonding Conductors	213	Article 406—Receptacles and Attachment Plugs (Caps).....			404.1	Scope	233	Article 350—Liquidtight Flexible Metal Conduit (Type LFMC).....			404.9	General-Use Snap Switches, Dimmers, and Control Switches	233	350.1	Scope	215	350.2	Definition.....	215	404.12	Grounding of Enclosures	234	350.60	Equipment Grounding and Bonding Conductors	215	Article 352—Rigid Polyvinyl Chloride Conduit (Type PVC).....			Article 406—Receptacles and Attachment Plugs (Caps).....			235	352.1	Scope	217	352.2	Definition.....	217	352.60	Equipment Grounding Conductor.....	217	Article 356—Liquidtight Flexible Nonmetallic Conduit (Type LFNC).....			406.1	Scope	235	356.1	Scope	219	356.2	Definition.....	219	356.60	Equipment Grounding Conductor.....	219	Article 358—Electrical Metallic Tubing (Type EMT).....			406.3	Receptacle Rating and Type	235	358.1	Scope	221	358.2	Definition.....	221	358.42	Couplings and Connectors	222	358.60	Equipment Grounding Conductor.....	222	Article 362—Electrical Nonmetallic Tubing (Type ENT).....			406.4	General Installation Requirements.....	236	362.1	Scope	223	362.2	Definition.....	223	362.60	Equipment Grounding Conductor.....	223	Article 408—Switchboards and Panelboards.....			406.6	Receptacle Faceplates	238	Article 410—Luminaires, Lampholders, and Lamps.....			Part I. General			406.11	Connecting Receptacle Grounding Terminal to Equipment Grounding Conductor	238	Part V. Grounding (Bonding).....			Part XVI. Special Provisions for Horticultural Lighting Equipment			Article 408—Switchboards and Panelboards			239	Part I. General			Part V. Grounding (Bonding).....			408.1	Scope	239	Part XVI. Special Provisions for Horticultural Lighting Equipment			Part XVI. Special Provisions for Horticultural Lighting Equipment			408.40	Equipment Grounding Conductor	239	Part XVI. Special Provisions for Horticultural Lighting Equipment			Part XVI. Special Provisions for Horticultural Lighting Equipment			Article 410—Luminaires, Lampholders, and Lamps			241	Part XVI. Special Provisions for Horticultural Lighting Equipment			Part XVI. Special Provisions for Horticultural Lighting Equipment			Article 410—Luminaires, Lampholders, and Lamps			241	Part XVI. Special Provisions for Horticultural Lighting Equipment			Part XVI. Special Provisions for Horticultural Lighting Equipment			410.1	Scope	241	Part XVI. Special Provisions for Horticultural Lighting Equipment			Part XVI. Special Provisions for Horticultural Lighting Equipment			410.30	Supports	241	Part XVI. Special Provisions for Horticultural Lighting Equipment			Part XVI. Special Provisions for Horticultural Lighting Equipment			Article 440—Air-Conditioning and Refrigeration Equipment			242	Part XVI. Special Provisions for Horticultural Lighting Equipment			Part XVI. Special Provisions for Horticultural Lighting Equipment			410.40	General.....	242	Part XVI. Special Provisions for Horticultural Lighting Equipment			Part XVI. Special Provisions for Horticultural Lighting Equipment			410.44	Equipment Grounding Conductor	242	Part XVI. Special Provisions for Horticultural Lighting Equipment			Part XVI. Special Provisions for Horticultural Lighting Equipment			410.46	Equipment Grounding Conductor Attachment	242	Part XVI. Special Provisions for Horticultural Lighting Equipment			Part XVI. Special Provisions for Horticultural Lighting Equipment			Article 440—Air-Conditioning and Refrigeration Equipment			243	Part XVI. Special Provisions for Horticultural Lighting Equipment			Part XVI. Special Provisions for Horticultural Lighting Equipment			440.1	Scope	243	Part XVI. Special Provisions for Horticultural Lighting Equipment			Part XVI. Special Provisions for Horticultural Lighting Equipment			440.9	Grounding and Bonding.....	243																																					
Article 404—Switches.....			Article 404—Switches.....			231																																																																																																																																																																																																																																																																																					
348.60	Equipment Grounding and Bonding Conductors	213	Article 406—Receptacles and Attachment Plugs (Caps).....			404.1	Scope	233	Article 350—Liquidtight Flexible Metal Conduit (Type LFMC).....			404.9	General-Use Snap Switches, Dimmers, and Control Switches	233	350.1	Scope	215	350.2	Definition.....	215	404.12	Grounding of Enclosures	234	350.60	Equipment Grounding and Bonding Conductors	215	Article 352—Rigid Polyvinyl Chloride Conduit (Type PVC).....			Article 406—Receptacles and Attachment Plugs (Caps).....			235	352.1	Scope	217	352.2	Definition.....	217	352.60	Equipment Grounding Conductor.....	217	Article 356—Liquidtight Flexible Nonmetallic Conduit (Type LFNC).....			406.1	Scope	235	356.1	Scope	219	356.2	Definition.....	219	356.60	Equipment Grounding Conductor.....	219	Article 358—Electrical Metallic Tubing (Type EMT).....			406.3	Receptacle Rating and Type	235	358.1	Scope	221	358.2	Definition.....	221	358.42	Couplings and Connectors	222	358.60	Equipment Grounding Conductor.....	222	Article 362—Electrical Nonmetallic Tubing (Type ENT).....			406.4	General Installation Requirements.....	236	362.1	Scope	223	362.2	Definition.....	223	362.60	Equipment Grounding Conductor.....	223	Article 408—Switchboards and Panelboards.....			406.6	Receptacle Faceplates	238	Article 410—Luminaires, Lampholders, and Lamps.....			Part I. General			406.11	Connecting Receptacle Grounding Terminal to Equipment Grounding Conductor	238	Part V. Grounding (Bonding).....			Part XVI. Special Provisions for Horticultural Lighting Equipment			Article 408—Switchboards and Panelboards			239	Part I. General			Part V. Grounding (Bonding).....			408.1	Scope	239	Part XVI. Special Provisions for Horticultural Lighting Equipment			Part XVI. Special Provisions for Horticultural Lighting Equipment			408.40	Equipment Grounding Conductor	239	Part XVI. Special Provisions for Horticultural Lighting Equipment			Part XVI. Special Provisions for Horticultural Lighting Equipment			Article 410—Luminaires, Lampholders, and Lamps			241	Part XVI. Special Provisions for Horticultural Lighting Equipment			Part XVI. Special Provisions for Horticultural Lighting Equipment			Article 410—Luminaires, Lampholders, and Lamps			241	Part XVI. Special Provisions for Horticultural Lighting Equipment			Part XVI. Special Provisions for Horticultural Lighting Equipment			410.1	Scope	241	Part XVI. Special Provisions for Horticultural Lighting Equipment			Part XVI. Special Provisions for Horticultural Lighting Equipment			410.30	Supports	241	Part XVI. Special Provisions for Horticultural Lighting Equipment			Part XVI. Special Provisions for Horticultural Lighting Equipment			Article 440—Air-Conditioning and Refrigeration Equipment			242	Part XVI. Special Provisions for Horticultural Lighting Equipment			Part XVI. Special Provisions for Horticultural Lighting Equipment			410.40	General.....	242	Part XVI. Special Provisions for Horticultural Lighting Equipment			Part XVI. Special Provisions for Horticultural Lighting Equipment			410.44	Equipment Grounding Conductor	242	Part XVI. Special Provisions for Horticultural Lighting Equipment			Part XVI. Special Provisions for Horticultural Lighting Equipment			410.46	Equipment Grounding Conductor Attachment	242	Part XVI. Special Provisions for Horticultural Lighting Equipment			Part XVI. Special Provisions for Horticultural Lighting Equipment			Article 440—Air-Conditioning and Refrigeration Equipment			243	Part XVI. Special Provisions for Horticultural Lighting Equipment			Part XVI. Special Provisions for Horticultural Lighting Equipment			440.1	Scope	243	Part XVI. Special Provisions for Horticultural Lighting Equipment			Part XVI. Special Provisions for Horticultural Lighting Equipment			440.9	Grounding and Bonding.....	243																																															
Article 406—Receptacles and Attachment Plugs (Caps).....			404.1	Scope	233																																																																																																																																																																																																																																																																																						
Article 350—Liquidtight Flexible Metal Conduit (Type LFMC).....			404.9	General-Use Snap Switches, Dimmers, and Control Switches	233																																																																																																																																																																																																																																																																																						
350.1	Scope	215	350.2	Definition.....	215	404.12	Grounding of Enclosures	234	350.60	Equipment Grounding and Bonding Conductors	215	Article 352—Rigid Polyvinyl Chloride Conduit (Type PVC).....			Article 406—Receptacles and Attachment Plugs (Caps).....			235	352.1	Scope	217	352.2	Definition.....	217	352.60	Equipment Grounding Conductor.....	217	Article 356—Liquidtight Flexible Nonmetallic Conduit (Type LFNC).....			406.1	Scope	235	356.1	Scope	219	356.2	Definition.....	219	356.60	Equipment Grounding Conductor.....	219	Article 358—Electrical Metallic Tubing (Type EMT).....			406.3	Receptacle Rating and Type	235	358.1	Scope	221	358.2	Definition.....	221	358.42	Couplings and Connectors	222	358.60	Equipment Grounding Conductor.....	222	Article 362—Electrical Nonmetallic Tubing (Type ENT).....			406.4	General Installation Requirements.....	236	362.1	Scope	223	362.2	Definition.....	223	362.60	Equipment Grounding Conductor.....	223	Article 408—Switchboards and Panelboards.....			406.6	Receptacle Faceplates	238	Article 410—Luminaires, Lampholders, and Lamps.....			Part I. General			406.11	Connecting Receptacle Grounding Terminal to Equipment Grounding Conductor	238	Part V. Grounding (Bonding).....			Part XVI. Special Provisions for Horticultural Lighting Equipment			Article 408—Switchboards and Panelboards			239	Part I. General			Part V. Grounding (Bonding).....			408.1	Scope	239	Part XVI. Special Provisions for Horticultural Lighting Equipment			Part XVI. Special Provisions for Horticultural Lighting Equipment			408.40	Equipment Grounding Conductor	239	Part XVI. Special Provisions for Horticultural Lighting Equipment			Part XVI. Special Provisions for Horticultural Lighting Equipment			Article 410—Luminaires, Lampholders, and Lamps			241	Part XVI. Special Provisions for Horticultural Lighting Equipment			Part XVI. Special Provisions for Horticultural Lighting Equipment			Article 410—Luminaires, Lampholders, and Lamps			241	Part XVI. Special Provisions for Horticultural Lighting Equipment			Part XVI. Special Provisions for Horticultural Lighting Equipment			410.1	Scope	241	Part XVI. Special Provisions for Horticultural Lighting Equipment			Part XVI. Special Provisions for Horticultural Lighting Equipment			410.30	Supports	241	Part XVI. Special Provisions for Horticultural Lighting Equipment			Part XVI. Special Provisions for Horticultural Lighting Equipment			Article 440—Air-Conditioning and Refrigeration Equipment			242	Part XVI. Special Provisions for Horticultural Lighting Equipment			Part XVI. Special Provisions for Horticultural Lighting Equipment			410.40	General.....	242	Part XVI. Special Provisions for Horticultural Lighting Equipment			Part XVI. Special Provisions for Horticultural Lighting Equipment			410.44	Equipment Grounding Conductor	242	Part XVI. Special Provisions for Horticultural Lighting Equipment			Part XVI. Special Provisions for Horticultural Lighting Equipment			410.46	Equipment Grounding Conductor Attachment	242	Part XVI. Special Provisions for Horticultural Lighting Equipment			Part XVI. Special Provisions for Horticultural Lighting Equipment			Article 440—Air-Conditioning and Refrigeration Equipment			243	Part XVI. Special Provisions for Horticultural Lighting Equipment			Part XVI. Special Provisions for Horticultural Lighting Equipment			440.1	Scope	243	Part XVI. Special Provisions for Horticultural Lighting Equipment			Part XVI. Special Provisions for Horticultural Lighting Equipment			440.9	Grounding and Bonding.....	243																																																														
