

Credit and Webinar Information

Special Inspections Under the Building Code of Pennsylvania, Chapter 17

This webinar offers 7.0 PDHs to Pennsylvania professional engineers and 7.0 non-mandatory continuing education hours to architects licensed in Pennsylvania. Educators and courses for engineers are not subject to preapproval in Pennsylvania.

The American Institute of Architects Continuing Education System has approved HalfMoon Education as a provider of continuing education (Sponsor No. J885). Course approval is pending. Please visit this course listing at www.halfmoonseminars.org for updates.

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 all prompts, and earn a passing score (80%) on the quiz that follows the presentation (multiple attempts allowed).

Construction Law for Pennsylvania Public Projects

This webinar is open to the public and offers 7.5 PDHs to professional engineers and 7.5 non-mandatory continuing education hours to architects licensed in Pennsylvania. Educators and courses are not subject to pre-approval in Pennsylvania.

The American Institute of Architects Continuing Education System has approved this course for 7.5 LU| Elective (Sponsor No. J885). Only full attendance is reportable to the AIA/CES.

The International Code Council has approved this event for .75 CEUs in the specialty area of Administration (Preferred Provider No. 1232).

This course offers a non-credit continuing education opportunity to construction contractors. It has not been approved by any contractor licensing entity for mandatory continuing education credit.

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

Can't Attend? Order the Webinar as a Self-Study Package!

Recordings of each webinar are available for purchase. See course listing online for more information and please refer to specific state licensing rules or certification requirements to determine if this learning method is eligible for continuing education credit. Self-study packages do not qualify for AIA credit.

Live, Interactive Webinars

- Special Inspections Under the Building Code of Pennsylvania, Chapter 17
- Construction Law for Pennsylvania Public Projects

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Live, Interactive Webinars

Special Inspections Under the Building Code of Pennsylvania, Chapter 17

- Wednesday, July 14, 2021 | 8:30 am - 5:00 pm EDT

Construction Law for Pennsylvania Public Projects

- Thursday, July 22, 2021 | 8:30 am - 5:00 pm EDT

To register, view detailed presenter biographies, and see other learning opportunities, please visit:

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HalfMoon Education Online Learning Live, Interactive Webinars for Pennsylvania Building Professionals



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(see inside for more information)

Special Inspections Under the Building Code of Pennsylvania, Chapter 17

Wednesday, July 14, 2021 | 8:30 am - 5:00 pm EDT

Credits: Professional Engineers: 7.0 PDHs Architects: 7.0 HSW CE Hours
AIA: Pending International Code Council: .7 CEUs (Building)

Construction Law for Pennsylvania Public Projects

Thursday, July 22, 2021 | 8:30 am - 5:00 pm EDT

Credits: Professional Engineers: 7.5 PDHs Architects: 7.5 CE Hours
AIA: 7.5 LU| Elective International Code Council: .75 CEUs (Administration)
Contractors: Non-Credit Continuing Ed.

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Special Inspections Under the Building Code of Pennsylvania, Chapter 17

Wednesday, July 14, 2021 | 8:30 am - 5:00 pm EDT (incl. a 60-min break)

Tuition: \$289 per registrant, \$199 per registrant for three or more

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Overview of Special Inspections

- Scope and timeline
- Statement of special inspections and testing
- Special inspector and testing agent qualifications, accreditation
- Contracts and conflicts of interest
- Pre-construction meeting
- Jobsite protocol

Soils and Foundation Inspection and Testing

- Soil inspection vs geotechnical consultant
- Existing soil conditions
- Deep foundations

Masonry Inspection and Testing

- Reinforced masonry pre-grout inspection
- Grouting inspection
- Grout testing, mortar prism testing

Concrete Inspection and Testing

- Preplacement inspection of forms and reinforcement
- Concrete sampling and testing
- Concrete inspection
- Post-placement inspection: curing, etc.

