

Agenda

Distinguishing between Construction Defects and Failures *D. Ducran*

- Defining defects
- Causes of defects: problems with design, materials and/or construction
- Defining failures
- Causes of failures: deterioration, unintended use, “Acts of God”

Examining Common Defects and Failures *D. Ducran*

- 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 *J. Dawson*

- 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. Dawson*

- 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 *J. Dawson*

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

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Preventing and Addressing Construction Defects and Failures in Texas

Live, Interactive Webinar - Monday, October 4, 2021

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Learning Objectives

You’ll be able to:

Distinguish between construction defects and failures.

Determine the causes of construction defects and failures, including design, construction, deterioration and unintended use.

Identify practices that can reduce defects and failures, such as the use of robust quality assurance and quality control practices.

Learn how contracting procedures and construction site communication and coordination can reduce defects and failures.

Handle ethical issues, including the duty to raise potential safety and durability issues about constructed components.



HalfMoon Education Live Webinars

Preventing and Addressing Construction Defects and Failures in Texas

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Understand causes of construction defects and failures

Determine the methodology and causality of defects and failures

Adopt practices to reduce defects and failures

Identify legal theories that assign liability for damages due to defects and failures

Consider your duty to raise potential issues regarding safety and durability of constructed components

Continuing Education Credits

Professional Engineers
7.0 PDHs
Including 1.0 Ethics Hour

Architects
7.0 HSW CE Hours

AIA
7.0 LU | HSW
International Code Council
.7 CEUs (Building)



Faculty

Denis G. Ducran *Peckar & Abramson, P.C., Houston*
Mr. Ducran is senior counsel in Peckar & Abramson's Houston office. A board-certified construction lawyer and registered architect, He focuses primarily on construction industry transactions, litigation, arbitration and risk management. Mr. Ducran works closely with owners, architects, contractors and subcontractors to provide practical counsel regarding the avoidance and resolution of disputes on construction projects. He offers extensive industry experience in preparing and negotiating contracts, as well as litigation, arbitration and mediation of construction disputes. Prior to joining Peckar & Abramson, Mr. Ducran served as vice president and general counsel of an ENR 400 general contractor. During his six year tenure, the firm significantly reduced overall litigation and arbitration matters, in large part, by handling the majority of matters in-house. Mr. Ducran is a registered architect who practiced architecture in Houston prior to beginning his career in construction law. He is an Industry Advisory Board member at the University of Houston's Department of Construction Management, where he also teaches Construction Law and Ethics in both fall and spring semesters.

Dr. John V. Dawson, AIA, AICP, LEED AP
Associate vice president of operations for the Texas A&M University in Corpus Christi.
Dr. Dawson has over 40 years of experience in construction project management at the federal, state, county and local levels of government, as well as the private sector. Prior to accepting the position with TAMUCC and relocating to Corpus Christi, Texas, Dr. Dawson was with the Federal Aviation Administration (FAA) Southwest Regional Airports Division, where he managed planning, programming, design and construction projects for airports throughout the State of Louisiana. He was the FAA project manager for the \$950 million New Orleans Airport Terminal and the \$150 million Lafayette Airport terminal projects in addition to over 20 other projects at various airports throughout the State of Louisiana. Dr. Dawson is a retired Air Force Civil Engineering Officer with assignments that allowed him to oversee and manage design and construction programs supporting the U.S. space program expendable launch vehicles (ELV) and commercialization of spaceports throughout the United States and overseas. Dr. Dawson has a PhD degree in Urban Planning and Public Policy; a master's degree in Business Administration and a bachelors of science degree in Architecture. He is a registered architect in the State of Texas, a certified city planner thorough the American Institute of Certified Planners, and a LEED AP. He also is on the Board of Directors for the Association of Texas Colleges and Universities Facilities Professionals (TCUF).

Webinar Information

Log into Webinar 8:00 - 8:30 am CDT	Break 11:45 am - 12:45 pm CDT
Morning Session 8:30 - 11:45 am CDT	Afternoon Session 12:45 - 5:00 pm CDT

Tuition
\$289 for individual registration
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Cancellations: Cancel at least 48 hours before the start of the webinar, and receive a full tuition refund, minus a \$39 service charge for each registrant. Cancellations within 48 hours will receive a credit toward another webinar or the self-study package. You may also authorize another person to take your place.

Continuing Education Credit Information
This webinar is open to the public and offers 7.0 PDHs to professional engineers, including 1.0 ethics hour, and 7.0 HSW CEPHs/continuing education hours to architects licensed in Texas. Educators and courses are not subject to preapproval in Texas.

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

Professional engineers and architects seeking continuing education credit in states other than Texas will be able to claim the hours earned at this seminar, in most cases. Refer to specific state rules to determine eligibility.

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

Completion certificates will be awarded to participants who complete this event, respond to prompts, and earn a passing score (80%) on the quiz that follows the presentation (multiple attempts allowed).

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Additional Learning

Handling Ethical Issues in Construction
- Tues, Aug 31, 2021 | 3:00 - 5:00 pm CDT

**Complying with NFPA 101 (2021):
Life Safety Code**
- Thurs, Sept 2, 2021 | 9:30 am - 5:30 pm CDT

Erosion and Sediment Control
- Thurs, Sept 9, 2021 | 9:00 am - 4:00 pm CDT

Engineered Lumber Design and Construction
- Fri, Sept 10, 2021 | 8:30 am - 4:20 pm CDT

**Foundation Damage and Repair:
Science, Materials and Techniques**
- Fri, Sept 10, 2021 | 9:30 am - 5:00 pm CDT

National Electrical Code 2020
- Mon, Sept 13, 2021 | 8:30 am - 5:00 pm CDT

Bioretention System Design
- Mon, Sept 13, 2021 | 10:00 am - 12:00 pm CDT

**Avoiding Ethical Pitfalls Along
the Road to Sustainable Construction**
- Tues, Sept 14, 2021 | 9:00 - 10:00 am CDT

Seismic Design and Construction
- Tues, Sept 14, 2021 | 11:00 am - 3:00 pm CDT
- Wed, Sept 15, 2021 | 11:00 am - 3:00 pm CDT

For more information and other online learning opportunities visit:
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Registration

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Complete the entire form. Attach duplicates if necessary.	Email address is required for credit card receipt, program changes, and notification of upcoming seminars and products. Your email will not be sold or transferred.
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