350.2	Definition.....	215	404.12	Grounding of Enclosures	234																																																																																																																																																																																																																																																																																						
350.60	Equipment Grounding and Bonding Conductors	215	Article 352—Rigid Polyvinyl Chloride Conduit (Type PVC).....			Article 406—Receptacles and Attachment Plugs (Caps).....			235	352.1	Scope	217	352.2	Definition.....	217	352.60	Equipment Grounding Conductor.....	217	Article 356—Liquidtight Flexible Nonmetallic Conduit (Type LFNC).....			406.1	Scope	235	356.1	Scope	219	356.2	Definition.....	219	356.60	Equipment Grounding Conductor.....	219	Article 358—Electrical Metallic Tubing (Type EMT).....			406.3	Receptacle Rating and Type	235	358.1	Scope	221	358.2	Definition.....	221	358.42	Couplings and Connectors	222	358.60	Equipment Grounding Conductor.....	222	Article 362—Electrical Nonmetallic Tubing (Type ENT).....			406.4	General Installation Requirements.....	236	362.1	Scope	223	362.2	Definition.....	223	362.60	Equipment Grounding Conductor.....	223	Article 408—Switchboards and Panelboards.....			406.6	Receptacle Faceplates	238	Article 410—Luminaires, Lampholders, and Lamps.....			Part I. General			406.11	Connecting Receptacle Grounding Terminal to Equipment Grounding Conductor	238	Part V. Grounding (Bonding).....			Part XVI. Special Provisions for Horticultural Lighting Equipment			Article 408—Switchboards and Panelboards			239	Part I. General			Part V. Grounding (Bonding).....			408.1	Scope	239	Part XVI. Special Provisions for Horticultural Lighting Equipment			Part XVI. Special Provisions for Horticultural Lighting Equipment			408.40	Equipment Grounding Conductor	239	Part XVI. Special Provisions for Horticultural Lighting Equipment			Part XVI. Special Provisions for Horticultural Lighting Equipment			Article 410—Luminaires, Lampholders, and Lamps			241	Part XVI. Special Provisions for Horticultural Lighting Equipment			Part XVI. Special Provisions for Horticultural Lighting Equipment			Article 410—Luminaires, Lampholders, and Lamps			241	Part XVI. Special Provisions for Horticultural Lighting Equipment			Part XVI. Special Provisions for Horticultural Lighting Equipment			410.1	Scope	241	Part XVI. Special Provisions for Horticultural Lighting Equipment			Part XVI. Special Provisions for Horticultural Lighting Equipment			410.30	Supports	241	Part XVI. Special Provisions for Horticultural Lighting Equipment			Part XVI. Special Provisions for Horticultural Lighting Equipment			Article 440—Air-Conditioning and Refrigeration Equipment			242	Part XVI. Special Provisions for Horticultural Lighting Equipment			Part XVI. Special Provisions for Horticultural Lighting Equipment			410.40	General.....	242	Part XVI. Special Provisions for Horticultural Lighting Equipment			Part XVI. Special Provisions for Horticultural Lighting Equipment			410.44	Equipment Grounding Conductor	242	Part XVI. Special Provisions for Horticultural Lighting Equipment			Part XVI. Special Provisions for Horticultural Lighting Equipment			410.46	Equipment Grounding Conductor Attachment	242	Part XVI. Special Provisions for Horticultural Lighting Equipment			Part XVI. Special Provisions for Horticultural Lighting Equipment			Article 440—Air-Conditioning and Refrigeration Equipment			243	Part XVI. Special Provisions for Horticultural Lighting Equipment			Part XVI. Special Provisions for Horticultural Lighting Equipment			440.1	Scope	243	Part XVI. Special Provisions for Horticultural Lighting Equipment			Part XVI. Special Provisions for Horticultural Lighting Equipment			440.9	Grounding and Bonding.....	243																																																																							
Article 352—Rigid Polyvinyl Chloride Conduit (Type PVC).....			Article 406—Receptacles and Attachment Plugs (Caps).....			235																																																																																																																																																																																																																																																																																					
352.1	Scope	217	352.2	Definition.....	217	352.60	Equipment Grounding Conductor.....	217	Article 356—Liquidtight Flexible Nonmetallic Conduit (Type LFNC).....			406.1	Scope	235	356.1	Scope	219	356.2	Definition.....	219	356.60	Equipment Grounding Conductor.....	219	Article 358—Electrical Metallic Tubing (Type EMT).....			406.3	Receptacle Rating and Type	235	358.1	Scope	221	358.2	Definition.....	221	358.42	Couplings and Connectors	222	358.60	Equipment Grounding Conductor.....	222	Article 362—Electrical Nonmetallic Tubing (Type ENT).....			406.4	General Installation Requirements.....	236	362.1	Scope	223	362.2	Definition.....	223	362.60	Equipment Grounding Conductor.....	223	Article 408—Switchboards and Panelboards.....			406.6	Receptacle Faceplates	238	Article 410—Luminaires, Lampholders, and Lamps.....			Part I. General			406.11	Connecting Receptacle Grounding Terminal to Equipment Grounding Conductor	238	Part V. Grounding (Bonding).....			Part XVI. Special Provisions for Horticultural Lighting Equipment			Article 408—Switchboards and Panelboards			239	Part I. General			Part V. Grounding (Bonding).....			408.1	Scope	239	Part XVI. Special Provisions for Horticultural Lighting Equipment			Part XVI. Special Provisions for Horticultural Lighting Equipment			408.40	Equipment Grounding Conductor	239	Part XVI. Special Provisions for Horticultural Lighting Equipment			Part XVI. Special Provisions for Horticultural Lighting Equipment			Article 410—Luminaires, Lampholders, and Lamps			241	Part XVI. Special Provisions for Horticultural Lighting Equipment			Part XVI. Special Provisions for Horticultural Lighting Equipment			Article 410—Luminaires, Lampholders, and Lamps			241	Part XVI. Special Provisions for Horticultural Lighting Equipment			Part XVI. Special Provisions for Horticultural Lighting Equipment			410.1	Scope	241	Part XVI. Special Provisions for Horticultural Lighting Equipment			Part XVI. Special Provisions for Horticultural Lighting Equipment			410.30	Supports	241	Part XVI. Special Provisions for Horticultural Lighting Equipment			Part XVI. Special Provisions for Horticultural Lighting Equipment			Article 440—Air-Conditioning and Refrigeration Equipment			242	Part XVI. Special Provisions for Horticultural Lighting Equipment			Part XVI. Special Provisions for Horticultural Lighting Equipment			410.40	General.....	242	Part XVI. Special Provisions for Horticultural Lighting Equipment			Part XVI. Special Provisions for Horticultural Lighting Equipment			410.44	Equipment Grounding Conductor	242	Part XVI. Special Provisions for Horticultural Lighting Equipment			Part XVI. Special Provisions for Horticultural Lighting Equipment			410.46	Equipment Grounding Conductor Attachment	242	Part XVI. Special Provisions for Horticultural Lighting Equipment			Part XVI. Special Provisions for Horticultural Lighting Equipment			Article 440—Air-Conditioning and Refrigeration Equipment			243	Part XVI. Special Provisions for Horticultural Lighting Equipment			Part XVI. Special Provisions for Horticultural Lighting Equipment			440.1	Scope	243	Part XVI. Special Provisions for Horticultural Lighting Equipment			Part XVI. Special Provisions for Horticultural Lighting Equipment			440.9	Grounding and Bonding.....	243																																																																																	
352.2	Definition.....	217	352.60	Equipment Grounding Conductor.....	217	Article 356—Liquidtight Flexible Nonmetallic Conduit (Type LFNC).....			406.1	Scope	235	356.1	Scope	219	356.2	Definition.....	219	356.60	Equipment Grounding Conductor.....	219	Article 358—Electrical Metallic Tubing (Type EMT).....			406.3	Receptacle Rating and Type	235	358.1	Scope	221	358.2	Definition.....	221	358.42	Couplings and Connectors	222	358.60	Equipment Grounding Conductor.....	222	Article 362—Electrical Nonmetallic Tubing (Type ENT).....			406.4	General Installation Requirements.....	236	362.1	Scope	223	362.2	Definition.....	223	362.60	Equipment Grounding Conductor.....	223	Article 408—Switchboards and Panelboards.....			406.6	Receptacle Faceplates	238	Article 410—Luminaires, Lampholders, and Lamps.....			Part I. General			406.11	Connecting Receptacle Grounding Terminal to Equipment Grounding Conductor	238	Part V. Grounding (Bonding).....			Part XVI. Special Provisions for Horticultural Lighting Equipment			Article 408—Switchboards and Panelboards			239	Part I. General			Part V. Grounding (Bonding).....			408.1	Scope	239	Part XVI. Special Provisions for Horticultural Lighting Equipment			Part XVI. Special Provisions for Horticultural Lighting Equipment			408.40	Equipment Grounding Conductor	239	Part XVI. Special Provisions for Horticultural Lighting Equipment			Part XVI. Special Provisions for Horticultural Lighting Equipment			Article 410—Luminaires, Lampholders, and Lamps			241	Part XVI. Special Provisions for Horticultural Lighting Equipment			Part XVI. Special Provisions for Horticultural Lighting Equipment			Article 410—Luminaires, Lampholders, and Lamps			241	Part XVI. Special Provisions for Horticultural Lighting Equipment			Part XVI. Special Provisions for Horticultural Lighting Equipment			410.1	Scope	241	Part XVI. Special Provisions for Horticultural Lighting Equipment			Part XVI. Special Provisions for Horticultural Lighting Equipment			410.30	Supports	241	Part XVI. Special Provisions for Horticultural Lighting Equipment			Part XVI. Special Provisions for Horticultural Lighting Equipment			Article 440—Air-Conditioning and Refrigeration Equipment			242	Part XVI. Special Provisions for Horticultural Lighting Equipment			Part XVI. Special Provisions for Horticultural Lighting Equipment			410.40	General.....	242	Part XVI. Special Provisions for Horticultural Lighting Equipment			Part XVI. Special Provisions for Horticultural Lighting Equipment			410.44	Equipment Grounding Conductor	242	Part XVI. Special Provisions for Horticultural Lighting Equipment			Part XVI. Special Provisions for Horticultural Lighting Equipment			410.46	Equipment Grounding Conductor Attachment	242	Part XVI. Special Provisions for Horticultural Lighting Equipment			Part XVI. Special Provisions for Horticultural Lighting Equipment			Article 440—Air-Conditioning and Refrigeration Equipment			243	Part XVI. Special Provisions for Horticultural Lighting Equipment			Part XVI. Special Provisions for Horticultural Lighting Equipment			440.1	Scope	243	Part XVI. Special Provisions for Horticultural Lighting Equipment			Part XVI. Special Provisions for Horticultural Lighting Equipment			440.9	Grounding and Bonding.....	243																																																																																				
