



FOR IMMEDIATE RELEASE

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**STEEL DECK INSTITUTE PUBLISHES NEW EDITION OF
THE DIAPHRAGM DESIGN MANUAL**

Fourth Edition Complies with AISI S310-13; Webinar to be Held on Nov. 17

GLENSHAW, PA, October 13, 2015 — The Steel Deck Institute (SDI) has published a new edition of the *Diaphragm Design Manual* (DDM04), which complies with the requirements of the new AISI S310-13, *North American Standard for the Design of Profiled Steel Diaphragm Panels*. This 408-page fourth edition is larger than its predecessor and is available for purchase at SDI's website ([click here](#)). It replaces the Third Edition of the *Diaphragm Design Manual*, DDM03.

The just-published edition focuses on the design of steel deck diaphragms for roof and floor decks and is a valuable resource for structural designers. It includes information on diaphragm strength and stiffness, fasteners and connections, and warping and stiffness properties. The new edition also includes:

- 25 new and expanded design examples
- Load tables for proprietary fasteners
- Load tables for generic fasteners (a new feature)
- An expanded discussion of the interaction of wind uplift with diaphragm strength
- New diaphragm strength tables
- Updated fastener tables that include generic welds, mechanical fasteners, proprietary screws and power-actuated fasteners.

The companion publications *Roof Deck Design Manual* and *Floor Deck Design Manual* are also available for purchase at the SDI website, www.sdi.org. AISI S310-13, *North American Standard for the Design of Profiled Steel Diaphragm Panels*, is available to download at www.aisistandards.org.

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PAGE TWO/ SDI PUBLISHES FOURTH EDITION OF THE DIAPHRAGM DESIGN MANUAL

Webinar Offered on November 17, 2015 - SDI and Simpson Strong-Tie are presenting a webinar, "Diaphragm Design with Steel Deck," on November 17, 2015 at 11:00 am Eastern Time to enable participants to design steel deck diaphragms with greater efficiency, resulting in lower construction costs. A copy of the new *Diaphragm Design Manual* is included with each site registration. Participants are eligible for 2 PDHs. More information and registration details are available at www.sdi.org.

The Steel Deck Institute has provided uniform industry standards for the engineering, design, manufacture, and field usage of steel decks since 1939. The SDI is concerned with cold-formed steel products, with various configurations distinctive to individual manufacturers, used to support finished roofing materials or to serve as a permanent form and/or positive reinforcement for concrete floor slabs. Members of the Institute are manufacturers of steel floor and roof decks. Associate members are manufacturers of products that are related to the usage of steel decks. Continuing SDI functions include preparation, review, and distribution of literature, referral of inquiries to appropriate sources, coordination of research and testing, and liaison with other construction industry associations on matters of common interest. For more information, visit www.sdi.org.

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