



NACC & AGMT NEWSLETTER

NEWSLETTER: FALL 2018 COVERAGE

[NACC PROGRAM](#)

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AGMT UPDATE

AGMT Administers Beta Test Nation-Wide

AGMT Program began beta-testing its knowledge-based test portion of the certification process (KBT) and physical-based test (PBT). The program is moving steadily forward with the process, and beta-testing is one of the final steps to ensure that the test is a well-executed assessment.

Support and input from industry steering committees has allowed the process to stay ahead of schedule on development and beta-testing.

The goal of beta-testing is to make sure that test candidates can understand and accurately participate in the final version of the exam. It helps eliminate questions and problems that do not trend well or appear to “trick” the candidate to perform incorrectly.

By examining candidates based on their fundamental glazing knowledge and competency the program mission is to identify glaziers that have the ability to perform work in a manner that will minimize defects and failures.

[Read Full Story](#)



Glaziers participate in knowledge-based beta test



AGMT Test Rig

NACC UPDATE

Congratulations to the Newest Certified Companies

The Hard Work and High Quality Practices have Earned the Following NACC Certification:

Headquartered in Morgan Hill, California, Pacific Glazing Contractors is led by glass industry veteran **Michael Wells**.

"It helped accelerate the improvements we were already focused on and brought to light many new improvements that were needed. We recommend this certification for any company that is not satisfied with mediocre craftsmanship. We also hope our potential clients recognize the value that NACC certification brings in ensuring that Pacific Glazing Contractors' projects meet or exceed client's expectations of quality, timing, and budget."

[Learn More about Pacific](#)



Headquartered in Sacramento, California., Bagatelos Architectural Glass Systems (BAGS) was established in 1999 by Nick Bagatelos. The glazing subcontractor designs, engineers, fabricates and installs exterior facades for complex multi-story buildings.

Chris Bagatelos, CEO, says, "We hope that others in the construction field, including owners, architects and general contractors will see the value of the NACC certification and use it to distinguish companies that are complete and thorough in their processes and procedures. We anticipate that others will see this certification as offering a deeper level of transparency into an organization's overall health and ability to perform at a high-level."

[Learn More about Bagatelos](#)



Trade Show Recap

Marketing has been a major focus of NACC and this initiative has taken the form of personal networking. As the team travels internationally to exhibit at various trade shows and present to numerous, diverse audiences, the Program has seen extreme growth. The interpersonal interactions continue to strengthen NACC's international presence and garner more participants.

Where We Have Been:

AIA NYC: June 2018

Where To See Us Next:

GlassBuild America: *September 12 - 14, Las Vegas*

SCIP Long Beach: *October 1 -2, Long Beach*

CONSTRUCT: *October 4 - 5, Long Beach*



NACC exhibits at GlassBuild in Las Vegas



Booth staff and visitors at AIA in June

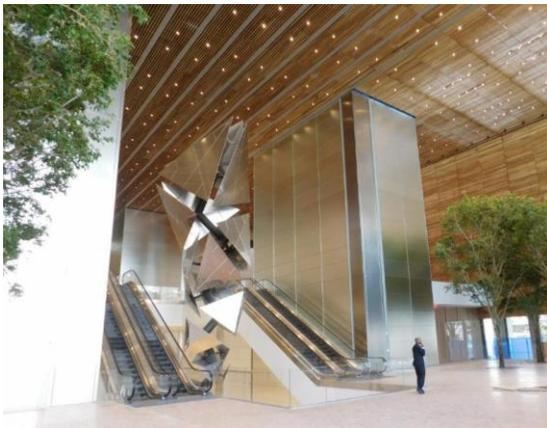
CASE STUDY: NACC CASE STUDY

The new Comcast Innovation Center towers 60 stories above Center City, Philadelphia. At 1,121 feet, it's the city's tallest building. The project, which is scheduled to open later this year, is significant not only for its height. It also features smart building controls to make it one of the most energy efficient in the region with anticipated LEED Platinum certification.

NACC: Preventative Action

The building's five-story glass-enclosed atrium lobby contains a winter garden with 30-foot-tall tropical trees. The lobby podium incorporates 2,700 nine-by-three-foot decorative glass wall panels. Eureka Metal & Glass Services, Inc. performed the installation – and claims their NACC certification helped the team identify a manufacturing design limitation and find a solution. Eureka President Terry Webb explained that the NACC certification forced his team to look at every process and identify paperwork and electronic controls to document evidence of appropriate outcomes. “We realized that it's much easier to do a deep dive well before a job starts or bid date approaches,” he said. “We evolved the company to identify future risks over the horizon rather than risks right in front of us.”

The NACC Certification Program works to help contractors create, implement, and improve aspects of their practices. By focusing on systems, procedures, and processes, it is the program's mission to help contractors take proactive approaches to their projects. For Eureka's role in the Comcast Tower Lobby, the company's preventative actions resulted in a higher-quality, more efficient finished project.



New Cleats

As designed, the Comcast lobby's decorative glass installation would have required removal of up to 18 pieces each time a single panel needed to be replaced for cleaning or repair. Eureka spotted the issue well before installation.

NACC provides requirements to promote a safe working environment and adherence to OSHA requirements. Project reviews and safety Corrective And Protection Actions (CAPA) by designated safety personnel are encouraged BEFORE a job begins, in order to identify, document, and address project and site-specific safety requirements. Due to these requirements, the cleat issue was brought back from the field to management where it was solved.

Working in collaboration with McGrory Glass and glazing engineer Eckersley O'Callaghan, Eureka came up with a cleat that would change the install and replacement processes and modeled it for validation. The new, deeper cleat allows installation of a panel with glass in place above and/or below. The panel can be pulled out while still retaining enough engagement to satisfy engineering needs. The glass pushes back straight against the wall and then slides down 1/8 inch to lock into position. The communication and collaboration between sectors within Eureka was a result of staying up to date with OSHA requirements. With this practice, Eureka performed root cause analysis, making the initial issue solvable. This process allowed a problem to be recognized before developing into a more serious challenge.

Safety

At Comcast, the oversize glass panels needed to be installed up to 80 feet off the ground. A high reach from below or a hoist from above were non-starters due to floor strength. Just as with the cleat issue, the Eureka team relied on its NACC processes to examine its ability to install safely. Eureka and LF Driscoll devised a solution, where a central platform up to 75 feet tall had walking surfaces ringing the scaffold every 7 feet vertically. This allowed every piece of glass to be set from a top “dance floor” to locations as far as 70 feet below. Almost surgical in precision, glass was sometimes lowered between gaps of 12 inches between the scaffolding and wall. This methodology reduced falls and increased install speed.

Smart Solutions

The NACC certification process caused Eureka to anticipate problems and identify solutions in advance – both regarding efficiency and safety. Certified contractors are encouraged to pause and rebuild a process or rethink a



design - and their quality management system provides them with evidence to document concerns. “To achieve NACC certification, we needed to acknowledge our shortcomings and then make changes in the way we think and act,” explained Webb. “At Comcast, the same approaches we learned from NACC resulted in the development of smart solutions that were incorporated into the system design.”



Case Study by Amanda Weko, [AGW Communications](#)

[Learn more about Eureka here](#)

*Pictures of Comcast lobby project corrected to represent work by
Eureka Metal and Glass
Courtesy of Foster + Partners*

UPCOMING EVENTS

**AGMCC (AGMT & NACC)
ANNUAL MEETING**
November 7 - 8, 2018 2018
Chicago, Willis Tower: 66th Floor, Room 7105

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