352.60	Equipment Grounding Conductor.....	217	Article 356—Liquidtight Flexible Nonmetallic Conduit (Type LFNC).....			406.1	Scope	235	356.1	Scope	219	356.2	Definition.....	219	356.60	Equipment Grounding Conductor.....	219	Article 358—Electrical Metallic Tubing (Type EMT).....			406.3	Receptacle Rating and Type	235	358.1	Scope	221	358.2	Definition.....	221	358.42	Couplings and Connectors	222	358.60	Equipment Grounding Conductor.....	222	Article 362—Electrical Nonmetallic Tubing (Type ENT).....			406.4	General Installation Requirements.....	236	362.1	Scope	223	362.2	Definition.....	223	362.60	Equipment Grounding Conductor.....	223	Article 408—Switchboards and Panelboards.....			406.6	Receptacle Faceplates	238	Article 410—Luminaires, Lampholders, and Lamps.....			Part I. General			406.11	Connecting Receptacle Grounding Terminal to Equipment Grounding Conductor	238	Part V. Grounding (Bonding).....			Part XVI. Special Provisions for Horticultural Lighting Equipment			Article 408—Switchboards and Panelboards			239	Part I. General			Part V. Grounding (Bonding).....			408.1	Scope	239	Part XVI. Special Provisions for Horticultural Lighting Equipment			Part XVI. Special Provisions for Horticultural Lighting Equipment			408.40	Equipment Grounding Conductor	239	Part XVI. Special Provisions for Horticultural Lighting Equipment			Part XVI. Special Provisions for Horticultural Lighting Equipment			Article 410—Luminaires, Lampholders, and Lamps			241	Part XVI. Special Provisions for Horticultural Lighting Equipment			Part XVI. Special Provisions for Horticultural Lighting Equipment			Article 410—Luminaires, Lampholders, and Lamps			241	Part XVI. Special Provisions for Horticultural Lighting Equipment			Part XVI. Special Provisions for Horticultural Lighting Equipment			410.1	Scope	241	Part XVI. Special Provisions for Horticultural Lighting Equipment			Part XVI. Special Provisions for Horticultural Lighting Equipment			410.30	Supports	241	Part XVI. Special Provisions for Horticultural Lighting Equipment			Part XVI. Special Provisions for Horticultural Lighting Equipment			Article 440—Air-Conditioning and Refrigeration Equipment			242	Part XVI. Special Provisions for Horticultural Lighting Equipment			Part XVI. Special Provisions for Horticultural Lighting Equipment			410.40	General.....	242	Part XVI. Special Provisions for Horticultural Lighting Equipment			Part XVI. Special Provisions for Horticultural Lighting Equipment			410.44	Equipment Grounding Conductor	242	Part XVI. Special Provisions for Horticultural Lighting Equipment			Part XVI. Special Provisions for Horticultural Lighting Equipment			410.46	Equipment Grounding Conductor Attachment	242	Part XVI. Special Provisions for Horticultural Lighting Equipment			Part XVI. Special Provisions for Horticultural Lighting Equipment			Article 440—Air-Conditioning and Refrigeration Equipment			243	Part XVI. Special Provisions for Horticultural Lighting Equipment			Part XVI. Special Provisions for Horticultural Lighting Equipment			440.1	Scope	243	Part XVI. Special Provisions for Horticultural Lighting Equipment			Part XVI. Special Provisions for Horticultural Lighting Equipment			440.9	Grounding and Bonding.....	243																																																																																							
Article 356—Liquidtight Flexible Nonmetallic Conduit (Type LFNC).....			406.1	Scope	235																																																																																																																																																																																																																																																																																						
356.1	Scope	219	356.2	Definition.....	219	356.60	Equipment Grounding Conductor.....	219	Article 358—Electrical Metallic Tubing (Type EMT).....			406.3	Receptacle Rating and Type	235	358.1	Scope	221	358.2	Definition.....	221	358.42	Couplings and Connectors	222	358.60	Equipment Grounding Conductor.....	222	Article 362—Electrical Nonmetallic Tubing (Type ENT).....			406.4	General Installation Requirements.....	236	362.1	Scope	223	362.2	Definition.....	223	362.60	Equipment Grounding Conductor.....	223	Article 408—Switchboards and Panelboards.....			406.6	Receptacle Faceplates	238	Article 410—Luminaires, Lampholders, and Lamps.....			Part I. General			406.11	Connecting Receptacle Grounding Terminal to Equipment Grounding Conductor	238	Part V. Grounding (Bonding).....			Part XVI. Special Provisions for Horticultural Lighting Equipment			Article 408—Switchboards and Panelboards			239	Part I. General			Part V. Grounding (Bonding).....			408.1	Scope	239	Part XVI. Special Provisions for Horticultural Lighting Equipment			Part XVI. Special Provisions for Horticultural Lighting Equipment			408.40	Equipment Grounding Conductor	239	Part XVI. Special Provisions for Horticultural Lighting Equipment			Part XVI. Special Provisions for Horticultural Lighting Equipment			Article 410—Luminaires, Lampholders, and Lamps			241	Part XVI. Special Provisions for Horticultural Lighting Equipment			Part XVI. Special Provisions for Horticultural Lighting Equipment			Article 410—Luminaires, Lampholders, and Lamps			241	Part XVI. Special Provisions for Horticultural Lighting Equipment			Part XVI. Special Provisions for Horticultural Lighting Equipment			410.1	Scope	241	Part XVI. Special Provisions for Horticultural Lighting Equipment			Part XVI. Special Provisions for Horticultural Lighting Equipment			410.30	Supports	241	Part XVI. Special Provisions for Horticultural Lighting Equipment			Part XVI. Special Provisions for Horticultural Lighting Equipment			Article 440—Air-Conditioning and Refrigeration Equipment			242	Part XVI. Special Provisions for Horticultural Lighting Equipment			Part XVI. Special Provisions for Horticultural Lighting Equipment			410.40	General.....	242	Part XVI. Special Provisions for Horticultural Lighting Equipment			Part XVI. Special Provisions for Horticultural Lighting Equipment			410.44	Equipment Grounding Conductor	242	Part XVI. Special Provisions for Horticultural Lighting Equipment			Part XVI. Special Provisions for Horticultural Lighting Equipment			410.46	Equipment Grounding Conductor Attachment	242	Part XVI. Special Provisions for Horticultural Lighting Equipment			Part XVI. Special Provisions for Horticultural Lighting Equipment			Article 440—Air-Conditioning and Refrigeration Equipment			243	Part XVI. Special Provisions for Horticultural Lighting Equipment			Part XVI. Special Provisions for Horticultural Lighting Equipment			440.1	Scope	243	Part XVI. Special Provisions for Horticultural Lighting Equipment			Part XVI. Special Provisions for Horticultural Lighting Equipment			440.9	Grounding and Bonding.....	243																																																																																																
356.2	Definition.....	219	356.60	Equipment Grounding Conductor.....	219	Article 358—Electrical Metallic Tubing (Type EMT).....			406.3	Receptacle Rating and Type	235	358.1	Scope	221	358.2	Definition.....	221	358.42	Couplings and Connectors	222	358.60	Equipment Grounding Conductor.....	222	Article 362—Electrical Nonmetallic Tubing (Type ENT).....			406.4	General Installation Requirements.....	236	362.1	Scope	223	362.2	Definition.....	223	362.60	Equipment Grounding Conductor.....	223	Article 408—Switchboards and Panelboards.....			406.6	Receptacle Faceplates	238	Article 410—Luminaires, Lampholders, and Lamps.....			Part I. General			406.11	Connecting Receptacle Grounding Terminal to Equipment Grounding Conductor	238	Part V. Grounding (Bonding).....			Part XVI. Special Provisions for Horticultural Lighting Equipment			Article 408—Switchboards and Panelboards			239	Part I. General			Part V. Grounding (Bonding).....			408.1	Scope	239	Part XVI. Special Provisions for Horticultural Lighting Equipment			Part XVI. Special Provisions for Horticultural Lighting Equipment			408.40	Equipment Grounding Conductor	239	Part XVI. Special Provisions for Horticultural Lighting Equipment			Part XVI. Special Provisions for Horticultural Lighting Equipment			Article 410—Luminaires, Lampholders, and Lamps			241	Part XVI. Special Provisions for Horticultural Lighting Equipment			Part XVI. Special Provisions for Horticultural Lighting Equipment			Article 410—Luminaires, Lampholders, and Lamps			241	Part XVI. Special Provisions for Horticultural Lighting Equipment			Part XVI. Special Provisions for Horticultural Lighting Equipment			410.1	Scope	241	Part XVI. Special Provisions for Horticultural Lighting Equipment			Part XVI. Special Provisions for Horticultural Lighting Equipment			410.30	Supports	241	Part XVI. Special Provisions for Horticultural Lighting Equipment			Part XVI. Special Provisions for Horticultural Lighting Equipment			Article 440—Air-Conditioning and Refrigeration Equipment			242	Part XVI. Special Provisions for Horticultural Lighting Equipment			Part XVI. Special Provisions for Horticultural Lighting Equipment			410.40	General.....	242	Part XVI. Special Provisions for Horticultural Lighting Equipment			Part XVI. Special Provisions for Horticultural Lighting Equipment			410.44	Equipment Grounding Conductor	242	Part XVI. Special Provisions for Horticultural Lighting Equipment			Part XVI. Special Provisions for Horticultural Lighting Equipment			410.46	Equipment Grounding Conductor Attachment	242	Part XVI. Special Provisions for Horticultural Lighting Equipment			Part XVI. Special Provisions for Horticultural Lighting Equipment			Article 440—Air-Conditioning and Refrigeration Equipment			243	Part XVI. Special Provisions for Horticultural Lighting Equipment			Part XVI. Special Provisions for Horticultural Lighting Equipment			440.1	Scope	243	Part XVI. Special Provisions for Horticultural Lighting Equipment			Part XVI. Special Provisions for Horticultural Lighting Equipment			440.9	Grounding and Bonding.....	243																																																																																																			
