

The NCSCB strongly recommends that YOU prepare for the Core Knowledge Written Examination. Below is the Knowledge Topics that are covered on the examination. Also, a short list of reference materials follows.

KNOWLEDGE TOPICS TO BE ADDRESSED ON THE WRITTEN PORTION OF THE NCSCB TEST

1. OSHA SAFETY Requirements
2. BASIC ELECTRICAL Theory, Formulas, Codes & Standards
3. DIELECTRIC THEORY
4. MEDIUM VOLTAGE Cable & CABLE Accessory Terminology
5. MEDIUM VOLTAGE Cable Applications
- 5.1. SOLID DIELECTRIC
- 5.2. PAPER INSULATED LEAD COVERED (PILC)
6. MEDIUM VOLTAGE CABLE ACCESSORY APPLICATIONS
- 6.1. PRE-MOLDED
- 6.2. HEAT & COLD SHRINK
- 6.3. TAPED
7. BASIC ELECTRIC System Operation
8. JOB Planning & Execution

A partial list of Suggested Reference Materials for the NCSCB Core Knowledge Written Examination

ANSI C119.4

IEEE 48, 386, 404, 1215, 1637

ICEA S-94-649 & S-97-682

CABLE ACCESSORY INSTALLATION INSTRUCTIONS from Manufacturers

HANDBOOKS & MANUALS From Cable Manufacturers

CRC ELECTRICAL ENGINEERING Handbook

OSHA 1910.269, 1926 SUBPART V

NEC®

NESC®

NFPA 70E® and NFPA 70F®

LINEMAN'S and CABLEMAN'S Handbook