SEAN MELCHER

FIELD VERIFIED

Sean Melcher began his career in the construction industry building commercial buildings and custom homes in Southern California. This wide range of construction projects provided valuable insight and experience in a variety of practical construction processes. While serving in the U.S. Air Force he was trained to perform quality assurance duties and implement practices that ensured products conformed to exact specifications. He utilized the Air Force Management Internal Control Toolset program to track and monitor issues and ensure compliance with more than 1,500 tasks. The quality assurance skills and expertise acquired from serving in the Air Force, coupled with the hands-on experience in construction, produced a strong start in a construction quality assurance career.

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Construction Experience

Mr. Melcher has personally performed inspections on more than 75 commercial projects. On these projects he develops construction quality assurance inspection standards and protocols based on project documents and products in use. He is certified for forensic Investigation of water intrusion and remediation via testing, thermography and invasive inspection.

To achieve testing laboratory certification, he developed hundreds of pages of policy and procedure for the certification of a new construction testing laboratory in compliance with ISO standards. He mastered testing procedures and investigation of failure on exterior envelope specimens and materials. Only a handful of individuals in the country have the expertise that Mr. Melcher has gained through air testing and water testing building materials in both a laboratory and field setting.

Project Highlights

On each project, Mr. Melcher administered the Construction Quality Assurance services, including direct inspection, construction document review, air and water performance testing. He also managed full-time inspectors and developed inspection standards.

Airport Projects

San Diego International Airport-Airport Support Building	Current
Phoenix Sky Harbor Rental Car Center	2020
Phoenix Sky Harbor Propulsion Buildings	2019
San Diego International Airport Terminal 2 Parking Garage	2018
San Diego International Airport Federal Inspection Facility	2017

Project Experience on More than 15 Health Care Projects

Kaiser Permanente Center of Excellence, Hesperia, CA	2020
Baylor-Scott & White Medical Center, Pflugerville, TX	2019
Banner University Medical Center Tucson Patient Tower	2018
Banner University Medical Center Phoenix Patient Tower	2017

Project Experience on More than 20 Higher Education Projects

UCLA Block 16 Development	2020
Arizona State University Durham Hall, Tempe, AZ	2019
Arizona State University Student Pavilion, Tempe, AZ	2018
University of Arizona Biosciences Research Building, Tucson	2017
University of Texas Robert B. Rowling Hall, Austin, TX	2017

Project Experience on More than 20 Commercial/Retail Projects

Google Data Centers in Oregon and Oklahoma	2020
Facebook Data Centers in Oregon, Texas, New Mexico and Utah	2019
Charles Schwab Austin Campus, Austin, TX	2018
Luhr's Marriott Courtyard, Downtown Phoenix	2017

SAFETY CERTIFICATIONS

Scaffold Safety Awareness
OSHA 29 CFR 1926.451

Fall Protection
OSHA Subpart M 1926.500-503

Aerial and Scissor Lift Safety
29 CFR 1926.453

OSHA 10-Hour Construction Safety

OSHA 30-Hour Training for Construction

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