356.60	Equipment Grounding Conductor.....	219	Article 358—Electrical Metallic Tubing (Type EMT).....			406.3	Receptacle Rating and Type	235	358.1	Scope	221	358.2	Definition.....	221	358.42	Couplings and Connectors	222	358.60	Equipment Grounding Conductor.....	222	Article 362—Electrical Nonmetallic Tubing (Type ENT).....			406.4	General Installation Requirements.....	236	362.1	Scope	223	362.2	Definition.....	223	362.60	Equipment Grounding Conductor.....	223	Article 408—Switchboards and Panelboards.....			406.6	Receptacle Faceplates	238	Article 410—Luminaires, Lampholders, and Lamps.....			Part I. General			406.11	Connecting Receptacle Grounding Terminal to Equipment Grounding Conductor	238	Part V. Grounding (Bonding).....			Part XVI. Special Provisions for Horticultural Lighting Equipment			Article 408—Switchboards and Panelboards			239	Part I. General			Part V. Grounding (Bonding).....			408.1	Scope	239	Part XVI. Special Provisions for Horticultural Lighting Equipment			Part XVI. Special Provisions for Horticultural Lighting Equipment			408.40	Equipment Grounding Conductor	239	Part XVI. Special Provisions for Horticultural Lighting Equipment			Part XVI. Special Provisions for Horticultural Lighting Equipment			Article 410—Luminaires, Lampholders, and Lamps			241	Part XVI. Special Provisions for Horticultural Lighting Equipment			Part XVI. Special Provisions for Horticultural Lighting Equipment			Article 410—Luminaires, Lampholders, and Lamps			241	Part XVI. Special Provisions for Horticultural Lighting Equipment			Part XVI. Special Provisions for Horticultural Lighting Equipment			410.1	Scope	241	Part XVI. Special Provisions for Horticultural Lighting Equipment			Part XVI. Special Provisions for Horticultural Lighting Equipment			410.30	Supports	241	Part XVI. Special Provisions for Horticultural Lighting Equipment			Part XVI. Special Provisions for Horticultural Lighting Equipment			Article 440—Air-Conditioning and Refrigeration Equipment			242	Part XVI. Special Provisions for Horticultural Lighting Equipment			Part XVI. Special Provisions for Horticultural Lighting Equipment			410.40	General.....	242	Part XVI. Special Provisions for Horticultural Lighting Equipment			Part XVI. Special Provisions for Horticultural Lighting Equipment			410.44	Equipment Grounding Conductor	242	Part XVI. Special Provisions for Horticultural Lighting Equipment			Part XVI. Special Provisions for Horticultural Lighting Equipment			410.46	Equipment Grounding Conductor Attachment	242	Part XVI. Special Provisions for Horticultural Lighting Equipment			Part XVI. Special Provisions for Horticultural Lighting Equipment			Article 440—Air-Conditioning and Refrigeration Equipment			243	Part XVI. Special Provisions for Horticultural Lighting Equipment			Part XVI. Special Provisions for Horticultural Lighting Equipment			440.1	Scope	243	Part XVI. Special Provisions for Horticultural Lighting Equipment			Part XVI. Special Provisions for Horticultural Lighting Equipment			440.9	Grounding and Bonding.....	243																																																																																																						
Article 358—Electrical Metallic Tubing (Type EMT).....			406.3	Receptacle Rating and Type	235																																																																																																																																																																																																																																																																																						
358.1	Scope	221	358.2	Definition.....	221	358.42	Couplings and Connectors	222	358.60	Equipment Grounding Conductor.....	222	Article 362—Electrical Nonmetallic Tubing (Type ENT).....			406.4	General Installation Requirements.....	236	362.1	Scope	223	362.2	Definition.....	223	362.60	Equipment Grounding Conductor.....	223	Article 408—Switchboards and Panelboards.....			406.6	Receptacle Faceplates	238	Article 410—Luminaires, Lampholders, and Lamps.....			Part I. General			406.11	Connecting Receptacle Grounding Terminal to Equipment Grounding Conductor	238	Part V. Grounding (Bonding).....			Part XVI. Special Provisions for Horticultural Lighting Equipment			Article 408—Switchboards and Panelboards			239	Part I. General			Part V. Grounding (Bonding).....			408.1	Scope	239	Part XVI. Special Provisions for Horticultural Lighting Equipment			Part XVI. Special Provisions for Horticultural Lighting Equipment			408.40	Equipment Grounding Conductor	239	Part XVI. Special Provisions for Horticultural Lighting Equipment			Part XVI. Special Provisions for Horticultural Lighting Equipment			Article 410—Luminaires, Lampholders, and Lamps			241	Part XVI. Special Provisions for Horticultural Lighting Equipment			Part XVI. Special Provisions for Horticultural Lighting Equipment			Article 410—Luminaires, Lampholders, and Lamps			241	Part XVI. Special Provisions for Horticultural Lighting Equipment			Part XVI. Special Provisions for Horticultural Lighting Equipment			410.1	Scope	241	Part XVI. Special Provisions for Horticultural Lighting Equipment			Part XVI. Special Provisions for Horticultural Lighting Equipment			410.30	Supports	241	Part XVI. Special Provisions for Horticultural Lighting Equipment			Part XVI. Special Provisions for Horticultural Lighting Equipment			Article 440—Air-Conditioning and Refrigeration Equipment			242	Part XVI. Special Provisions for Horticultural Lighting Equipment			Part XVI. Special Provisions for Horticultural Lighting Equipment			410.40	General.....	242	Part XVI. Special Provisions for Horticultural Lighting Equipment			Part XVI. Special Provisions for Horticultural Lighting Equipment			410.44	Equipment Grounding Conductor	242	Part XVI. Special Provisions for Horticultural Lighting Equipment			Part XVI. Special Provisions for Horticultural Lighting Equipment			410.46	Equipment Grounding Conductor Attachment	242	Part XVI. Special Provisions for Horticultural Lighting Equipment			Part XVI. Special Provisions for Horticultural Lighting Equipment			Article 440—Air-Conditioning and Refrigeration Equipment			243	Part XVI. Special Provisions for Horticultural Lighting Equipment			Part XVI. Special Provisions for Horticultural Lighting Equipment			440.1	Scope	243	Part XVI. Special Provisions for Horticultural Lighting Equipment			Part XVI. Special Provisions for Horticultural Lighting Equipment			440.9	Grounding and Bonding.....	243																																																																																																															
358.2	Definition.....	221	358.42	Couplings and Connectors	222	358.60	Equipment Grounding Conductor.....	222	Article 362—Electrical Nonmetallic Tubing (Type ENT).....			406.4	General Installation Requirements.....	236	362.1	Scope	223	362.2	Definition.....	223	362.60	Equipment Grounding Conductor.....	223	Article 408—Switchboards and Panelboards.....			406.6	Receptacle Faceplates	238	Article 410—Luminaires, Lampholders, and Lamps.....			Part I. General			406.11	Connecting Receptacle Grounding Terminal to Equipment Grounding Conductor	238	Part V. Grounding (Bonding).....			Part XVI. Special Provisions for Horticultural Lighting Equipment			Article 408—Switchboards and Panelboards			239	Part I. General			Part V. Grounding (Bonding).....			408.1	Scope	239	Part XVI. Special Provisions for Horticultural Lighting Equipment			Part XVI. Special Provisions for Horticultural Lighting Equipment			408.40	Equipment Grounding Conductor	239	Part XVI. Special Provisions for Horticultural Lighting Equipment			Part XVI. Special Provisions for Horticultural Lighting Equipment			Article 410—Luminaires, Lampholders, and Lamps			241	Part XVI. Special Provisions for Horticultural Lighting Equipment			Part XVI. Special Provisions for Horticultural Lighting Equipment			Article 410—Luminaires, Lampholders, and Lamps			241	Part XVI. Special Provisions for Horticultural Lighting Equipment			Part XVI. Special Provisions for Horticultural Lighting Equipment			410.1	Scope	241	Part XVI. Special Provisions for Horticultural Lighting Equipment			Part XVI. Special Provisions for Horticultural Lighting Equipment			410.30	Supports	241	Part XVI. Special Provisions for Horticultural Lighting Equipment			Part XVI. Special Provisions for Horticultural Lighting Equipment			Article 440—Air-Conditioning and Refrigeration Equipment			242	Part XVI. Special Provisions for Horticultural Lighting Equipment			Part XVI. Special Provisions for Horticultural Lighting Equipment			410.40	General.....	242	Part XVI. Special Provisions for Horticultural Lighting Equipment			Part XVI. Special Provisions for Horticultural Lighting Equipment			410.44	Equipment Grounding Conductor	242	Part XVI. Special Provisions for Horticultural Lighting Equipment			Part XVI. Special Provisions for Horticultural Lighting Equipment			410.46	Equipment Grounding Conductor Attachment	242	Part XVI. Special Provisions for Horticultural Lighting Equipment			Part XVI. Special Provisions for Horticultural Lighting Equipment			Article 440—Air-Conditioning and Refrigeration Equipment			243	Part XVI. Special Provisions for Horticultural Lighting Equipment			Part XVI. Special Provisions for Horticultural Lighting Equipment			440.1	Scope	243	Part XVI. Special Provisions for Horticultural Lighting Equipment			Part XVI. Special Provisions for Horticultural Lighting Equipment			440.9	Grounding and Bonding.....	243																																																																																																																		
358.42	Couplings and Connectors	222	358.60	Equipment Grounding Conductor.....	222	Article 362—Electrical Nonmetallic Tubing (Type ENT).....			406.4	General Installation Requirements.....	236	362.1	Scope	223	362.2	Definition.....	223	362.60	Equipment Grounding Conductor.....	223	Article 408—Switchboards and Panelboards.....			406.6	Receptacle Faceplates	238	Article 410—Luminaires, Lampholders, and Lamps.....			Part I. General			406.11	Connecting Receptacle Grounding Terminal to Equipment Grounding Conductor	238	Part V. Grounding (Bonding).....			Part XVI. Special Provisions for Horticultural Lighting Equipment			Article 408—Switchboards and Panelboards			239	Part I. General			Part V. Grounding (Bonding).....			408.1	Scope	239	Part XVI. Special Provisions for Horticultural Lighting Equipment			Part XVI. Special Provisions for Horticultural Lighting Equipment			408.40	Equipment Grounding Conductor	239	Part XVI. Special Provisions for Horticultural Lighting Equipment			Part XVI. Special Provisions for Horticultural Lighting Equipment			Article 410—Luminaires, Lampholders, and Lamps			241	Part XVI. Special Provisions for Horticultural Lighting Equipment			Part XVI. Special Provisions for Horticultural Lighting Equipment			Article 410—Luminaires, Lampholders, and Lamps			241	Part XVI. Special Provisions for Horticultural Lighting Equipment			Part XVI. Special Provisions for Horticultural Lighting Equipment			410.1	Scope	241	Part XVI. Special Provisions for Horticultural Lighting Equipment			Part XVI. Special Provisions for Horticultural Lighting Equipment			410.30	Supports	241	Part XVI. Special Provisions for Horticultural Lighting Equipment			Part XVI. Special Provisions for Horticultural Lighting Equipment			Article 440—Air-Conditioning and Refrigeration Equipment			242	Part XVI. Special Provisions for Horticultural Lighting Equipment			Part XVI. Special Provisions for Horticultural Lighting Equipment			410.40	General.....	242	Part XVI. Special Provisions for Horticultural Lighting Equipment			Part XVI. Special Provisions for Horticultural Lighting Equipment			410.44	Equipment Grounding Conductor	242	Part XVI. Special Provisions for Horticultural Lighting Equipment			Part XVI. Special Provisions for Horticultural Lighting Equipment			410.46	Equipment Grounding Conductor Attachment	242	Part XVI. Special Provisions for Horticultural Lighting Equipment			Part XVI. Special Provisions for Horticultural Lighting Equipment			Article 440—Air-Conditioning and Refrigeration Equipment			243	Part XVI. Special Provisions for Horticultural Lighting Equipment			Part XVI. Special Provisions for Horticultural Lighting Equipment			440.1	Scope	243	Part XVI. Special Provisions for Horticultural Lighting Equipment			Part XVI. Special Provisions for Horticultural Lighting Equipment			440.9	Grounding and Bonding.....	243																																																																																																																					
