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AISI RELEASES COLD-FORMED STEEL SHEAR WALL DESIGN GUIDE, 2019 EDITION

WASHINGTON, D.C. – The American Iron and Steel Institute (AISI) has released *Cold-Formed Steel Shear Wall Design Guide, 2019 Edition* (AISI D113-19), which provides discussion and design examples of steel sheet and wood structural panel sheathed, cold-formed steel framed shear wall assemblies used to resist wind and seismic forces. The guide is available for purchase in electronic format only at the AISI Steel Store at <https://shop.steel.org/collections/frontpage/products/cold-formed-steel-shear-wall-design-guide-2019-edition-electronic-version>.

AISI D113-19 shows how to determine shear wall strength in accordance with AISI S240-15, *North American Standard for Cold-Formed Steel Structural Framing*; and AISI S400-15w/S-16, *North American Standard for Seismic Design of Cold-Formed Steel Structural Systems With Supplement 1*. Design examples illustrate how to determine the wind or seismic forces transmitted to the shear wall assembly and its components and how to calculate the shear wall assembly's available strength for five different shear wall configurations and design load scenarios. Design examples also show how to calculate shear wall component and story drift. Pertinent shear wall design example details are provided.

The guide updates and replaces the Cold-Formed Steel Engineers Institute (CFSEI) publication titled: "Cold-Formed Steel Framed Wood Panel or Steel Sheet Sheathed Shear Wall Assemblies."

AISI's codes and standards work is conducted under the Construction Market Council of the Steel Market Development Institute (SMDI), which increases and defends the use of steel by developing innovative materials, applications and value-added solutions for customers in the automotive and construction markets. SMDI

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investors include: [AK Steel Corporation](#), [Algoma](#), [ArcelorMittal](#), [Nucor Corporation](#) and [SSAB Americas](#). For more information on SMDI's Construction Market program, visit www.buildusingsteel.org. Follow SMDI Construction on Twitter [@BuildUsingSteel](#).

AISI serves as the voice of the North American steel industry in the public policy arena and advances the case for steel in the marketplace as the preferred material of choice. AISI also plays a lead role in the development and application of new steels and steelmaking technology. AISI is comprised of 19 member companies, including integrated and electric furnace steelmakers, and approximately 120 associate members who are suppliers to or customers of the steel industry. For more news about steel and its applications, view AISI's website at www.steel.org. Follow AISI on [Facebook](#) or Twitter ([@AISISSteel](#)).

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