

What is *MasterFormat*?



*Building Knowledge
Improving Project Delivery*

What is *MasterFormat*?

“*MasterFormat* is a master list of numbers and subject titles classified by work results or construction practices for **organizing information** about their requirements, products and activities into a standard sequence.”



The Alternative to *MasterFormat*?

Without *MasterFormat*,
construction would
collapse under
information overload and
you wouldn't be able to
find anything!



MasterFormat Applications

- Specifications or **Project Manuals**
- Drawings (Keynotes)
- Product literature/data filing
- Facility management/maintenance documents
- Project integration and communication
- Detailed cost estimating/project accounting
- Building Information Model

How is *MasterFormat* Organized?

- *MasterFormat* is a master list of titles and numbers used to organize information by **work results**.
- “What is the function in the building or structure?”

Organizational Structure

- Groups (2)
- Subgroups (5)
- Divisions (50) numbered with titles
- Sections, numbered with titles
- SectionFormat (3 parts) (General, Products, Execution)

Groups, Subgroups, & Divisions

Procurement and Contracting Requirements Group

Procurement and Contracting

Requirements: Division 00

Specifications Group

General Requirements Subgroup: Division 01

Facility Construction Subgroup: Divisions 02 - 19

Facility Services Subgroup: Divisions 20 - 29

Site and Infrastructure Subgroup: Divisions 30 - 39

Process Equipment Subgroup: Divisions 40 - 49

***MasterFormat 2012* Structure**

Procurement and Contracting

Requirements Group:

Division 00:

- Introductory Information

- Procurement Requirements

- Contracting Requirements

Specifications Group:

General Requirements Subgroup:

Division 0:

- General Requirements

MasterFormat 2012 Structure

Facility Construction Subgroup:

02 Existing Conditions

03 Concrete

04 Masonry

05 Metals

06 Wood, Plastics, and Composites

07 Thermal and Moisture Protection

08 Openings

09 Finishes

10 Specialties

11 Equipment

12 Furnishings

13 Special Construction

14 Conveying Equipment

15-19 Reserved

MasterFormat 2012 Structure

Facility Services Subgroup:

20 Reserved

21 Fire Suppression

22 Plumbing

23 Heating, Ventilating, and Air Conditioning (HVAC)

24 Reserved

25 Integrated Automation

26 Electrical

27 Communications

28 Electronic Safety and Security

29 Reserved

MasterFormat 2012 Structure

Site and Infrastructure Subgroup:

30 Reserved

31 Earthwork

32 Exterior Improvements

33 Utilities

34 Transportation

35 Waterway and Marine Construction

36-39 Reserved

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Process Equipment Subgroup:

40 Process Integration

41 Material Processing and Handling Equipment

42 Process Heating, Cooling, and Drying Equipment

43 Process Gas and Liquid Handling, Purification, and Storage Equipment

44 Pollution and Waste Control Equipment

45 Industry-Specific Manufacturing Equipment

46 Water and Wastewater Equipment

47 Reserved

48 Electrical Power Generation

49 Reserved

Sections

- Sections are within Divisions
- Section numbers are generally 6 digits.
- Additional digits are available for very specific or user defined topics.
- Consider as 3 pairs (plus additional pairs when required).

2011 to 2012 *MasterFormat* Changes

2011 Edition <i>MasterFormat</i>		
2011 SECTION	2011 TITLE	2011 LEVEL
00 45 26	Worker's Compensation Certificate Schedule	3
06 46 29	Wood Fasciae and Soffits	3
07 71 19	Manufactured Gravel Stops and Fascias	3
11 61 00	Theater and Stage Equipment	2
12 93 23	Trash and Litter Receptors	3
23 83 26	Gas-Fired Radiant Heaters	3
26 43 13	Transient-Voltage Suppression for Low-Voltage Electrical Power Circuits	3
27 60 00	Wireless Transceivers	2

2012 Edition <i>MasterFormat</i>		
2012 SECTION	2012 TITLE	2012 LEVEL
00 45 26	Workers Compensation Certificate Schedule	3
06 46 29	Wood Fasciae and Soffits	3
07 71 19	Manufactured Gravel Stops and Fasciae	3
11 61 00	Broadcast, Theater, and Stage Equipment	2
12 93 23	Trash and Litter Receptacles	3
23 55 23	Gas-Fired Radiant Heaters	3
26 43 13	Surge Protective Devices for Low-Voltage Electrical Power Circuits	3
27 32 16	Wireless Transceivers	3