358.60	Equipment Grounding Conductor.....	222	Article 362—Electrical Nonmetallic Tubing (Type ENT).....			406.4	General Installation Requirements.....	236	362.1	Scope	223	362.2	Definition.....	223	362.60	Equipment Grounding Conductor.....	223	Article 408—Switchboards and Panelboards.....			406.6	Receptacle Faceplates	238	Article 410—Luminaires, Lampholders, and Lamps.....			Part I. General			406.11	Connecting Receptacle Grounding Terminal to Equipment Grounding Conductor	238	Part V. Grounding (Bonding).....			Part XVI. Special Provisions for Horticultural Lighting Equipment			Article 408—Switchboards and Panelboards			239	Part I. General			Part V. Grounding (Bonding).....			408.1	Scope	239	Part XVI. Special Provisions for Horticultural Lighting Equipment			Part XVI. Special Provisions for Horticultural Lighting Equipment			408.40	Equipment Grounding Conductor	239	Part XVI. Special Provisions for Horticultural Lighting Equipment			Part XVI. Special Provisions for Horticultural Lighting Equipment			Article 410—Luminaires, Lampholders, and Lamps			241	Part XVI. Special Provisions for Horticultural Lighting Equipment			Part XVI. Special Provisions for Horticultural Lighting Equipment			Article 410—Luminaires, Lampholders, and Lamps			241	Part XVI. Special Provisions for Horticultural Lighting Equipment			Part XVI. Special Provisions for Horticultural Lighting Equipment			410.1	Scope	241	Part XVI. Special Provisions for Horticultural Lighting Equipment			Part XVI. Special Provisions for Horticultural Lighting Equipment			410.30	Supports	241	Part XVI. Special Provisions for Horticultural Lighting Equipment			Part XVI. Special Provisions for Horticultural Lighting Equipment			Article 440—Air-Conditioning and Refrigeration Equipment			242	Part XVI. Special Provisions for Horticultural Lighting Equipment			Part XVI. Special Provisions for Horticultural Lighting Equipment			410.40	General.....	242	Part XVI. Special Provisions for Horticultural Lighting Equipment			Part XVI. Special Provisions for Horticultural Lighting Equipment			410.44	Equipment Grounding Conductor	242	Part XVI. Special Provisions for Horticultural Lighting Equipment			Part XVI. Special Provisions for Horticultural Lighting Equipment			410.46	Equipment Grounding Conductor Attachment	242	Part XVI. Special Provisions for Horticultural Lighting Equipment			Part XVI. Special Provisions for Horticultural Lighting Equipment			Article 440—Air-Conditioning and Refrigeration Equipment			243	Part XVI. Special Provisions for Horticultural Lighting Equipment			Part XVI. Special Provisions for Horticultural Lighting Equipment			440.1	Scope	243	Part XVI. Special Provisions for Horticultural Lighting Equipment			Part XVI. Special Provisions for Horticultural Lighting Equipment			440.9	Grounding and Bonding.....	243																																																																																																																								
Article 362—Electrical Nonmetallic Tubing (Type ENT).....			406.4	General Installation Requirements.....	236																																																																																																																																																																																																																																																																																						
362.1	Scope	223	362.2	Definition.....	223	362.60	Equipment Grounding Conductor.....	223	Article 408—Switchboards and Panelboards.....			406.6	Receptacle Faceplates	238	Article 410—Luminaires, Lampholders, and Lamps.....			Part I. General			406.11	Connecting Receptacle Grounding Terminal to Equipment Grounding Conductor	238	Part V. Grounding (Bonding).....			Part XVI. Special Provisions for Horticultural Lighting Equipment			Article 408—Switchboards and Panelboards			239	Part I. General			Part V. Grounding (Bonding).....			408.1	Scope	239	Part XVI. Special Provisions for Horticultural Lighting Equipment			Part XVI. Special Provisions for Horticultural Lighting Equipment			408.40	Equipment Grounding Conductor	239	Part XVI. Special Provisions for Horticultural Lighting Equipment			Part XVI. Special Provisions for Horticultural Lighting Equipment			Article 410—Luminaires, Lampholders, and Lamps			241	Part XVI. Special Provisions for Horticultural Lighting Equipment			Part XVI. Special Provisions for Horticultural Lighting Equipment			Article 410—Luminaires, Lampholders, and Lamps			241	Part XVI. Special Provisions for Horticultural Lighting Equipment			Part XVI. Special Provisions for Horticultural Lighting Equipment			410.1	Scope	241	Part XVI. Special Provisions for Horticultural Lighting Equipment			Part XVI. Special Provisions for Horticultural Lighting Equipment			410.30	Supports	241	Part XVI. Special Provisions for Horticultural Lighting Equipment			Part XVI. Special Provisions for Horticultural Lighting Equipment			Article 440—Air-Conditioning and Refrigeration Equipment			242	Part XVI. Special Provisions for Horticultural Lighting Equipment			Part XVI. Special Provisions for Horticultural Lighting Equipment			410.40	General.....	242	Part XVI. Special Provisions for Horticultural Lighting Equipment			Part XVI. Special Provisions for Horticultural Lighting Equipment			410.44	Equipment Grounding Conductor	242	Part XVI. Special Provisions for Horticultural Lighting Equipment			Part XVI. Special Provisions for Horticultural Lighting Equipment			410.46	Equipment Grounding Conductor Attachment	242	Part XVI. Special Provisions for Horticultural Lighting Equipment			Part XVI. Special Provisions for Horticultural Lighting Equipment			Article 440—Air-Conditioning and Refrigeration Equipment			243	Part XVI. Special Provisions for Horticultural Lighting Equipment			Part XVI. Special Provisions for Horticultural Lighting Equipment			440.1	Scope	243	Part XVI. Special Provisions for Horticultural Lighting Equipment			Part XVI. Special Provisions for Horticultural Lighting Equipment			440.9	Grounding and Bonding.....	243																																																																																																																																	
362.2	Definition.....	223	362.60	Equipment Grounding Conductor.....	223	Article 408—Switchboards and Panelboards.....			406.6	Receptacle Faceplates	238	Article 410—Luminaires, Lampholders, and Lamps.....			Part I. General			406.11	Connecting Receptacle Grounding Terminal to Equipment Grounding Conductor	238	Part V. Grounding (Bonding).....			Part XVI. Special Provisions for Horticultural Lighting Equipment			Article 408—Switchboards and Panelboards			239	Part I. General			Part V. Grounding (Bonding).....			408.1	Scope	239	Part XVI. Special Provisions for Horticultural Lighting Equipment			Part XVI. Special Provisions for Horticultural Lighting Equipment			408.40	Equipment Grounding Conductor	239	Part XVI. Special Provisions for Horticultural Lighting Equipment			Part XVI. Special Provisions for Horticultural Lighting Equipment			Article 410—Luminaires, Lampholders, and Lamps			241	Part XVI. Special Provisions for Horticultural Lighting Equipment			Part XVI. Special Provisions for Horticultural Lighting Equipment			Article 410—Luminaires, Lampholders, and Lamps			241	Part XVI. Special Provisions for Horticultural Lighting Equipment			Part XVI. Special Provisions for Horticultural Lighting Equipment			410.1	Scope	241	Part XVI. Special Provisions for Horticultural Lighting Equipment			Part XVI. Special Provisions for Horticultural Lighting Equipment			410.30	Supports	241	Part XVI. Special Provisions for Horticultural Lighting Equipment			Part XVI. Special Provisions for Horticultural Lighting Equipment			Article 440—Air-Conditioning and Refrigeration Equipment			242	Part XVI. Special Provisions for Horticultural Lighting Equipment			Part XVI. Special Provisions for Horticultural Lighting Equipment			410.40	General.....	242	Part XVI. Special Provisions for Horticultural Lighting Equipment			Part XVI. Special Provisions for Horticultural Lighting Equipment			410.44	Equipment Grounding Conductor	242	Part XVI. Special Provisions for Horticultural Lighting Equipment			Part XVI. Special Provisions for Horticultural Lighting Equipment			410.46	Equipment Grounding Conductor Attachment	242	Part XVI. Special Provisions for Horticultural Lighting Equipment			Part XVI. Special Provisions for Horticultural Lighting Equipment			Article 440—Air-Conditioning and Refrigeration Equipment			243	Part XVI. Special Provisions for Horticultural Lighting Equipment			Part XVI. Special Provisions for Horticultural Lighting Equipment			440.1	Scope	243	Part XVI. Special Provisions for Horticultural Lighting Equipment			Part XVI. Special Provisions for Horticultural Lighting Equipment			440.9	Grounding and Bonding.....	243																																																																																																																																				
362.60	Equipment Grounding Conductor.....	223	Article 408—Switchboards and Panelboards.....			406.6	Receptacle Faceplates	238	Article 410—Luminaires, Lampholders, and Lamps.....			Part I. General			406.11	Connecting Receptacle Grounding Terminal to Equipment Grounding Conductor	238	Part V. Grounding (Bonding).....			Part XVI. Special Provisions for Horticultural Lighting Equipment			Article 408—Switchboards and Panelboards			239	Part I. General			Part V. Grounding (Bonding).....			408.1	Scope	239	Part XVI. Special Provisions for Horticultural Lighting Equipment			Part XVI. Special Provisions for Horticultural Lighting Equipment			408.40	Equipment Grounding Conductor	239	Part XVI. Special Provisions for Horticultural Lighting Equipment			Part XVI. Special Provisions for Horticultural Lighting Equipment			Article 410—Luminaires, Lampholders, and Lamps			241	Part XVI. Special Provisions for Horticultural Lighting Equipment			Part XVI. Special Provisions for Horticultural Lighting Equipment			Article 410—Luminaires, Lampholders, and Lamps			241	Part XVI. Special Provisions for Horticultural Lighting Equipment			Part XVI. Special Provisions for Horticultural Lighting Equipment			410.1	Scope	241	Part XVI. Special Provisions for Horticultural Lighting Equipment			Part XVI. Special Provisions for Horticultural Lighting Equipment			410.30	Supports	241	Part XVI. Special Provisions for Horticultural Lighting Equipment			Part XVI. Special Provisions for Horticultural Lighting Equipment			Article 440—Air-Conditioning and Refrigeration Equipment			242	Part XVI. Special Provisions for Horticultural Lighting Equipment			Part XVI. Special Provisions for Horticultural Lighting Equipment			410.40	General.....	242	Part XVI. Special Provisions for Horticultural Lighting Equipment			Part XVI. Special Provisions for Horticultural Lighting Equipment			410.44	Equipment Grounding Conductor	242	Part XVI. Special Provisions for Horticultural Lighting Equipment			Part XVI. Special Provisions for Horticultural Lighting Equipment			410.46	Equipment Grounding Conductor Attachment	242	Part XVI. Special Provisions for Horticultural Lighting Equipment			Part XVI. Special Provisions for Horticultural Lighting Equipment			Article 440—Air-Conditioning and Refrigeration Equipment			243	Part XVI. Special Provisions for Horticultural Lighting Equipment			Part XVI. Special Provisions for Horticultural Lighting Equipment			440.1	Scope	243	Part XVI. Special Provisions for Horticultural Lighting Equipment			Part XVI. Special Provisions for Horticultural Lighting Equipment			440.9	Grounding and Bonding.....	243																																																																																																																																							