Steel Inspection and Testing

- Inspection of steel frames
- Connection details
- Shop fabrication
- Weld inspection and testing
- Bolt inspection and testing
- Pre-engineered metal buildings

Other Steel Inspections

- Steel decking
- Open-web steel joists
- Cold-formed steel framing
- Cold-formed steel trusses

Wood Construction

- Inspection of wood structural elements:
 - Wood fasteners and connections
 - Architectural wall panels
 - Metal plate-connected wood trusses

Other Inspections

- Fire-resistant materials
- Exterior insulation and finish systems (EIFS)
- Smoke control

Seismic and Wind Resistance

- Seismic requirements
- Inspections, tests, observations
- Wind resistance – observations

Load Tests and Material and Test Standards

Discrepancies and Reports

- Reports and discrepancy list
- Resolving discrepancies
- Reinspections
- Final report

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Construction Law for Pennsylvania Public Projects

Thursday, July 22, 2021 | 8:30 am - 5:00 pm EDT (incl. a 30-min break)

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Public Procurement Law Applicable to Public

Construction Contracting

- What is public construction contract?
- Why are public contracts treated differently?
- Commonwealth procurement code
 - To whom it applies/does not apply
 - Components of the code
- Law applicable to non-commonwealth public entities
- Types of public construction contracts
 - Design-award-build contracts
 - Fast-track contracts
 - Build-operate transfer contracts
 - Design-build and turnkey contracts
 - Best value contracts
 - Value engineering

Design Professional Contracts and Project Management

- Statutory requirements for professional services
- Key elements in design services contracts
- Teaming agreements
- Joint venture agreements

Bidding on Pennsylvania Public Contracts

- Overview of bidding requirements and procedures
- Competitive bidding
- Responsive and responsible bidders
- Multi-prime contacts
- Bidding under the code
- Bid protests
- Appeals and judicial review of bid protests

Construction Contracts – Understanding Key Provisions

- Payment
- Scheduling
- Changes and modifications
- Damages
- Claims and disputes
- Indemnification
- Risk allocation
- Insurance and surety
- Permits
- Relationships with other parties
- Termination

Contractor Claims and Damages

- Types of claims
- Delay, suspension and interference
- Acceleration
- Extra or additional work
- Misrepresentation
- Calculating damages
- Documenting the claim
- Recovery preclusion
 - Contractual provisions
 - Statutory limitations and sovereign immunity
 - Spoilation of evidence doctrine

Labor and Employment Laws

- Health and safety laws and requirements
- Labor laws and equal employment opportunity requirements
- Prevailing wage
- E-Verify

Dispute Resolution

- Mediation
- Arbitration
- Pennsylvania Board of Claims
- Litigation in court
- Performance and payment bond claims

Ethical Issues in Government Construction Law

- Conflicts of interest
- Gifts and favors
- Designer's preclusion

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Faculty

Special Inspections Under the Building Code of Pennsylvania, Chapter 17

James D'Aloisio, P.E., SECB, LEED AP *Principal with Klepper, Hahn & Hyatt in Syracuse*

Mr. D'Aloisio is a principal with Klepper, Hahn & Hyatt, a structural engineering, landscape architecture, and building envelope services firm in East Syracuse, New York. A graduate of Rensselaer Polytechnic Institute, Mr. D'Aloisio is a registered professional engineer in New York and Massachusetts, and he has been certified by the Structural Engineering Certification Board (SECB) since its inception in 2007. He is a member and past president (1997-1998) of the American Society of Civil Engineers (ASCE) Syracuse Section, and a member of the American Institute of Steel Construction (AISC), the American Concrete Institute (ACI), the National Society of Professional Engineers (NSPE), and the Structural Engineers Association of New York State (SEAoNY). Mr. D'Aloisio is a member of ASCE/SEI's Frost-Protected Shallow Foundations Committee, the Structural Condition Assessment of Existing Buildings Committee, and the Sustainability Committee, and he is a member of Committee ACI 318-N. He is a trained infrared thermographer. Mr. D'Aloisio received the Order of the Engineer at Syracuse University in 1997. His 30-plus years' experience as a consulting structural engineer has primarily involved the design of new building structures, additions, and modifications, and analyses, assessments, and investigations of structures and facades. Specialties include detailing to minimize structural thermal bridging, the use of alternative structural systems and design approaches that can reduce the CO2 emissions of structures and foundations. Mr. D'Aloisio has been involved in numerous special inspection projects, including developing statements of special inspections, performing inspections, and facilitating discrepancy resolutions. He has also performed over 150 structural forensic investigations, and he has presented over 300 times.

