

DOCKETED

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June 27, 2022

Via the CEC's E-filing System

Attn: Docket Unit (MS-4)
Docket 13-ATTCP-01
California Energy Commission
1516 Ninth Street
Sacramento, CA 95814

Re: 2022 NEMIC ATTCP Update Report

Dear Docket Unit:

I write on behalf of the National Energy Management Institute Committee (“NEMIC”), to e-file NEMIC’s 2022 Update Report with proposed amendments to its previously approved Application to be a Mechanical Acceptance Test Technician Certification Provider (“ATTCP”) under California Code of Regulations (“CCR”), Title 24, Part 6, § 10-103.2 (f) (“Mechanical ATTCP Application”). The original application was approved at the March 11, 2015 business meeting of the California Energy Commission, with portions amended with the 2016 NEMIC ATTCP Update Report which was approved on June 13, 2018 and with the 2019 NEMIC ATTCP Update report which was approved on June 10, 2020. These documents are submitted under the California Energy Commission’s Docket Unit, Docket 13-ATTCP-01.

The 2022 NEMIC Amended Mechanical ATTCP Application includes amendments to address the following adjustments required to meet the changes in the 2022 Energy Standards:

- a. Revise functionality requirements for the occupant sensor zone controls to align with the ventilation requirements of the updated Energy Code
- b. Acceptance testing of heat recovery bypassing HRV/ERV or DOAS systems
- c. Expansion of the alternative of using an ATT in place of a Home Energy Rating System (HERS) Rater (for duct leakage testing) to include all the following HERS Tests for low-rise (and high-rise) multifamily buildings:
 - I. Duct sealing
 - II. Dwelling unit mechanical ventilations airflow – continuous operations
 - III. Dwelling unit mechanical ventilations airflow – intermittent operations
 - IV. Kitchen local mechanical exhaust verification
 - V. H/ERV rated performance verification and building envelope air leakage
- d. Verification of the heat recovery ventilation (HRV) or energy recovery ventilation (ERV) requirement in multi-family buildings with four habitable stories or more



Specific changes to the NEMIC ATT (“Acceptance Testing Technician”) and ATE (“Acceptance Testing Employer”) Certification Exams addressing these adjustments are listed with Attachments 2.3, Mechanical Acceptance Test Employer Certification Exam and 3.4 Mechanical Acceptance Test Technician Certification Exams, submitted under cover with Application for Confidential Designation with the 2022 NEMIC ATTCP Amended Application. The Amended Application and associated Attachments are submitted concurrent to this 2022 Update Report.

Adjustments for the NEMIC Mechanical Acceptance Test Employer Training (Attachment 2.2) and Mechanical Acceptance Test Technician Training Materials (Attachment 3.2) are also submitted under cover with 2022 NEMIC ATTCP Amended Application. Training for Mechanical Acceptance Test Technicians is organized in Modules by Mechanical Acceptance Test. For clarification, the required 2022 Energy Standards adjustments are covered in the associated Modules as identified below:

- a. **Revise functionality requirements for the occupant sensor zone controls to align with the ventilation requirements of the updated Energy Code** is addressed through the Training Modules for Mechanical Acceptance Test NRCA-MCH-3-A – HVAC and Heat Pumps.
- b. **Acceptance testing of heat recovery bypassing HRV/ERV or DOAS systems** is addressed through the Training Modules for Mechanical Acceptance Test NRCA-MCH-05-A – Economizer DOAS HRV ERV.
- c. **Duct Sealing** is addressed through the Training Modules for Mechanical Acceptance Test NRCA-MCH-22-A.
- d. **Dwelling unit mechanical ventilations airflow – continuous operations and Dwelling unit mechanical ventilations airflow – intermittent operations** is addressed through the Training Modules for Mechanical Acceptance Test NRCA-MCH-20a-H and NRCA-MCH-20c-H.
- e. **Kitchen local mechanical exhaust verification** is addressed through the Training Modules for Mechanical Acceptance Test NRCA-MCH-20b-H Kitchen Range Exhaust.
- f. **H/ERV rated performance verification and building envelope air leakage** is addressed through the Training Modules for Mechanical Acceptance Test NCRA-MCH-20d-H.
- g. **Verification of the heat recovery ventilation (HRV) or energy recovery ventilation (ERV) requirement in multi-family buildings with four habitable stories or more** is addressed through the Training Modules for Mechanical Acceptance Test NRCA-MCH-23-A – HRV-ERV Verification.

All other adjustments for the 2022 NEMIC ATTCP Amended Application are addressed with the cover letter to the Amended Application and within the preface of the Amended Application itself, submitted concurrently with this 2022 Update Report.



This report certifies that the NEMIC ATTCP has met all requirements of Section 10-103.2(c) for this program as specified in their application as approved by the Energy Commission.

If you have any questions, please do not hesitate to contact me.

Sincerely,

David Bennett

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