



## AISC Specification and Manual Editions Referenced in AISC Design Guides

August 31, 2023

| DG # | Design Guide Title   | Edition | Copyright | AISC Specification Used | AISC Manual Edition Used     |
|------|--|---------|-----------|-------------------------|------------------------------|
| 1    | Base Plate and Anchor Rod Design   | 2nd     | 2006      | 2005                    | 13th Ed.                     |
| 2    | Steel and Composite Beams with Web Openings  | 1st     | 1990      | 1986 LRFD               | LRFD 1st Ed.                 |
| 3    | Serviceability Design Considerations for Steel Buildings                               | 2nd     | 2003      | 1999 LRFD               | ---                          |
| 4    | Extended End-Plate Moment Connections: Wind and Seismic Applications                   | 2nd     | 2003      | 1999 LRFD               | ASD 9th Ed./<br>LRFD 3rd Ed. |
| 5    | Low- and Medium-Rise Steel Buildings   | 1st     | 1991      | 1986 LRFD/<br>1989 ASD  | LRFD 1st Ed.                 |
| 6    | Load and Resistance Factor Design of W-Shapes Encased in Concrete                      | 1st     | 1992      | 1986 LRFD               | LRFD 1st Ed.                 |
| 7    | Industrial Building Design   | 3rd     | 2019      | 2016                    | 15th Ed.                     |
| 8    | Partially Restrained Composite Connections   | 1st     | 1996      | 1993 LRFD               | ASD 9th Ed./<br>LRFD 2nd Ed. |
| 9    | Torsional Analysis of Structural Steel Members   | 1st     | 1997      | 1993 LRFD/<br>1989 ASD  | LRFD 2nd Ed.                 |
| 10   | Erection Bracing of Low-Rise Structural Steel Buildings                                | 2nd     | 2020      | 2016                    | 15th Ed.                     |
| 11   | Vibrations of Steel-Framed Structural Systems Due to Human Activity                    | 2nd     | 2016      | ---                     | 14th Ed.                     |
| 12   | Modification of Existing Welded Steel Moment Frame Connections for Seismic Resistance  | 1st     | 1999      | 1993 LRFD               | LRFD 2nd Ed.                 |
| 13   | Stiffening of Wide-Flange Columns at Moment Connections: Wind and Seismic Applications | 1st     | 1999      | 1993 LRFD               | LRFD 2nd Ed.                 |
| 14   | Staggered Truss Framing Systems  | 1st     | 2001      | ---                     | LRFD 2nd Ed.                 |
| 15   | Rehabilitation and Retrofit  | 2nd     | 2018      | (thru) 2016             | (thru) 15th Ed.              |
| 16   | Flush and Extended Multiple-Row Moment End-Plate Connections                           | 1st     | 2002      | 1999 LRFD/<br>1989 ASD  | LRFD 2nd Ed./<br>ASD 9th Ed. |
| 17   | High Strength Bolts - A Primer for Structural Engineers                                | 1st     | 2002      | 1999 LRFD               | LRFD 3rd Ed.                 |
| 18   | Steel-Framed Open-Deck Parking Structures  | 1st     | 2003      | 1999 LRFD               | LRFD 3rd Ed.                 |
| 19   | Fire Resistance of Structural Steel Framing  | 1st     | 2003      | 1999 LRFD               | LRFD 3rd Ed.                 |
| 20   | Steel Plate Shear walls  | 1st     | 2006      | 2005                    | ---                          |
| 21   | Welded Connections - A Primer for Engineers  | 2nd     | 2017      | 2016                    | 15th Ed.                     |



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|------|---|---------|-----------|-------------------------|--------------------------|
| 22   | Facade Attachments to Steel-Framed Buildings                              | 1st     | 2008      | 2005                    | 13th Ed.                 |
| 23   | Constructability of Structural Steel Buildings                            | 1st     | 2008      | 2005                    | 13th Ed.                 |
| 24   | Hollow Structural Section Connections                                     | 1st     | 2010      | 2005                    | 13th Ed.                 |
| 25   | Frame Design Using Nonprismatic Members                                   | 2nd     | 2022      | 2016                    | ---                      |
| 26   | Design of Blast Resistant Structures                                      | 1st     | 2013      | 2010                    | 14th Ed.                 |
| 27   | Structural Stainless Steel  | 2nd     | 2022      | ANSI/AISC 370-21        | ---                      |
| 28   | Stability Design of Steel Buildings                                       | 1st     | 2013      | 2005                    | 13th Ed.                 |
| 29   | Vertical Bracing Connections - Analysis and Design                        | 1st     | 2014      | 2010                    | 14th Ed.                 |
| 30   | Sound Isolation and Noise Control in Steel Buildings                      | 1st     | 2015      | ---                     | ---                      |
| 31   | Castellated and Cellular Beam Design                                      | 1st     | 2016      | 2016                    | 14th Ed.                 |
| 32   | Modular Steel-Plate Composite Walls for Safety-Related Nuclear Facilities | 1st     | 2017      | 2010                    | ---                      |
| 33   | Curved Member Design  | 1st     | 2018      | 2016                    | 15th Ed.                 |
| 34   | Steel-Framed Stairway Design  | 1st     | 2018      | 2016                    | 15th Ed.                 |
| 35   | Steel-Framed Storm Shelters   | 1st     | 2019      | 2016                    | ---                      |
| 36   | Design Considerations for Camber  | 1st     | 2020      | 2016                    | 15th Ed.                 |
| 37   | Hybrid Steel Frames with Wood Floors                                      | 1st     | 2022      | 2016                    | 15th Ed.                 |
| 38   | SpeedCore Systems for Steel Structures                                    | 1st     | 2023      | 2022                    | 15th Ed.                 |
| 39   | End-Plate Moment Connections  | 1st     | 2023      | 2022                    | 15th Ed.                 |