Construction Law for Pennsylvania Public Projects

Kenneth W. Lee is senior counsel with the law firm of Saidis, Shultz & Fisher, LLC, focusing his practice in the areas of commercial contracts and the litigation thereof, construction litigation, construction-related insurance matters, municipal and government contracts and surety law. Mr. Lee represents owners, contractors (including general contractors, subcontractors, and specialty contractors), designers and surety providers in all fields of the construction industry. He has handled mechanics' lien and litigation matters in numerous states, has written and lectured on most areas in which he practices, and has acted as an expert witness. Mr. Lee drafted the Contracts Section of the *Pennsylvania Standard Jury Instructions* (2nd, 3rd, 4th Eds.) published by the Pennsylvania Bar Institute. He is a member of the Pennsylvania Bar Association, Allegheny County Bar Association, the Cumberland County Bar Association, and the Dauphin County Bar Association, formerly the Better Business Bureau where he served as an arbitrator/mediator, the Associated Pennsylvania Constructors (APC), the Constructors Association of Western Pennsylvania and the Master Builders of Western Pennsylvania. He previously had been appointed to the following national committees for the Associated General Contractors of America: Construction Education Committee, Surety Bonding Committee, and Contract Documents Committee. Mr. Lee also sits on the Board of Directors of The National Civil War Museum, and previously served on the boards of various other non-profit organizations. Mr. Lee is a Fellow with the Construction Lawyers Society of America, has been selected by his peers for inclusion in *The Best Lawyers in America*® consistently over the last 20 years in the Construction Law category ("Lawyer of the Year" in 2019), and similarly been selected as a Pennsylvania Super Lawyer® in the Construction/Surety Law Category. Mr. Lee is a 1987 graduate of the University of Pittsburgh School of Law, where he received the Faculty Award for Legal Scholarship and was Director of the Legal Assistance Program. He is a graduate of The Mercersburg Academy, earned his bachelor of arts degree from Gettysburg College, obtained a master of arts degree from Villanova University and is a member of the Phi Kappa Phi Honor Society.

Christopher E. Fisher is a founding member of Saidis, Shultz & Fisher, and has been serving the legal needs of a wide variety of clients for more than 15 years. His clients range from the individual facing their first legal concern, to multi-million-dollar organizations and government agencies. Mr. Fisher's litigation experience includes negotiations, arbitrations, mediations, administrative proceedings, County Courts, Federal Courts, Bankruptcy Courts and Appellate Courts in Pennsylvania and New Jersey, as well as numerous other jurisdictions where he has been admitted to handle specific cases. His experience also allows him to assist clients in navigating their business activities through the myriad of legal issues facing today's businesses. Mr. Fisher's business clients include charitable and religious organizations, construction and trade organizations, financial and banking institutions, professional firms and agencies, real estate investors, manufacturers, health services, wealth advisors, auctioneering and the services industry. He is a member of the Pennsylvania, Cumberland County and Dauphin County Bar Associations. Mr. Fisher is licensed to practice in Pennsylvania and New Jersey. He earned his law degree from Widener University School of Law – Harrisburg, in 2005, and his undergraduate degree from the University of Nevada – Las Vegas.