

## Table of Contents

INTRODUCTIONvii	250.58 Common Grounding (Earthing) Electrode 40
HOW TO USE THIS TEXTBOOKix	250.60 Lightning Protection System Grounding (Earthing) Electrode
THE NATIONAL ELECTRICAL CODE xii	250.62 Grounding Electrode Conductor—Material 41
	250.64 Grounding Electrode Conductor Installation41
PART I. GENERAL	250.66 Grounding Electrode Conductor—Size 43
250.1 Scope	250.68 Grounding Electrode Conductor Termination 44
250.2 Definitions	250.70 Grounding Electrode Conductor Termination Fitting
250.4 General Requirements for Grounding and Bonding 6	
250.6 Objectionable Current	PART IV. GROUNDING (BONDING) OF ENCLOSURE,
250.8 Termination of Grounding and Bonding Conductors 14	RACEWAY AND SERVICE CABLE45
250.10 Protection of Fittings	250.80 Service Enclosures
250.12 Clean Surface	250.86 Other Enclosures
PART II. SYSTEM GROUNDING AND BONDING15	<b>PART V. BONDING</b>
250.20 Systems Required to be Grounded and Bonded 15	250.92 Service Bonding
250.24 Grounding and Bonding at Service Equipment 17	250.94 Grounding (Bonding) of Communications
250.28 Main Bonding Jumper and System Bonding	Systems
Jumper	250.96 Bonding Other Enclosures
250.30 Grounding and Bonding of Separately Derived	250.97 Bonding 277V/480V50
AC Systems	250.100 Bonding—Hazardous (Classified) Locations51
250.32 Buildings or Structures Supplied by a Feeder or Branch Circuit	250.102 Bonding Jumper
250.34 Generators—Portable and Vehicle-Mounted30	250.104 Bonding of Piping Systems and Exposed
250.36 High-Impedance Grounded Neutral Systems30	Structural Metal
220000 Thigh Impedance Grounded I vedical Dysteins	250.106 Lightning Protection System
PART III. GROUNDING ELECTRODE SYSTEM AND	PART VI. EQUIPMENT GROUNDING (BONDING) AND
<b>GROUNDING ELECTRODE CONDUCTOR</b> 33	<b>EQUIPMENT GROUNDING (BONDING) CONDUCTORS</b> 57
250.50 Grounding Electrode System	250.110 Fixed Equipment Connected by Permanent Wiring
250.52 Grounding (Earthing) Electrodes	Methods—General
250.53 Installation of Grounding Electrode System	250.112 Fixed Equipment Connected by Permanent Wiring  Methods—Specific
250.54 Supplementary Electrodes	
250.56 Resistance of Ground Rod Electrode	250.114 Equipment Connected by Cord and Plug57



250.118 Types of Equipment Grounding (Bonding)	250.134 Grounding (Bonding)—Fixed Equipment 64
Conductors	250.138 Grounding (Bonding)—Cord-and-Plug
250.119 Identification of Equipment Grounding	Connected Equipment
(Bonding) Conductor	250.140 Grounding (Bonding)—Ranges, Ovens, and
250.122 Sizing Equipment Grounding (Bonding)	Clothes Dryers
Conductor61	250.142 Use of Grounded Neutral Conductor for
250.126 Identification of Wiring Device Terminals 63	Equipment Grounding (Bonding)
PART VII. METHODS OF EQUIPMENT GROUNDING (BONDING)	250.146 Connecting Receptacle Grounding Terminal to Box
250.130 Equipment Grounding (Bonding) Conductor  Connections 63	250.148 Continuity and Attachment of Equipment Grounding (Bonding) Conductors to Boxes 69

