

DOCKETED

Docket Number:	13-ATTCP-01
Project Title:	Acceptance and Training Certification
TN #:	215156-8
Document Title:	Final Eighth Amendment
Description:	Amendment to NLCAA agreement
Filer:	Jack Yapp
Organization:	NLCAA
Submitter Role:	Applicant
Submission Date:	1/4/2017 2:45:13 PM
Docketed Date:	1/4/2017

EIGHTH AMENDMENT

NOTE: ... to the *APPLICATION FOR APPROVAL OF NLCAA, (THE NATIONAL LIGHTING CONTRACTORS ASSOCIATION OF AMERICA), AS A LIGHTING CONTROLS ACCEPTANCE TEST TECHNICIAN PROVIDER. (Rev 04)*

... Consists of correcting the following APPLICATION Sections:

Page 9: Three instances of "Rev01B" changed to: "Rev02"

Page 17: One instance of "REV01B" changed to: "Rev02"

§ 10-103-A (c) 3. **Requirements for Applicant ATTCPs to Document Training and Certification Procedures.**

Acceptance Test Technician Employer Training Course manual and materials – Rev01B2

Lighting Controls Acceptance Test Technician Course manual and materials – Rev01B2

§ 10-103-A (c) 3. **A. Training Scope.**

Lighting Controls Acceptance Test Technician Course – Rev01B2

Theoretical training such that Acceptance Test Technicians demonstrate their ability to apply the Building Energy Efficiency Standards acceptance testing and documentation requirements shall include (but not be limited to): Material made public by the dissemination techniques detailed previously as:

“... The Certification Provider(s) shall provide reasonable access to certification ... class availability”

The quizzes shall be of varying length and consist of multiple-choice-type questions with four answers of which one and only one is the correct response.

The examination shall be 50 questions in length and consist of multiple-choice-type questions with four answers of which one and only one is the correct response. An applicant achieving a score of 35 correct responses shall be deemed to have passed the written or interactive examination. A passing score on the examination is required for certification.

§ 10-103-A (c) B. (i) **Curricula**

Theoretical training topics shall include, (but not be limited to), the topics presented in Attachment 2: “Lighting Controls Acceptance Test Technician Class Outline”.

Additionally, the NLCAA Lighting Controls Acceptance Test Technician course of instruction shall meet or exceed the requirements of: § 10-103-A (c) B. (ii) **Hands-on training**

§ 10-103-A (c) C. **Lighting Controls Acceptance Test Employer Training.**

§ 10-103-A (c) 3. **A. Training Scope.**

Acceptance Test Technician Employer Training - ~~“REV01B”~~ Rev02

Theoretical training such that Acceptance Test Technicians Employers demonstrate their understanding of the Building Energy Efficiency Standards acceptance testing and documentation requirements shall include (but not be limited to), course material provided by methods listed to address:

“... The Certification Provider(s) shall provide reasonable access to certification ... class availability”

The quizzes shall be of varying length and consist of multiple-choice-type questions with four answers of which one and only one is the correct response.

The examination shall be 27 questions in length and consist of multiple-choice-type questions with four answers of which one and only one is the correct response. An applicant achieving a score of 19 correct responses shall be deemed to have passed the written or interactive examination. A passing score on the examination is required for certification.

Theoretical training topics shall include, (but not be limited to), the topics presented in Attachment 3: “Acceptance Test Technician Employer Class Outline”

Practical training such that Acceptance Test Technicians Employers demonstrate their understanding of the Building Energy Efficiency Standards acceptance testing and documentation requirements shall include (but not be limited to), a demonstration which allows the collection of illuminance data to be observed and analyzed to provide proper values for entry on acceptance testing form: NRCA-LTI-03-A. The demonstration generates measurements taken on the following simulated scenario:

1) Continuously Dimmed Closed-Loop Daylighting System

Prior to beginning certification training: prequalified NLCAA Lighting Controls Acceptance Test Employer Training certification candidates must read, review and sign the “NLCAA Lighting Controls Acceptance Test Employer Associate Contract” (Attachment 11). NLCAA Lighting Controls Acceptance Test Employer Training Candidates must state that they are aware of any additional physical or monetary burdens they will face in the future as NLCAA Certified Lighting Controls Acceptance Test Employers.

