



Standard for
Installing Closed-Circuit
Television (CCTV) Systems

NEIS



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Table of Contents

- Foreword**iii
- 1. Scope**1
 - 1.1 Products and Applications Included1
 - 1.2 Products and Applications Excluded1
 - 1.3 Regulatory and Other Requirements1
- 2. Definitions**2
- 3. Delivery, Handling, and Storage**4
 - 3.1 Delivery4
 - 3.2 Handling4
 - 3.3 Storage4
- 4. Pre-Installation Considerations**5
 - 4.1 General5
 - 4.2 Documentation5
 - 4.3 Compatibility and Integration5
 - 4.4 Voltage Considerations5
 - 4.5 Camera Selection and Location6
- 5. Cabling and Conductors**7
 - 5.1 General7
 - 5.2 Video Cable and Conductors7
 - 5.3 Control Wiring8
 - 5.4 Data Cabling8
 - 5.5 Fiber Optic Cabling8
 - 5.6 Coaxial Connectors, Splices, and Terminations8
 - 5.7 Grounding and Bonding9
 - 5.8 Conduits and Raceways9
- 6. Installation**10
 - 6.1 General10
 - 6.2 Mounting and Supports10
 - 6.3 Camera Installation10
 - 6.4 Control Cabinet and Equipment11
 - 6.5 Software11
 - 6.6 Power Supplies11
 - 6.7 Storage Batteries12
 - 6.8 Site Cleanup12
- 7. Commissioning**13
 - 7.1 Field Adjustments13
 - 7.2 Acceptance Testing13

NECA 303 Standard for Installing Closed-Circuit Television (CCTV) Systems

7.3	Documentation	13
7.4	Training	14
8.	Maintenance	15
8.1	General	15
8.2	Routine Inspections, Maintenance, and Testing	15
8.3	Abnormal Operating Conditions	16
Annex A:	Reference Standards	17

1. Scope

This standard describes installation procedures for closed-circuit television system equipment installed for protection of building interiors, building perimeter, and surrounding property. This publication applies to closed-circuit television systems for security and monitoring activities in nonhazardous locations both indoors and outdoors. It also covers periodic routine maintenance procedures for closed-circuit television systems.

1.1 Products and Applications Included

This publication applies to the following:

1. Closed-circuit television camera
2. Monitors, switchers, multiplexers, and recording devices
3. Electronic hardware components
4. Conductor and cable installation

1.2 Products and Applications Excluded

This publication does not apply to the following:

1. One and two family dwellings
2. Installation of lighting fixtures or lighting design
3. Branch circuit wiring methods

4. Security of data, software, or computer systems
5. Transmission of video images to remote locations
6. Remote supervising locations that receive signals from premises CCTV systems
7. Alternate or back-up sources of power

1.3 Regulatory and Other Requirements

- a) All information in this publication is intended to conform to the National Electrical Code (ANSI/NFPA 70). Installers should always follow the NEC, NESC, applicable state and local codes, manufacturer's instructions, and contract documents when installing building grounding and bonding systems.
- b) Only qualified persons familiar with the installation of grounding and bonding systems should perform the work described in this publication.
- c) General requirements for installing electrical products and systems are described in NECA 1-2000, *Standard Practices for Good Workmanship in Electrical Contracting* (ANSI). Other *National Electrical Installation Standards* provide additional guidance for installing particular types of electrical products and systems. A complete list of *NEIS* is provided in Annex A.