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About Haag Certified Inspector Program

In the roofing and insurance industries, the phrase "Haag Certified" carries a lot of weight. It indicates that you can effectively and efficiently inspect and assess damage. Your report conclusions have a deeper level of credibility: your Certification training could serve as the extra authority you need if you ever find yourself at odds with another's findings. Ultimately, with the damage assessment techniques gained in your Certification course, you can increase your value as an inspector to your employer and to your clients. Being Certified could be the reason you get called on a job. Other inspectors lack the skills and knowledge you've gained by passing courses developed and taught by practicing forensic engineers.



Residential Roof Inspector Certification

The *Haag Certified Inspector - Residential Roofs* program is designed to make you highly proficient with all major types of residential (steep-slope) roofs. You'll learn how hail and wind interact with roofing, inspection safety techniques, roof area calculations, and applicable codes. You'll also gain comprehensive understanding of manufacture, installation, weathering, hail damage, wind damage, maintenance, mechanical damage, and repair costs for each major roofing type – composition, wood shingle/shake, concrete and clay tile, asbestos, fiber cement, and various synthetic, slate, and metal roofing types. Real-world case studies make the information vivid and memorable.



Commercial Roof Inspector Certification

In the *Haag Certified Inspector - Commercial Roofs* program, you'll learn to assess damage to all major types of commercial (low-slope and flat) roofing systems. You'll become well versed in inspection safety, roof area calculations, codes and industry standards, and weather characteristics. For each roofing type discussed, instructors profile manufacture, installation, weathering, hail damage, wind damage, maintenance, mechanical damage, and repair costs. The course covers built-up roofing, polymer-modified bitumen roofing, thermoplastic single-ply roofs (PVC and TPO), thermoset plastic single-ply roofs (EPDM, CSPE, PIB), SPF roofing, metal roofing, vegetated (green) roofing, low-slope roofing components, and roof coatings. Case studies illustrate real-world inspection scenarios.



Wind Damage Inspector Certification

Holding Haag's *Wind Damage* Certification will show that you have an advanced understanding of wind types and related wind effects, for the purpose of accurately inspecting and assessing an entire building following a wind event. Participants gain an in-depth understanding of all types of wind events (straight-line, tornadic, down-burst, hurricane) and their effects on major types of steep-slope and low-slope roofing

systems. They also learn advanced techniques to evaluate and document damage to an entire building envelope (not just the roof) following a wind event. Further, students develop the skills to differentiate wind damage from conditions caused by other factors, both natural and mechanical.

Benefits of Haag Certification



IS OUR PROGRAM FOR YOU?

Haag offers intensive three-day courses covering Commercial Roofs, Residential Roofs, and Wind Damage. Designed for the intermediate-level professional, our courses combine damage assessment training with comprehensive testing to ensure proficiency.

WHICH CERTIFIED INSPECTOR PROGRAM IS RIGHT FOR YOU?

Each Haag Certified Inspector course is uniquely designed by Haag Engineers to enhance your damage assessment knowledge. The chart below shows the topics covered in each class to help determine which courses will best serve to enhance your knowledge and career!

Each Haag Certified Inspector course is uniquely designed by Haag engineers to enhance your damage assessment credentials. The chart below shows what each class covers. Use it to determine which course(s) will best serve to advance your knowledge and career!

TYPES OF ROOFS    			
Fibercement/Synthetic Roofs			
Slate Roofs			
Asphalt Shingles			
Wood Roofs			
Tile Roofs			
Metal Roofs			
Built-Up Roofs			
Polymer-Modified Bitumen Roofs			
Single-Ply Roofs			
SPF Roofs			
Vegetated Roofs			
DAMAGE ASSESSMENT			
Roof Inspection Procedure & Safety			
Damage Testing Methods (Field & Lab)			
Repair Vs. Replace Analysis			
Roof Area Calculations			
Hail Patterns & Thresholds of Damage 			
Simulated Wind Damage			

BUILDINGS & COMPONENTS

Low-Slope Roofing Components		
Manufactured Homes		
Roof Decking & Structure		
Exterior Walls		
Doors, Windows, & Debris Impact		
Foundations		

WEATHER & WIND

Basic Wind Characteristics			
Hail Formation & Characteristics			
Thunderstorms, Tornadoes, & Hurricanes			

SUPPORTING SCIENCE

Wind Tunnels, Tests, & Standards		
Wind Design: Exposures, Loads, & Requirements		
Methods of Wind Measurement 		



What does each course cover regarding these different roofing types?

Answer: In the HCI-Residential and HCI-Commercial courses, students learn to differentiate manufacturing issues, installation errors, and weathering anomalies from hail and wind damage. In the HCI-Wind Damage course, the primary focus of study is learning to recognize expected patterns of wind damage for each roofing type.

How can understanding hail thresholds help me in the field?

Answer: Knowing expected hail patterns, as well as what sizes of hail can be expected to affect different types of roofing, is crucial to differentiating functional hail damage from cosmetic and simulated issues. Haag Engineers have established a position regarding the hail impact resistance of different types of roofing, and they want to share it with you. It is based on years of hailfall research, tens of thousands of roof inspections for hail damage, and different types of laboratory testing.

laboratory testing.

How can knowledge about methods of wind measurement support your career?

Answer: Advanced knowledge of these methods (including correction factors, exposure classifications, and the limitations of different types of measuring equipment) prepares you to respond with discernment following a reported wind event. Wind is a powerful but delicate force: not only does it affect everything in its path, but it is also affected by everything in its path. This has important implications for damage assessment. Understanding such complexities can give you the edge when responding to other industry professionals who are making assertions about a given wind event. Let us give you that edge!

Haag Services

Forensic Engineering
(<https://haagengineering.com>).

Construction Consulting
(<https://haagconstructionconsulting.com>).

GIS, BIM, 3D Technologies
(<https://haagtechnicalservices.com>).

Product & Material Testing
(<https://haagresearchtesting.com>).

Fire Origin & Cause (<https://haagfirensics.com>) HCI Marketing Kit (/s/marketing-kit).

About Haag (<https://haagglobal.com/about-haag>).

Careers (<https://haagglobal.com/careers-at-haag/>).

Quick Links

2024 Haag Education Catalog (/s/2024-education-brochure).

CUSTOMER SERVICE & SHIPPING
(/s/customer-service-shipping).

Haag Certified Inspector Policies (/s/hci-policies).

Haag Certified Inspector Logos (/s/haag-certified-inspector-logos).

Covid Information (/s/covid-policy).

Ask An Engineer (/s/ask-an-engineer).

Industry Links (/s/industry-links).

Staff & Instructors
(<https://haagglobal.com/staff>).

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LOCATIONS (<https://haagglobal.com/locations>).

PRIVACY POLICY (<https://haagglobal.com/privacy-policy>).

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