

DOCKETED	
Docket Number:	20-ATTCP-01
Project Title:	Mechanical Acceptance Test Technician Implementation Proceedings
TN #:	235480
Document Title:	NEBB Resubmission Letter
Description:	Mechanical Acceptance Requirements and Request for Information Letter October 2020
Filer:	Tiffany Suite
Organization:	NEBB
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October 19, 2020

California Energy Commission
1516 9th Street MS-14
Sacramento, CA 95814

RE: Docket 20-ATTCP-01
Mechanical Acceptance Test Technician Requirements and Request for Information

Dear Mr. Loyer:

This letter is to assist in the development of this CEC report and provide feedback to the CEC staff on the below items that were requested from NEBB regarding NEBB’s ATTCP Program.

1. A list of certified ATTs and the following information for each. NEBB Currently has one Approved ATT.
 - a. Name – Geoffrey Asbell
Mailing address – 1133 Aladdin Avenue, San Leandro, Ca 94577
Phone number - (510) 224-7845
Email – gasbell@accoes.com
 - b. Certification type(s). Geoffrey Asbell is currently Certified in the below Acceptance Forms.

ACCEPTANCE TEST	TECHNICIANS	ACCEPTANCE TEST	TECHNICIANS
CA-MCH-02-A CV	1	CA-MCH-10-A	
CA-MCH-02-A VAV	1	CA-MCH-11-A	
CA-MCH-03-A	1	CA-MCH-12-A	1
CA-MCH-04-B		CA-MCH-13-A	
CA-MCH-05-A	1	CA-MCH-14-A	
CA-MCH-06-A	1	CA-MCH-15-A	
CA-MCH-07-A	1	CA-MCH-16-A	
CA-MCH-08-A		CA-MCH-17-A	
CA-MCH-09-A		CA-MCH-18-A	

- c. Associated Acceptance Test Employer (ATE) – ACCO Engineered Systems, Inc.



NEBB

8575 Grovemont Circle | Gaithersburg, MD 20877

Main – 301.977.3698 | Fax – 301.977.9589

www.nebb.org

2. A list of certified ATEs and the following information for each:
 - a. Name - ACCO Engineered System, Inc.
Mailing address – 1133 Aladdin Avenue, San Leandro, Ca 94577
Phone number – (408) 607-8290
Email – aryman@accoes.com
 - b. California service territory, based on actual job sites, and including any associated travel fees. Northern and Southern California. Travel fees for individual per Union Contract when traveling to areas outside of the Greater Bay Area.
 - c. Basic cost (\$/hour or \$/job) for acceptance test services. Hourly Labor Rates vary from \$150/hr to \$220/hr across the state. This rate can vary beyond these typical hourly rates based on project specifics and details. Overtime/weekend rates can impact the cost as well as project readiness and other variables.
3. Minimum requirements for application to ATT training is three (3) years of verifiable field experience in HVAC and Controls Systems and the ability to successfully pass appropriate entrance exam. The likelihood that these professionals would apply for the ATTCP training is shown using the following scale. NEBB has marked each category with a likelihood these professionals would apply for ATTCP training as either an ATT or an ATE. Scale is as follows:
Very Likely, Likely, Neutral, Not Likely or Very Unlikely
 - a. Professional Engineers – Neutral
 - b. Licensed Architects – Not Likely
 - c. HVAC Installers – Very Likely
 - d. Mechanical Contractors – Very Likely
 - e. Certified Testing and Balancing Technicians – Very Likely
 - f. Controls Installation and Startup Contractors – Likely
 - g. Certified Commission Professionals – Neutral
4. ATTCP logo as it will appear on nonresidential certificates of acceptance. NEBB's Logo to be used is as follows:





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5. Estimates of the direct cost and total time required to train and certify a technician to perform each of the following NRCA acceptance tests:

- | | | |
|--------------|-------------|-------------|
| a. MCH-02-A | e. MCH-05-A | i. MCH-12-A |
| b. MCH-03-A | f. MCH-06-A | j. MCH-13-A |
| c. MCH-04a-A | g. MCH-07-A | k. MCH-19-A |
| d. MCH-04b-A | h. MCH-11-A | |

Each of the above forms require (1) initial testing to prove the experience level (2) online training on the specific form and (3) hands-on training located in Southern California. Without taking any travel time into consideration the time required to complete all three aspects of NEBB's training would be a minimum of 4 hours per test. Cost associated with each test individually is approximately \$410.00 a test. NEBB offers package deals when tests are bought in bulk. Pricing for a four (4) test package reduces the price from \$1640 to \$1280. These costs are in regard to the testing process only. Additional fees for the Technician's include one (1) Application fee of \$40.00 and two (2) Certification fees of \$50.00.

6. Typical hourly wage that a mechanical contractor might use to determine their bid for a job for a certified technician to perform the acceptance test. Item 2.a. explains the hourly rate would range from \$150 up to \$220 an hour however these rates are at straight time with no unordinary circumstances.

Please do not hesitate to contact me if there are any questions regarding this report.

Best regards,

Tiffany J. Suite
NEBB Executive Vice President