

Agenda

Building Construction Quality and Quality Assurance into Projects *L. Luke*

Addressing construction quality from the beginning: contract language
Quality assurance
Quality control
Components of quality jobs: design, materials, communication and monitoring

Examining Common Defects and Failures *L. Luke*

Analyzing defects and failures for methodology and causality

- Site selection and engineering
- Building design
- Foundation design and construction
- Design and construction of floors, walls and roofing
- Exploring defects and failures in mechanical and electrical systems

Adopting Practices that Reduce Defects and Failures *L. Luke*

Reviewing proposed use and preparing construction documents
Complying with building codes and standards
Choosing materials and construction techniques
Construction site communication, coordination and other practices that minimize problems
Monitoring construction
Quality assurance and quality control
Correcting problems before project completion
Building commissioning, operation and maintenance

Preventing and Resolving Disputes Generated by Defects and Failures *J. Collidge*

Identifying parties with potential liability
Understanding theories of liability and defenses to liability
Acting to remediate defects/failures
Participating in conflict resolution procedures:

- Mediation, arbitration, litigation

Reviewing types of damages and how they are calculated
Insurance coverage issues

Handling Ethical Issues Associated with Defects and Failures *R. Bowman*

Understanding the parties roles and relationships
Understanding the liability and indemnification provisions in construction documents
Duty to raise potential safety, durability issues
Making warrantees and guarantees
Working outside areas of competence

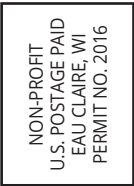


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Assuring Construction Quality and Preventing Defects and Failures

Live, Interactive Webinar - Wednesday, October 2, 2024



HalfMoon Education Inc.
PO Box 278
Altoona, WI 54720-0278



Learning Objectives

You'll be able to:

Understand the concepts of quality assurance and quality control in construction.

Analyze comment defects and failures for methodology and causality.

Adopt practices that monitor quality and that can help correct potential problems.

Act to remediate defects and failures, and participate in conflict resolution processes.

Handle ethical issues associated with defects and failures.



HalfMoon Education Inc.,
Your LIVE Education Leader Presents

Assuring Construction Quality and Preventing Defects and Failures

Live, Interactive Webinar - Wednesday, October 2, 2024



Address construction quality in contract documents

Analyze common types of construction defects and failures

Adopt practices that reduce defects and failures

Prevent and **resolve** disputes generated by defects and failures

Handle ethical issues that can be caused by failing to maintain quality

Continuing Education Credits

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1.0 Ethics Hour

Architects
7.0 HSW CE Hours
7.0 AIA LU | HSW

International Code Council
0.7 CEUs (Building)



Webinar Information

Online - Wednesday, October 2, 2024

Log into Webinar 8:30 - 9:00 am CDT	Break 12:15 - 12:45 pm CDT
Morning Session 9:00 am - 12:15 pm CDT	Afternoon Session 12:45 - 5:00 pm CDT

Tuition
\$339 for individual registration.
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Faculty

Lance Luke, CCI, CCPM, CCC, CHI,
Construction Management Inspection LLC
Mr. Luke has over 40 years of experience in the construction and engineering industry. He offers inspections, construction management, and construction consultation for residential and commercial projects and is a national speaker on such construction related topics such as engineering, building safety, real estate, construction litigation, expert witness services, building codes and more. He is a two-time best-selling author on the subjects of construction management and building safety and has numerous articles published in national construction, design and management publications. Mr. Luke has also been a featured guest on national media shows such as *Times Square Today* and *Hollywood Live* which were broadcast on national media outlets such as *ABC, CNBC, CNN, NBC, Fox Affiliates, A&E* and *Bravo*. He is a member of various national construction associations and has earned certifications for certified construction inspector, certified construction project manager, certified construction consultant and certified building inspector.

Jamey Collidge Associate, Troutman Pepper
Mr. Collidge is an associate in the construction group with Troutman Pepper Hamilton Sanders LLP, based out of the Philadelphia, Pennsylvania office. Mr. Collidge focuses on construction and government contract matters throughout the United States and represents clients in both state and federal court litigation as well as alternative dispute resolution proceedings. Mr. Collidge earned his B.A. degree at Wake Forest University and his J.D. degree at Villanova University Charles Widger School of Law. Mr. Collidge is a contributor to the firm's construction blog, constructlaw.com, and is a contact point for the Construction Group Covid-19 Response Team. Before joining the firm he was a deputy attorney general in the New Jersey Attorney General's office.

Rebecca Bowman, Esq., P.E. Law Office of Rebecca A. Bowman
Ms. Bowman is a sole proprietor, practicing in dispute resolution, estate planning, civil engineering, real estate, legal services, strategic development, and training. She is experienced in dispute resolution, estate planning and administration, engineering design and forensic analysis, construction/ project management, real estate, small business start-up, employment law, and nonprofit support. She is a registered professional engineer and a certified arbitrator and mediator. Mrs. Bowman writes a column for the *PE Reporter*, "Risky Business," and she lectures for the Community College of Allegheny County, Pennsylvania State University, the Washington County Bar Association, the Pennsylvania Society of Professional Engineers and others. She earned her B.S. degree in Civil Engineering from the University of North Dakota, her M.B.A. degree from Oklahoma University, and her J.D. degree from Duquesne University. She just completed her certificate in Sustainability Policy from Penn State and has recently joined the National Society of Professional Engineers as their Senior Director of Ethics and Professional Practice

Credit Information

This webinar is open to the public and is designed to qualify for 7.0 PDHs for professional engineers and 7.0 HSW continuing education hours for licensed architects in all states that allow this learning method. Please refer to specific state rules to determine eligibility.

HalfMoon Education is an approved continuing education sponsor for engineers in Florida (Provider License No: CEA362), Indiana (License No. CE21700059), Maryland, New Jersey (Approval No. 24GP00049300) and North Carolina (S-0130). HalfMoon Education is deemed an approved continuing education sponsor for New York engineers and architects via its registration with the American Institute of Architects Continuing Education System (Regulations of the Commissioner §68.14(i)(2) and §69.6(i)(2)). Other states do not preapprove continuing education providers or courses.

The American Institute of Architects Continuing Education System has approved this course for 7.0 HSW LUs (Sponsor No. J885). Only full participation is reportable to the AIA/CES.

The International Code Council has approved this event for .7 CEUs in the specialty area of Building (Preferred Provider No. 1232).

Attendance will be monitored, and attendance certificates will be available after the webinar for those who attend the entire course and score a minimum 80% on the quiz that follows the course (multiple attempts allowed).

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Additional Learning

- Project Management for Engineers**
- Friday, September 13, 2024 | 9:00 am - 5:30 pm CDT
- Pumping and Piping Systems**
- Thursday, September 19, 2024 | 9:00 am - 12:15 pm CDT
- Friday, September 20, 2024 | 9:00 am - 12:15 pm CDT
- Reinforced Concrete Building Design and Construction**
- Thursday, September 19, 2024 | 8:30 am - 4:30 pm CDT
- Using RSMeans Data to Create Cost Estimates**
- Thursday, September 19, 2024 | 9:00 am - 4:30 pm CDT
- Distinguishing Between Construction Defects and Failures**
- Wednesday, September 25, 2024 | 1:00 - 3:00 pm CDT
- Aerial Mapping for Land Surveyors and Civil Engineers**
- Monday, September 30, 2024 | 9:00 am - 4:00 pm CDT
- Solar Photovoltaic Covered Parking Facilities**
- Monday, September 30, 2024 | 10:00 am - 12:00 pm CDT

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