

STRUCTURAL BUILDING COMPONENTS MAGAZINE

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MasterFormat™ 2004 Change Impacts Steel & Wood by SBC Staff

The 2004 edition of MasterFormat™ has some major changes. How will you be affected?

In April 2004, the Construction Specifications Institute (CSI) announced that significant changes in the MasterFormat™ section titles and numbering system were on the horizon.

MasterFormat™ can best be described as an organizational structure that classifies information by work results or construction practices. Think of it as the Dewey Decimal System for organizing construction information. Its primary uses are for organizing a project manual, referencing keynotes on drawings, and detailed cost estimating.

The complete 2004 edition is the most significant rewrite in MasterFormat's 40-year history. According to the CSI, using the 2004 edition of MasterFormat™ to develop commercial/institutional structures' construction specifications could result in an estimated five to ten percent savings in construction costs because its much expanded content fosters more accurate specifications, which can reduce costly changes or delays in projects due to incomplete, misplaced or missing information.

The most significant change likely to affect component manufacturers is moving from a five to six or eight digit numbering system (depending on their scope), divided into three or four pairs (see table below). Why add an extra number? To "allow for far greater flexibility and expandability, ensuring that numbers assigned today can remain unchanged in spite of the need for continuing updates," said former CSI Institute Director Dennis Hall.

Current Number	Current Section Title	New Number	New Section Title
05440	Cold-Formed Metal Trusses	05 44 00	Cold-Formed Metal Trusses
06170	Shop-Fabricated Structural Wood	06 17 00	Shop-Fabricated Structural Wood

Because MasterFormat™ 2004 is returning to this basic concept of classifying information by work results rather than by specific product classification, a second change entails reorganization at the division level. Despite this divisional reorganization, there have been no major changes to those divisions used most often by wood and steel component manufacturers. For instance, Division 05 still contains metals specifications (05 40 00-Cold Formed Metal Framing), while Division 06 continues to include wood components (06 17 00-Shop-Fabricated Wood Trusses), although Division 06's title has been expanded to include plastics and composites.

Training and implementation of the MasterFormat™ changes among industry professionals will be gradual. Advance orders for the 2004 are being accepted. The number and title outline is currently available for free download at www.csinet.org/masterformat/.

MasterFormat™ 2004

05 06 00 Schedules for Metals	06 06 10.13 Nailing Schedule
05 06 10 Schedules for Structural Metal Framing	06 06 10.16 Wood Beam Schedule
05 06 10.16 Steel Beam Schedule	06 06 10.19 Plywood Shear Wall Schedule
05 06 20 Schedules for Metal Joists	06 06 10.23 Plywood Web Joist Schedule
05 06 20.13 Steel Joist Schedule	06 06 10.26 Wood Truss Schedule
05 06 40 Schedules for Cold-Formed Metal Framing	06 06 20 Schedules for Finish Carpentry
05 06 50 Schedules for Metal Fabrications	06 06 70 Schedules for Structural Composites
05 12 00 Structural Steel Framing	06 06 80 Schedules for Composite Assemblies
05 12 13 Architecturally-Exposed Structural Steel Framing	
05 12 23 Structural Steel for Buildings	06 11 00 Wood Framing
05 20 00 Metal Joists	06 11 13 Engineered Wood Products
05 21 00 Steel Joist Framing	06 11 16 Mechanically Graded Lumber
05 21 13 Deep Longspan Steel Joist Framing	06 12 00 Structural Panels
05 21 16 Longspan Steel Joist Framing	06 12 13 Cementitious Reinforced Panels
05 21 19 Open Web Steel Joist Framing	06 12 16 Stressed Skin Panels
05 21 23 Steel Joist Girder Framing	06 16 00 Sheathing
05 25 00 Aluminum Joist Framing	06 16 13 Insulating Sheathing
05 40 00 Cold-Formed Metal Framing	06 16 23 Subflooring
05 41 00 Structural Metal Stud Framing	06 16 26 Underlayment
05 42 00 Cold-Formed Metal Joist Framing	06 16 29 Acoustical Underlayment
05 42 13 Cold-Formed Metal Floor Joist Framing	06 16 33 Wood Board Sheathing
05 42 23 Cold-Formed Metal Roof Joist Framing	06 16 36 Wood Panel Product Sheathing
05 43 00 Slotted Channel Framing	06 16 43 Gypsum Sheathing
05 44 00 Cold-Formed Metal Trusses	06 16 53 Moisture-Resistant Sheathing Board
	06 16 63 Cementitious Sheathing
	06 17 00 Shop-Fabricated Structural Wood
	06 17 13 Laminated Veneer Lumber

06 05 73 Wood Treatment
06 05 73.13 Fire-Retardant Wood
Treatment
06 05 73.33 Preservative Wood
Treatment
06 05 73.91 Long-Term Wood
Treatment
**06 06 00 Schedules for Wood,
Plastics, and Composites**
06 06 10 Schedules for Rough
Carpentry

06 17 23 Parallel Strand Lumber
06 17 33 Wood I-Joists
06 17 36 Metal-Web Wood Joists
06 17 43 Rim Boards
06 17 53 Shop-Fabricated Wood
Trusses
**06 18 00 Glued-Laminated
Construction**
06 18 13 Glued-Laminated Beams
06 18 16 Glued-Laminated
Columns

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