

# NALMCO® Certified Lighting Controls Professional® CLCP<sup>™</sup>) Examination Handbook

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The National Association of Lighting Management Companies<sup>®</sup> (NALMCO) is an organization comprising lighting management companies and professionals dedicated to providing services, information, and industry connections for the benefit of its members and their clients.

For questions regarding application and registration processes, please refer to this Candidate Handbook. Contact NALMCO at (515) 243-2360 or memberservice@nalmco.org for further clarification.

#### **INDEPENDENT TESTING AGENCY**

NALMCO has partnered with the Alliance Safety Council (ASC) to administer, score, and analyze the Certified Lighting Controls Professional (CLCP) examination. ASC, based in Baton Rouge, Louisiana, is a leading provider of certification exams for professional organizations.

#### NONDISCRIMINATION POLICY

NALMCO and ASC adhere to a nondiscrimination policy, ensuring all candidates are treated fairly regardless of race, color, creed, gender, religion, national origin, disability, marital status, sexual orientation, or gender identity.

#### CONFIDENTIALITY

Confidentiality is maintained regarding candidate information and exam results. Reports and studies involving candidates do not include identifiable information without candidate authorization.

#### **EXAMINATION QUALIFICATIONS**

The Certified Lighting Control Professional program aims to:

- Elevate standards within the lighting management industry by recognizing individuals who demonstrate technical competence and knowledge through a rigorous examination and adherence to standards of performance and conduct.
- Provide a voluntary recognition process for personal and professional achievement within the industry.
- Raise public awareness of qualified, ethical, and professional individuals in the lighting management field.
- Identify individuals with the technical expertise required in the lighting industry.
- Promote ongoing professional development among industry members.

Certification does not restrict or determine who can practice as a Certified Lighting Controls Professional. The NALMCO Board of Directors expressly disclaims any intent to interfere with professional activities based on certification status. Absence of certification does not imply lack of qualification; it simply means the individual has not fulfilled CLCP requirements or applied for certification.

# EXAMINATION ADMINISTRATION/REGISTRATION

#### ADMINISTRATION

Examinations are conducted online through the Alliance Safety Council. Candidates can take the exam from their office or home at their convenience. Exams must be completed within 90 days of submitting the application and fee.

#### **REGISTRATION AND TESTING PROCESS**

- 1. Review the CLCP Candidate Handbook before applying for the examination.
- 2. Enroll and pay for the CLCP program on the NALMCO website (www.nalmco.org).
- 3. After processing your application and payment, you will receive an email regarding your testing session. Ensure your email system accepts emails from <u>memberservice@nalmco.org</u>. The email will provide your Username, Password, and the URL to access the exam online.
  - Alliance Safety Council recommends a high-speed internet connection with a minimum download speed of 250k.
    High-speed internet connection
  - Internet Browser (Google Chrome works best, but if you are using Internet Explorer, version 8 or higher works best)
  - Flash 8 or above
  - 5 years or newer with 256 ram (3 years if possible)
- 4. The exam consists of 100 multiple-choice questions, and you will have two (2) hours to complete it. You must achieve a minimum score of 70% to pass.

#### You have 90 days from the date you receive exam access to complete the exam.

#### SCORES CANCELLED BY NALMCO OR ASC

NALMCO and Alliance Safety Council ensure the validity and integrity of reported scores. In cases such as computer malfunctions or candidate misconduct, scores may be considered suspect. NALMCO and Alliance Safety Council reserve the right to invalidate or withhold examination results if violations of their regulations are discovered after investigation.

# PREPARING FOR THE EXAMINATION

Applicants are encouraged to complete the learning modules available through <u>NEMA Academy</u>, an online platform that provides accessible, high-quality training. Please note that these modules are not included in the CLCP exam registration and are individually priced between \$5 and \$20. To be eligible to take the exam, you must first register and submit payment to NALMCO Headquarters. Once your application has been processed, you will receive details about your testing session.

#### **EXAMINATION FEES**

CLCP Application and Three (3) Year Certification Fee: \$225 non-member, \$200 member CLCP Retake Fee: \$50 CLCP Recertification Fee: \$200 Fees are not refundable or transferable.

#### **PASSING THE EXAM**

Upon passing the CLCP examination, you are entitled to use the CLCP credential. Within one (1) week of passing, you will receive an email containing a link to print your certificate. Your achievement will also be recognized in Lighting Management & Maintenance (LM&M) magazine. Certification remains valid for three years, starting from January 1st of the year following your exam date.

Certification applies strictly to individuals. The CLCP designation cannot imply certification for a firm and must always accompany the certified individual's name. Certified Lighting Controls Professionals (CLCPs) may display their certification on company letterheads, business cards, or appropriate advertisements.

NALMCO will notify you in writing about your recertification deadline. Ensure NALMCO has your current address to receive these notifications promptly.

#### CREDENTIAL USAGE

After passing the exam, you may use the CLCP credential after your name.

John Doe, CLCP

If you are a Certified Apprentice Lighting Consultant (CALT), use the credentials as follows:

John Doe, CALT, CLCP

If you are a Certified Senior Lighting Consultant (CSLT), use the credentials as follows:

John Doe, CSLT, CLCP

If you are a Certified Lighting Management Consultant (CLMC), use the credentials as follows:

John Doe, CLCP, CLMC

#### CONTINUING EDUCATION REQUIREMENTS

Continuous education is crucial for lighting control professionals to adapt to industry advancements swiftly. To maintain certification, professionals must:

- 1. Pay a recertification fee by December 31 of the expiration year.
- 2. Accumulate 24 professional development hours (CEUs) every three years.