Article 408—Switchboards and Panelboards.....			406.6	Receptacle Faceplates	238																																																																																																																																																																																																																																																																																						
Article 410—Luminaires, Lampholders, and Lamps.....			Part I. General			406.11	Connecting Receptacle Grounding Terminal to Equipment Grounding Conductor	238	Part V. Grounding (Bonding).....			Part XVI. Special Provisions for Horticultural Lighting Equipment			Article 408—Switchboards and Panelboards			239	Part I. General			Part V. Grounding (Bonding).....			408.1	Scope	239	Part XVI. Special Provisions for Horticultural Lighting Equipment			Part XVI. Special Provisions for Horticultural Lighting Equipment			408.40	Equipment Grounding Conductor	239	Part XVI. Special Provisions for Horticultural Lighting Equipment			Part XVI. Special Provisions for Horticultural Lighting Equipment			Article 410—Luminaires, Lampholders, and Lamps			241	Part XVI. Special Provisions for Horticultural Lighting Equipment			Part XVI. Special Provisions for Horticultural Lighting Equipment			Article 410—Luminaires, Lampholders, and Lamps			241	Part XVI. Special Provisions for Horticultural Lighting Equipment			Part XVI. Special Provisions for Horticultural Lighting Equipment			410.1	Scope	241	Part XVI. Special Provisions for Horticultural Lighting Equipment			Part XVI. Special Provisions for Horticultural Lighting Equipment			410.30	Supports	241	Part XVI. Special Provisions for Horticultural Lighting Equipment			Part XVI. Special Provisions for Horticultural Lighting Equipment			Article 440—Air-Conditioning and Refrigeration Equipment			242	Part XVI. Special Provisions for Horticultural Lighting Equipment			Part XVI. Special Provisions for Horticultural Lighting Equipment			410.40	General.....	242	Part XVI. Special Provisions for Horticultural Lighting Equipment			Part XVI. Special Provisions for Horticultural Lighting Equipment			410.44	Equipment Grounding Conductor	242	Part XVI. Special Provisions for Horticultural Lighting Equipment			Part XVI. Special Provisions for Horticultural Lighting Equipment			410.46	Equipment Grounding Conductor Attachment	242	Part XVI. Special Provisions for Horticultural Lighting Equipment			Part XVI. Special Provisions for Horticultural Lighting Equipment			Article 440—Air-Conditioning and Refrigeration Equipment			243	Part XVI. Special Provisions for Horticultural Lighting Equipment			Part XVI. Special Provisions for Horticultural Lighting Equipment			440.1	Scope	243	Part XVI. Special Provisions for Horticultural Lighting Equipment			Part XVI. Special Provisions for Horticultural Lighting Equipment			440.9	Grounding and Bonding.....	243																																																																																																																																																
Part I. General			406.11	Connecting Receptacle Grounding Terminal to Equipment Grounding Conductor	238																																																																																																																																																																																																																																																																																						
Part V. Grounding (Bonding).....			Part XVI. Special Provisions for Horticultural Lighting Equipment			Article 408—Switchboards and Panelboards			239	Part I. General			Part V. Grounding (Bonding).....			408.1	Scope	239	Part XVI. Special Provisions for Horticultural Lighting Equipment			Part XVI. Special Provisions for Horticultural Lighting Equipment			408.40	Equipment Grounding Conductor	239	Part XVI. Special Provisions for Horticultural Lighting Equipment			Part XVI. Special Provisions for Horticultural Lighting Equipment			Article 410—Luminaires, Lampholders, and Lamps			241	Part XVI. Special Provisions for Horticultural Lighting Equipment			Part XVI. Special Provisions for Horticultural Lighting Equipment			Article 410—Luminaires, Lampholders, and Lamps			241	Part XVI. Special Provisions for Horticultural Lighting Equipment			Part XVI. Special Provisions for Horticultural Lighting Equipment			410.1	Scope	241	Part XVI. Special Provisions for Horticultural Lighting Equipment			Part XVI. Special Provisions for Horticultural Lighting Equipment			410.30	Supports	241	Part XVI. Special Provisions for Horticultural Lighting Equipment			Part XVI. Special Provisions for Horticultural Lighting Equipment			Article 440—Air-Conditioning and Refrigeration Equipment			242	Part XVI. Special Provisions for Horticultural Lighting Equipment			Part XVI. Special Provisions for Horticultural Lighting Equipment			410.40	General.....	242	Part XVI. Special Provisions for Horticultural Lighting Equipment			Part XVI. Special Provisions for Horticultural Lighting Equipment			410.44	Equipment Grounding Conductor	242	Part XVI. Special Provisions for Horticultural Lighting Equipment			Part XVI. Special Provisions for Horticultural Lighting Equipment			410.46	Equipment Grounding Conductor Attachment	242	Part XVI. Special Provisions for Horticultural Lighting Equipment			Part XVI. Special Provisions for Horticultural Lighting Equipment			Article 440—Air-Conditioning and Refrigeration Equipment			243	Part XVI. Special Provisions for Horticultural Lighting Equipment			Part XVI. Special Provisions for Horticultural Lighting Equipment			440.1	Scope	243	Part XVI. Special Provisions for Horticultural Lighting Equipment			Part XVI. Special Provisions for Horticultural Lighting Equipment			440.9	Grounding and Bonding.....	243																																																																																																																																																									
Part XVI. Special Provisions for Horticultural Lighting Equipment			Article 408—Switchboards and Panelboards			239																																																																																																																																																																																																																																																																																					
Part I. General			Part V. Grounding (Bonding).....			408.1	Scope	239	Part XVI. Special Provisions for Horticultural Lighting Equipment			Part XVI. Special Provisions for Horticultural Lighting Equipment			408.40	Equipment Grounding Conductor	239	Part XVI. Special Provisions for Horticultural Lighting Equipment			Part XVI. Special Provisions for Horticultural Lighting Equipment			Article 410—Luminaires, Lampholders, and Lamps			241	Part XVI. Special Provisions for Horticultural Lighting Equipment			Part XVI. Special Provisions for Horticultural Lighting Equipment			Article 410—Luminaires, Lampholders, and Lamps			241	Part XVI. Special Provisions for Horticultural Lighting Equipment			Part XVI. Special Provisions for Horticultural Lighting Equipment			410.1	Scope	241	Part XVI. Special Provisions for Horticultural Lighting Equipment			Part XVI. Special Provisions for Horticultural Lighting Equipment			410.30	Supports	241	Part XVI. Special Provisions for Horticultural Lighting Equipment			Part XVI. Special Provisions for Horticultural Lighting Equipment			Article 440—Air-Conditioning and Refrigeration Equipment			242	Part XVI. Special Provisions for Horticultural Lighting Equipment			Part XVI. Special Provisions for Horticultural Lighting Equipment			410.40	General.....	242	Part XVI. Special Provisions for Horticultural Lighting Equipment			Part XVI. Special Provisions for Horticultural Lighting Equipment			410.44	Equipment Grounding Conductor	242	Part XVI. Special Provisions for Horticultural Lighting Equipment			Part XVI. Special Provisions for Horticultural Lighting Equipment			410.46	Equipment Grounding Conductor Attachment	242	Part XVI. Special Provisions for Horticultural Lighting Equipment			Part XVI. Special Provisions for Horticultural Lighting Equipment			Article 440—Air-Conditioning and Refrigeration Equipment			243	Part XVI. Special Provisions for Horticultural Lighting Equipment			Part XVI. Special Provisions for Horticultural Lighting Equipment			440.1	Scope	243	Part XVI. Special Provisions for Horticultural Lighting Equipment			Part XVI. Special Provisions for Horticultural Lighting Equipment			440.9	Grounding and Bonding.....	243																																																																																																																																																																			
Part V. Grounding (Bonding).....			408.1	Scope	239																																																																																																																																																																																																																																																																																						
Part XVI. Special Provisions for Horticultural Lighting Equipment			Part XVI. Special Provisions for Horticultural Lighting Equipment			408.40	Equipment Grounding Conductor	239	Part XVI. Special Provisions for Horticultural Lighting Equipment			Part XVI. Special Provisions for Horticultural Lighting Equipment			Article 410—Luminaires, Lampholders, and Lamps			241	Part XVI. Special Provisions for Horticultural Lighting Equipment			Part XVI. Special Provisions for Horticultural Lighting Equipment			Article 410—Luminaires, Lampholders, and Lamps			241	Part XVI. Special Provisions for Horticultural Lighting Equipment			Part XVI. Special Provisions for Horticultural Lighting Equipment			410.1	Scope	241	Part XVI. Special Provisions for Horticultural Lighting Equipment			Part XVI. Special Provisions for Horticultural Lighting Equipment			410.30	Supports	241	Part XVI. Special Provisions for Horticultural Lighting Equipment			Part XVI. Special Provisions for Horticultural Lighting Equipment			Article 440—Air-Conditioning and Refrigeration Equipment			242	Part XVI. Special Provisions for Horticultural Lighting Equipment			Part XVI. Special Provisions for Horticultural Lighting Equipment			410.40	General.....	242	Part XVI. Special Provisions for Horticultural Lighting Equipment			Part XVI. Special Provisions for Horticultural Lighting Equipment			410.44	Equipment Grounding Conductor	242	Part XVI. Special Provisions for Horticultural Lighting Equipment			Part XVI. Special Provisions for Horticultural Lighting Equipment			410.46	Equipment Grounding Conductor Attachment	242	Part XVI. Special Provisions for Horticultural Lighting Equipment			Part XVI. Special Provisions for Horticultural Lighting Equipment			Article 440—Air-Conditioning and Refrigeration Equipment			243	Part XVI. Special Provisions for Horticultural Lighting Equipment			Part XVI. Special Provisions for Horticultural Lighting Equipment			440.1	Scope	243	Part XVI. Special Provisions for Horticultural Lighting Equipment			Part XVI. Special Provisions for Horticultural Lighting Equipment			440.9	Grounding and Bonding.....	243																																																																																																																																																																												