“... reasonable access to certification ... considering factors such as certification costs commensurate with the complexity of the training being provided, prequalification criteria, class availability, and curriculum.”

The charge for the NLCAA Lighting Controls Acceptance Test Technician Employer Certification course of instruction is: \$650.⁰⁰

ϕ 10-103-A (c) 3. **Requirements for Applicant ATTCPs to Document Training and Certification Procedures.**

Acceptance Test Technician Employer Training Course manual and materials – Rev02

Lighting Controls Acceptance Test Technician Course manual and materials – Rev02

ϕ 10-103-A (c) 3. **A. Training Scope.**

Lighting Controls Acceptance Test Technician Course – Rev02

Theoretical training such that Acceptance Test Technicians demonstrate their ability to apply the Building Energy Efficiency Standards acceptance testing and documentation requirements shall include (but not be limited to): Material made public by the dissemination techniques detailed previously as:

“... The Certification Provider(s) shall provide reasonable access to certification ... class availability”

The quizzes shall be of varying length and consist of multiple-choice-type questions with four answers of which one and only one is the correct response.

The examination shall be 50 questions in length and consist of multiple-choice-type questions with four answers of which one and only one is the correct response. An applicant achieving a score of 35 correct responses shall be deemed to have passed the written or interactive examination. A passing score on the examination is required for certification.

ϕ 10-103-A (c) B. (i) **Curricula**

Theoretical training topics shall include, (but not be limited to), the topics presented in Attachment 2: “Lighting Controls Acceptance Test Technician Class Outline”.

Additionally, the NLCAA Lighting Controls Acceptance Test Technician course of instruction shall meet or exceed the requirements of: ϕ 10-103-A (c) B. (ii) **Hands-on training**

§ 10-103-A (c) C. **Lighting Controls Acceptance Test Employer Training.**

§ 10-103-A (c) 3. **A. Training Scope.**

Acceptance Test Technician Employer Training - Rev02

Theoretical training such that Acceptance Test Technicians Employers demonstrate their understanding of the Building Energy Efficiency Standards acceptance testing and documentation requirements shall include (but not be limited to), course material provided by methods listed to address:

“... The Certification Provider(s) shall provide reasonable access to certification ... class availability”

The quizzes shall be of varying length and consist of multiple-choice-type questions with four answers of which one and only one is the correct response.

The examination shall be 27 questions in length and consist of multiple-choice-type questions with four answers of which one and only one is the correct response. An applicant achieving a score of 19 correct responses shall be deemed to have passed the written or interactive examination. A passing score on the examination is required for certification.

Theoretical training topics shall include, (but not be limited to), the topics presented in Attachment 3: “Acceptance Test Technician Employer Class Outline”

Practical training such that Acceptance Test Technicians Employers demonstrate their understanding of the Building Energy Efficiency Standards acceptance testing and documentation requirements shall include (but not be limited to), a demonstration which allows the collection of illuminance data to be observed and analyzed to provide proper values for entry on acceptance testing form: NRCA-LTI-03-A. The demonstration generates measurements taken on the following simulated scenario:

1) Continuously Dimmed Closed-Loop Daylighting System

Prior to beginning certification training: prequalified NLCAA Lighting Controls Acceptance Test Employer Training certification candidates must read, review and sign the “NLCAA Lighting Controls Acceptance Test Employer Associate Contract” (Attachment 11). NLCAA Lighting Controls Acceptance Test Employer Training Candidates must state that they are aware of any additional physical or monetary burdens they will face in the future as NLCAA Certified Lighting Controls Acceptance Test Employers.

“... reasonable access to certification ... considering factors such as certification costs commensurate with the complexity of the training being provided, prequalification criteria, class availability, and curriculum.”

The charge for the NLCAA Lighting Controls Acceptance Test Technician Employer Certification course of instruction is: \$650.⁰⁰