Credits can be earned through NALMCO Certification Committee approved activities, including:

- Participation in NALMCO educational programs.
- Successful completion of industry-related courses at colleges and universities.
- Attendance at lighting industry conventions and conferences.
- Participation in educational programs of recognized industry organizations (e.g., NEMA, AEE, IES, BOMA, NECA).
- Other approved activities such as giving speeches, writing articles on lighting management, and completing relevant online courses. Proof must demonstrate relevance to the lighting management industry.

Recording CEUs in Your NALMCO Profile

- 1. Log into your NALMCO account.
- 2. Navigate to CEU Tracking
- 3. Select "Add Credit" and fill out each field. (One hour of training equals 1 CEU.)

#### SUSPENSION OR REVOCATION OF CERTIFICATION

- If a Certified Lighting Controls Professional fails to accrue the required professional credits through continuing education, their certification will lapse upon the plaque's expiration date. Exceptions may be considered by the Certification Committee in cases of extenuating circumstances that can be reasonably addressed.
- Violation of the NALMCO Code of Ethics may result in certification revocation. The certified professional will be granted a hearing by the Certification Committee, receiving written notice of the complaint, hearing details, and the opportunity to present their perspective. Notice will be provided at least thirty (30) days prior to the hearing.
- Misuse of the CLCP designation implying company-wide certification or corporate accreditation will lead to certification revocation for the involved individuals upon completion of a hearing. Evidence and testimony will substantiate the charges. Individuals and their companies will receive written notice thirty (30) days before the hearing.

#### **EXAMINATION RETAKES**

If you do not pass the examination, you have the option to pay a \$50 retake fee and attempt the exam again.

#### REFUNDS

Registration fees are non-refundable.

## **EXAMINATION OUTLINE**

#### DOMAINS AND COMPETENCIES

The certification examination comprises 100 multiple-choice questions that align with domains in the Nema Academy modules.

#### The CLCP exam covers:

- Introduction to Lighting Control
- Switching Control
- Dimming Control
- Lighting Control System Design
- Lighting Controls for Existing Buildings
- Commissioning and Lighting Controls
- Daylight Harvesting
- Lighting and Commercial Energy Codes
- Personal Lighting Control
- Lighting Control and LEDs
- Wireless Lighting Control
- Intelligent Lighting Control

### **EXAM PREPARATION TIPS**

#### How to Study

To prepare for the examination, NALMCO recommends completing each module of Nema Academy, before taking the exam.

#### **Managing Test Anxiety**

Moderate anxiety can boost performance, but severe anxiety may hinder it. To manage test anxiety, practice relaxation techniques like deep breathing, positive visualization, and affirmations. Maintain a healthy lifestyle with good sleep, nutrition, and limited alcohol. Most importantly, follow a structured study plan for effective preparation.

#### Tips for Taking the Examination

Use your time wisely—try to finish over half of the 100 questions within the first hour of the two-hour exam. Take short breaks to rest your eyes and stretch.

- Read each question thoroughly and focus on what it's asking.
- Consider all answer choices before selecting the best one.
- Stick to the information given; don't overinterpret or assume.
- Be alert to words like "not," "except," or "least," which signal exception-based questions.
- Note key terms such as "best," "most," "primary," or "usually" to guide your decisions.
- If you need to guess, eliminate clearly wrong answers first to improve your odds.
- Don't leave any questions blank—there's no penalty for incorrect answers, so always respond.

Following these tips can help you stay calm, focused, and in control during the exam.

# NALMCO CODE OF ETHICS

We recognize that the moral fiber of any organization is only as good as that of each individual member. We endorse and adhere to the NALMCO<sup>®</sup> Code of Ethics and promote sound and ethical business management practices by:

- Disclosing all payment or allowance of rebates, commissions or discounts, whether in the form of certain purchaser's allowances under unlike terms and conditions; or, refraining from the selling of goods or services below cost with the intent of injuring a competitor or of unreasonably restraining trade.
- Using materials and/or methods of installation only in accordance with applicable government laws, rules, and regulations obtained in the territory affected.
- Promoting healthy, free enterprise by never willfully inducing the breach of existing contracts between competitors and their customers by any false or deceptive means whatsoever or interfering with or obstructing the performance of any such contractual duties or services; or never enticing away the employees of competitors.
- Providing services and products that conform to the samples submitted or to representations made prior to securing the orders, or the secure consent of the purchasers regarding substitutions.
- Refraining from the defamation of competitors by falsely imputing to them dishonorable conduct, inability to perform contracts, questionable credit standing, or by other false representations, or the false disparagement of the grade or quality of their goods and services.
- Never knowingly aiding or abetting another in the use of unfair trade practices.
- Honestly and professionally communicating with customers to determine their needs and to offer the best choices regarding benefits to them, lighting levels, color, energy savings, safety and thrift; not to overstate, oversell, exaggerate, or high pressure.
- Keeping abreast of industry improvements and changes and keeping customers informed.
- Promoting and aiding research and advancement of lighting technology and promoting the education of employees of the lighting industry.
- Abiding by the bylaws of this organization.