Part XVI. Special Provisions for Horticultural Lighting Equipment			408.40	Equipment Grounding Conductor	239																																																																																																																																																																																																																																																																																						
Part XVI. Special Provisions for Horticultural Lighting Equipment			Part XVI. Special Provisions for Horticultural Lighting Equipment			Article 410—Luminaires, Lampholders, and Lamps			241	Part XVI. Special Provisions for Horticultural Lighting Equipment			Part XVI. Special Provisions for Horticultural Lighting Equipment			Article 410—Luminaires, Lampholders, and Lamps			241	Part XVI. Special Provisions for Horticultural Lighting Equipment			Part XVI. Special Provisions for Horticultural Lighting Equipment			410.1	Scope	241	Part XVI. Special Provisions for Horticultural Lighting Equipment			Part XVI. Special Provisions for Horticultural Lighting Equipment			410.30	Supports	241	Part XVI. Special Provisions for Horticultural Lighting Equipment			Part XVI. Special Provisions for Horticultural Lighting Equipment			Article 440—Air-Conditioning and Refrigeration Equipment			242	Part XVI. Special Provisions for Horticultural Lighting Equipment			Part XVI. Special Provisions for Horticultural Lighting Equipment			410.40	General.....	242	Part XVI. Special Provisions for Horticultural Lighting Equipment			Part XVI. Special Provisions for Horticultural Lighting Equipment			410.44	Equipment Grounding Conductor	242	Part XVI. Special Provisions for Horticultural Lighting Equipment			Part XVI. Special Provisions for Horticultural Lighting Equipment			410.46	Equipment Grounding Conductor Attachment	242	Part XVI. Special Provisions for Horticultural Lighting Equipment			Part XVI. Special Provisions for Horticultural Lighting Equipment			Article 440—Air-Conditioning and Refrigeration Equipment			243	Part XVI. Special Provisions for Horticultural Lighting Equipment			Part XVI. Special Provisions for Horticultural Lighting Equipment			440.1	Scope	243	Part XVI. Special Provisions for Horticultural Lighting Equipment			Part XVI. Special Provisions for Horticultural Lighting Equipment			440.9	Grounding and Bonding.....	243																																																																																																																																																																																					
Part XVI. Special Provisions for Horticultural Lighting Equipment			Article 410—Luminaires, Lampholders, and Lamps			241																																																																																																																																																																																																																																																																																					
Part XVI. Special Provisions for Horticultural Lighting Equipment			Part XVI. Special Provisions for Horticultural Lighting Equipment			Article 410—Luminaires, Lampholders, and Lamps			241	Part XVI. Special Provisions for Horticultural Lighting Equipment			Part XVI. Special Provisions for Horticultural Lighting Equipment			410.1	Scope	241	Part XVI. Special Provisions for Horticultural Lighting Equipment			Part XVI. Special Provisions for Horticultural Lighting Equipment			410.30	Supports	241	Part XVI. Special Provisions for Horticultural Lighting Equipment			Part XVI. Special Provisions for Horticultural Lighting Equipment			Article 440—Air-Conditioning and Refrigeration Equipment			242	Part XVI. Special Provisions for Horticultural Lighting Equipment			Part XVI. Special Provisions for Horticultural Lighting Equipment			410.40	General.....	242	Part XVI. Special Provisions for Horticultural Lighting Equipment			Part XVI. Special Provisions for Horticultural Lighting Equipment			410.44	Equipment Grounding Conductor	242	Part XVI. Special Provisions for Horticultural Lighting Equipment			Part XVI. Special Provisions for Horticultural Lighting Equipment			410.46	Equipment Grounding Conductor Attachment	242	Part XVI. Special Provisions for Horticultural Lighting Equipment			Part XVI. Special Provisions for Horticultural Lighting Equipment			Article 440—Air-Conditioning and Refrigeration Equipment			243	Part XVI. Special Provisions for Horticultural Lighting Equipment			Part XVI. Special Provisions for Horticultural Lighting Equipment			440.1	Scope	243	Part XVI. Special Provisions for Horticultural Lighting Equipment			Part XVI. Special Provisions for Horticultural Lighting Equipment			440.9	Grounding and Bonding.....	243																																																																																																																																																																																															
Part XVI. Special Provisions for Horticultural Lighting Equipment			Article 410—Luminaires, Lampholders, and Lamps			241																																																																																																																																																																																																																																																																																					
Part XVI. Special Provisions for Horticultural Lighting Equipment			Part XVI. Special Provisions for Horticultural Lighting Equipment			410.1	Scope	241	Part XVI. Special Provisions for Horticultural Lighting Equipment			Part XVI. Special Provisions for Horticultural Lighting Equipment			410.30	Supports	241	Part XVI. Special Provisions for Horticultural Lighting Equipment			Part XVI. Special Provisions for Horticultural Lighting Equipment			Article 440—Air-Conditioning and Refrigeration Equipment			242	Part XVI. Special Provisions for Horticultural Lighting Equipment			Part XVI. Special Provisions for Horticultural Lighting Equipment			410.40	General.....	242	Part XVI. Special Provisions for Horticultural Lighting Equipment			Part XVI. Special Provisions for Horticultural Lighting Equipment			410.44	Equipment Grounding Conductor	242	Part XVI. Special Provisions for Horticultural Lighting Equipment			Part XVI. Special Provisions for Horticultural Lighting Equipment			410.46	Equipment Grounding Conductor Attachment	242	Part XVI. Special Provisions for Horticultural Lighting Equipment			Part XVI. Special Provisions for Horticultural Lighting Equipment			Article 440—Air-Conditioning and Refrigeration Equipment			243	Part XVI. Special Provisions for Horticultural Lighting Equipment			Part XVI. Special Provisions for Horticultural Lighting Equipment			440.1	Scope	243	Part XVI. Special Provisions for Horticultural Lighting Equipment			Part XVI. Special Provisions for Horticultural Lighting Equipment			440.9	Grounding and Bonding.....	243																																																																																																																																																																																																									
Part XVI. Special Provisions for Horticultural Lighting Equipment			410.1	Scope	241																																																																																																																																																																																																																																																																																						
Part XVI. Special Provisions for Horticultural Lighting Equipment			Part XVI. Special Provisions for Horticultural Lighting Equipment			410.30	Supports	241	Part XVI. Special Provisions for Horticultural Lighting Equipment			Part XVI. Special Provisions for Horticultural Lighting Equipment			Article 440—Air-Conditioning and Refrigeration Equipment			242	Part XVI. Special Provisions for Horticultural Lighting Equipment			Part XVI. Special Provisions for Horticultural Lighting Equipment			410.40	General.....	242	Part XVI. Special Provisions for Horticultural Lighting Equipment			Part XVI. Special Provisions for Horticultural Lighting Equipment			410.44	Equipment Grounding Conductor	242	Part XVI. Special Provisions for Horticultural Lighting Equipment			Part XVI. Special Provisions for Horticultural Lighting Equipment			410.46	Equipment Grounding Conductor Attachment	242	Part XVI. Special Provisions for Horticultural Lighting Equipment			Part XVI. Special Provisions for Horticultural Lighting Equipment			Article 440—Air-Conditioning and Refrigeration Equipment			243	Part XVI. Special Provisions for Horticultural Lighting Equipment			Part XVI. Special Provisions for Horticultural Lighting Equipment			440.1	Scope	243	Part XVI. Special Provisions for Horticultural Lighting Equipment			Part XVI. Special Provisions for Horticultural Lighting Equipment			440.9	Grounding and Bonding.....	243																																																																																																																																																																																																																		
Part XVI. Special Provisions for Horticultural Lighting Equipment			410.30	Supports	241																																																																																																																																																																																																																																																																																						
Part XVI. Special Provisions for Horticultural Lighting Equipment			Part XVI. Special Provisions for Horticultural Lighting Equipment			Article 440—Air-Conditioning and Refrigeration Equipment			242	Part XVI. Special Provisions for Horticultural Lighting Equipment			Part XVI. Special Provisions for Horticultural Lighting Equipment			410.40	General.....	242	Part XVI. Special Provisions for Horticultural Lighting Equipment			Part XVI. Special Provisions for Horticultural Lighting Equipment			410.44	Equipment Grounding Conductor	242	Part XVI. Special Provisions for Horticultural Lighting Equipment			Part XVI. Special Provisions for Horticultural Lighting Equipment			410.46	Equipment Grounding Conductor Attachment	242	Part XVI. Special Provisions for Horticultural Lighting Equipment			Part XVI. Special Provisions for Horticultural Lighting Equipment			Article 440—Air-Conditioning and Refrigeration Equipment			243	Part XVI. Special Provisions for Horticultural Lighting Equipment			Part XVI. Special Provisions for Horticultural Lighting Equipment			440.1	Scope	243	Part XVI. Special Provisions for Horticultural Lighting Equipment			Part XVI. Special Provisions for Horticultural Lighting Equipment			440.9	Grounding and Bonding.....	243																																																																																																																																																																																																																											
Part XVI. Special Provisions for Horticultural Lighting Equipment			Article 440—Air-Conditioning and Refrigeration Equipment			242																																																																																																																																																																																																																																																																																					
