



CFSEI
COLD-FORMED STEEL
ENGINEERS INSTITUTE

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**CFSEI TO HOST WEBINAR ON “COLD-FORMED STEEL FRAMING ATTACHMENT
TO CONCRETE IN SEISMIC ZONES” ON JUNE 11, 2020**

Washington, DC – The Cold-Formed Steel Engineers Institute (CFSEI) will host a webinar on “Cold-Formed Steel Framing Attachment to Concrete in Seismic Zones” on Thursday, June 11, 2020 from 3:00 p.m. to 4:30 p.m. EDT. The webinar is designed for architects, engineers, building officials and contractors. Participants are eligible for 1.5 PDHs.

For decades, power-actuated fasteners (PAFs) have been used in the construction industry as a safe, reliable and productive method to fasten various building components – such as cold-formed steel (CFS) – to steel and concrete. Code provisions for the use of PAFs in seismic areas for attachments of cold-formed metal framing to concrete have been subject to various interpretations. This presentation will clarify the intent of the language in AISI S100-16, *North American Specification for the Design of Cold-Formed Steel Structural Members, 2016 Edition* and Chapter 13 of ASCE/SEI 7-16, *Minimum Design Loads and Associated Criteria for Buildings and Other Structures* as it relates to PAFs used to attach track to concrete in Seismic Design Categories (SDC) A-C and E-F.

It will also provide practical guidance regarding which design values should be used and where those values can be obtained. Additional practical recommendations will be provided regarding the specification of various types of PAFs and their embedment depths into the concrete.

The webinar will be conducted by Christopher Gill, Technical Services Manager for Direct Fastening at Hilti in Plano, Texas. He is responsible for the department which performs product

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testing, generates technical data, publishes technical documents, and obtains approvals and listings for power-actuated and screw-fastening products. Gill is a member of the American Iron and Steel Institute (AISI) Committee on Specifications and a voting member of its subcommittees responsible for connections and joints, and diaphragm design. He recently participated in the 2020 NEHRP Provisions Update Committee, Issue Team 9, which addressed alternate provisions for seismic diaphragm design, and recommended new provisions for incorporation into ASCE/SEI 7-16. He has also contributed to the soon-to-be published ASCE/SEI Design Guide "Cold-Formed Steel Connections to Other Materials." He has worked in the fastening and anchoring industry for 33 years.

More information on the webinar and registration is available at

<https://www.cfsei.org/webinar-on-cfs-framing-attachment-to-concrete-in-seismic-zones>.

The Cold-Formed Steel Engineers Institute comprises hundreds of structural engineers and other design professionals who are finding a better way to produce safe and efficient designs for commercial and residential structures with cold-formed steel. CFSEI members work together to develop and evolve industry standards and design methods, produce and issue technical bulletins, and provide seminars and online training to improve the knowledge and skills base of engineers and design professionals. For more information, visit <https://www.cfsei.org/>.

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