Part XVI. Special Provisions for Horticultural Lighting Equipment			Part XVI. Special Provisions for Horticultural Lighting Equipment			410.40	General.....	242	Part XVI. Special Provisions for Horticultural Lighting Equipment			Part XVI. Special Provisions for Horticultural Lighting Equipment			410.44	Equipment Grounding Conductor	242	Part XVI. Special Provisions for Horticultural Lighting Equipment			Part XVI. Special Provisions for Horticultural Lighting Equipment			410.46	Equipment Grounding Conductor Attachment	242	Part XVI. Special Provisions for Horticultural Lighting Equipment			Part XVI. Special Provisions for Horticultural Lighting Equipment			Article 440—Air-Conditioning and Refrigeration Equipment			243	Part XVI. Special Provisions for Horticultural Lighting Equipment			Part XVI. Special Provisions for Horticultural Lighting Equipment			440.1	Scope	243	Part XVI. Special Provisions for Horticultural Lighting Equipment			Part XVI. Special Provisions for Horticultural Lighting Equipment			440.9	Grounding and Bonding.....	243																																																																																																																																																																																																																																					
Part XVI. Special Provisions for Horticultural Lighting Equipment			410.40	General.....	242																																																																																																																																																																																																																																																																																						
Part XVI. Special Provisions for Horticultural Lighting Equipment			Part XVI. Special Provisions for Horticultural Lighting Equipment			410.44	Equipment Grounding Conductor	242	Part XVI. Special Provisions for Horticultural Lighting Equipment			Part XVI. Special Provisions for Horticultural Lighting Equipment			410.46	Equipment Grounding Conductor Attachment	242	Part XVI. Special Provisions for Horticultural Lighting Equipment			Part XVI. Special Provisions for Horticultural Lighting Equipment			Article 440—Air-Conditioning and Refrigeration Equipment			243	Part XVI. Special Provisions for Horticultural Lighting Equipment			Part XVI. Special Provisions for Horticultural Lighting Equipment			440.1	Scope	243	Part XVI. Special Provisions for Horticultural Lighting Equipment			Part XVI. Special Provisions for Horticultural Lighting Equipment			440.9	Grounding and Bonding.....	243																																																																																																																																																																																																																																														
Part XVI. Special Provisions for Horticultural Lighting Equipment			410.44	Equipment Grounding Conductor	242																																																																																																																																																																																																																																																																																						
Part XVI. Special Provisions for Horticultural Lighting Equipment			Part XVI. Special Provisions for Horticultural Lighting Equipment			410.46	Equipment Grounding Conductor Attachment	242	Part XVI. Special Provisions for Horticultural Lighting Equipment			Part XVI. Special Provisions for Horticultural Lighting Equipment			Article 440—Air-Conditioning and Refrigeration Equipment			243	Part XVI. Special Provisions for Horticultural Lighting Equipment			Part XVI. Special Provisions for Horticultural Lighting Equipment			440.1	Scope	243	Part XVI. Special Provisions for Horticultural Lighting Equipment			Part XVI. Special Provisions for Horticultural Lighting Equipment			440.9	Grounding and Bonding.....	243																																																																																																																																																																																																																																																							
Part XVI. Special Provisions for Horticultural Lighting Equipment			410.46	Equipment Grounding Conductor Attachment	242																																																																																																																																																																																																																																																																																						
Part XVI. Special Provisions for Horticultural Lighting Equipment			Part XVI. Special Provisions for Horticultural Lighting Equipment			Article 440—Air-Conditioning and Refrigeration Equipment			243	Part XVI. Special Provisions for Horticultural Lighting Equipment			Part XVI. Special Provisions for Horticultural Lighting Equipment			440.1	Scope	243	Part XVI. Special Provisions for Horticultural Lighting Equipment			Part XVI. Special Provisions for Horticultural Lighting Equipment			440.9	Grounding and Bonding.....	243																																																																																																																																																																																																																																																																
Part XVI. Special Provisions for Horticultural Lighting Equipment			Article 440—Air-Conditioning and Refrigeration Equipment			243																																																																																																																																																																																																																																																																																					
Part XVI. Special Provisions for Horticultural Lighting Equipment			Part XVI. Special Provisions for Horticultural Lighting Equipment			440.1	Scope	243	Part XVI. Special Provisions for Horticultural Lighting Equipment			Part XVI. Special Provisions for Horticultural Lighting Equipment			440.9	Grounding and Bonding.....	243																																																																																																																																																																																																																																																																										
Part XVI. Special Provisions for Horticultural Lighting Equipment			440.1	Scope	243																																																																																																																																																																																																																																																																																						
Part XVI. Special Provisions for Horticultural Lighting Equipment			Part XVI. Special Provisions for Horticultural Lighting Equipment			440.9	Grounding and Bonding.....	243																																																																																																																																																																																																																																																																																			
Part XVI. Special Provisions for Horticultural Lighting Equipment			440.9	Grounding and Bonding.....	243																																																																																																																																																																																																																																																																																						

Article 450—Transformers	245	Article 555—Marinas, Boatyards, and Docking Facilities	271
450.1 Scope	245	555.1 Scope	271
450.10 Grounding and Bonding	245	555.13 Bonding of Non-Current-Carrying Metal Parts	271
Chapter 4—Practice Questions	247	555.37 Equipment Grounding Conductor	271
CHAPTER 5—SPECIAL OCCUPANCIES 251			
Article 501—Class I Hazardous (Classified) Locations	253	Chapter 5—Practice Questions 273	
Part I. General	253		
501.1 Scope	253		
501.30 Grounding and Bonding	253		
Article 502—Class II Hazardous (Classified) Locations	255	CHAPTER 6—SPECIAL EQUIPMENT 277	
502.1 Scope	255	Article 600—Electric Signs and Outline Lighting 279	
502.30 Grounding and Bonding	255	600.1 Scope	279
Article 503—Class III Hazardous (Classified) Locations	257	600.7 Grounding and Bonding	280
503.1 Scope	257		
503.30 Grounding and Bonding	257		
Article 517—Health Care Facilities	259	Article 645—Information Technology Equipment 283	
517.1 Scope	259	645.1 Scope	283
517.2 Definitions	259	645.15 Equipment Grounding and Bonding	283
517.12 Wiring Methods	260		
517.13 Equipment Grounding Conductor for Receptacles and Fixed Electrical Equipment in Patient Care Spaces	260		
517.16 Isolated Ground Receptacles	262		
Article 525—Carnivals, Circuses, Fairs, and Similar Events	265	Article 680—Swimming Pools, Spas, Hot Tubs, Fountains, and Similar Installations 285	
525.1 Scope	265	Part I. General Requirements for Pools, Spas, Hot Tubs, and Fountains	285
525.31 Equipment Grounding	265	680.1 Scope	285
525.32 Portable Equipment Grounding Conductor Continuity	265	680.2 Definitions	285
Article 547—Agricultural Buildings	267	680.6 Bonding and Equipment Grounding	289
547.1 Scope	267	680.7 Bonding and Equipment Grounding Terminals	289
547.2 Definitions	267	Part II. Permanently Installed Pools	289
547.5 Wiring Methods	268	680.21 Pool Motors	289
547.10 Equipotential Planes	269	680.23 Underwater Pool Luminaires	290
		680.24 Junction Box, Transformer, or GFCI Enclosure	291
		680.25 Feeders	291
		680.26 Equipotential Bonding	292
		Part IV. Spas, Hot Tubs, and Permanently Installed Immersion Pools	295
		680.40 General	295
		680.42 Outdoor Installations	296
		680.43 Indoor Installations	296
		Part V. Fountains	296
		680.50 General	296
		680.54 Connection to an Equipment Grounding Conductor	297
		680.55 Methods of Equipment Grounding	297
		Part VII. Hydromassage Bathtubs	297
		680.70 General	297
		680.74 Equipotential Bonding	297
		Part VIII. Electrically Powered Pool Lifts	298
		680.80 General	298
		680.83 Bonding	298

Article 690—Solar Photovoltaic (PV) Systems	299
Part I. General	299
690.1 Scope	299
690.2 Definitions	300
Part IV. Wiring Methods and Materials	300
690.31 Wiring Methods	300
Part V. Grounding and Bonding	301
690.43 Equipment Grounding and Bonding	301
690.45 Size of Equipment Grounding Conductors	303
690.47 Grounding Electrode System	303
Chapter 6—Practice Questions	305
CHAPTER 8—COMMUNICATIONS SYSTEMS	309
Article 800—General Requirements for Communications Systems	311
Part I. General	311
800.1 Scope	311
800.100 Cable and Primary Protector Bonding and Grounding	311
800.180 Grounding Devices	314
Article 810—Radio and Television Satellite Equipment	315
810.1 Scope	315
810.4 Community Television Antenna	315
810.6 Antenna Lead-In Protectors	316
810.7 Grounding Devices	316
810.15 Metal Antenna Supports—Grounding	316
810.20 Antenna Discharge Unit	316
810.21 Bonding Conductor and Grounding Electrode Conductors	317
Part III. Amateur and Citizen Band Transmitting and Receiving Stations—Antenna Systems	319
810.57 Antenna Discharge Units—Transmitting Stations	319
810.58 Bonding Conductors and Grounding Electrode Conductors—Amateur and Citizen Band Transmitting and Receiving Stations	319
Article 820—Community Antenna Television (CATV) and Radio Distribution Systems (Coaxial Cable)	321
Part I. General	321
820.1 Scope	321
Part III. Protection	321
820.93 Grounding of the Outer Conductive Shield of Coaxial Cables	321
Part IV. Grounding Methods	322
820.100 Bonding and Grounding Methods	322
Chapter 8—Practice Questions	323
Final Exam A—Section II Straight Order	325
Final Exam B—Section II Random Order	335
INDEX	345
About the Author	349
About the Illustrator	350
About the Mike Holt Team	351