2011 to 2012 *MasterFormat* Changes

2011 Edition <i>MasterFormat</i>		
2011 SECTION	2011 TITLE	2011 LEVEL
33 36 33	Utility Drainage Field	3
33 47 23	Sanitary Sewerage Lagoons	3
34 77 13	Passenger Loading Bridges	3
34 77 13.13	Fixed Aircraft Passenger Loading Bridges	4
34 77 13.16	Movable Aircraft Passenger Loading Bridges	4
34 77 13.23	Ship Passenger Loading Bridges	4
34 77 16	Baggage Handling Equipment	3
34 77 16.13	Baggage Scanning Equipment	4
34 77 16.16	Baggage Scales	3
34 77 16.19	Baggage Conveying Equipment	3
48 15 13	Windmills	3

2012 Edition <i>MasterFormat</i>		
2012 SECTION	2012 TITLE	2012 LEVEL
33 36 33	Utility Septic Tank Drainage Field	3
33 38 00	Treatment Lagoons	2
34 77 13	Passenger Boarding Bridges	3
34 77 13.13	Fixed Aircraft Passenger Boarding Bridges	4
34 77 13.16	Movable Aircraft Passenger Boarding Bridges	4
34 77 13.23	Ship Passenger Boarding Bridges	4
34 77 00	Transportation Equipment	2
34 77 33	Baggage Scanning Equipment	3
34 77 36	Baggage Scales	3
34 77 39	Baggage Conveying Equipment	3
48 15 13	Wind Turbines	3



MasterFormat®

Master List of Numbers and Titles
for the Construction Industry

[Learn more >>](#)

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Transition Guide

Still working with MasterFormat 95 numbers? Plug in your numbers to exchange them for numbers from the most current edition. Review numbering changes to the new edition.

Purchase MasterFormat

Buy a copy of the MasterFormat 2012 publication. Canadian customers may purchase from the Construction Specifications Canada.

MasterFormat '95 Support Ended

MasterFormat editions issued after 2004 are the only versions licensed and supported by CSILearn more.

Propose Revisions

Submit a proposal for your own revisions, or check in for real-time updates to MasterFormat in a chronological revisions report.



As of November 1, 2010, MasterFormat.com is only accessible to those that have purchased MasterFormat in the past 2 years or who are members of CSI and/or CSC.

Please log in.

Enter your username and password. If you do not yet have a MasterFormat.com account, please register. You may also purchase a printed copy of MasterFormat.

Returning CSI users: You will need to register on masterformat.com before using the site. Please use your existing CSINet site credentials (**case-sensitive!**) when registering for the first time or logging in.

Only users who have purchased MasterFormat or are members of CSI or CSC will be granted access to the Numbers and Titles and Intro & Guides portions of the site. If you do not currently have access you can do one of the following to gain access:

- Purchase the latest MasterFormat edition to gain access for two years
- Renew your membership in CSI or CSC
- Become a CSI member or CSC member

If you have any questions, please contact masterformat@csinet.org

[Register](#) | [Lost password](#)

Username

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Login >>

Remember my login on this computer

MasterFormat Divisions

Search for:

Search descriptions and references

Search

- 00 00 00 Procurement and Contracting Requirements
- 01 00 00 General Requirements
- 02 00 00 Existing Conditions
- 03 00 00 Concrete
- 04 00 00 Masonry
- 05 00 00 Metals
- 06 00 00 Wood, Plastics, and Composites
- 07 00 00 Thermal and Moisture Protection
- 08 00 00 Openings
- 09 00 00 Finishes
- 10 00 00 Specialties
- 11 00 00 Equipment
- 12 00 00 Furnishings
- 13 00 00 Special Construction
- 14 00 00 Conveying Equipment
- 21 00 00 Fire Suppression
- 22 00 00 Plumbing
- 23 00 00 Heating, Ventilating, and Air Conditioning (HVAC)
- 25 00 00 Integrated Automation
- 26 00 00 Electrical
- 27 00 00 Communications
- 28 00 00 Electronic Safety and Security
- 31 00 00 Earthwork
- 32 00 00 Exterior Improvements
- 33 00 00 Utilities

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Browse Search

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- 13 00 00 Special Construction
- 14 00 00 Conveying Equipment
- 21 00 00 Fire Suppression
- 22 00 00 Plumbing
- 23 00 00 Heating, Ventilating, and Air Conditioning (HVAC)

Divisions >

07 00 00 Thermal and Moisture Protection

- 07 01 00 Operation and Maintenance of Thermal and Moisture Protection
- 07 05 00 Common Work Results for Thermal and Moisture Protection
- 07 06 00 Schedules for Thermal and Moisture Protection
- 07 08 00 Commissioning of Thermal and Moisture Protection
- 07 10 00 Dampproofing and Waterproofing
- 07 20 00 Thermal Protection
- 07 25 00 Weather Barriers
- 07 30 00 Steep Slope Roofing
- 07 40 00 Roofing and Siding Panels
- 07 50 00 Membrane Roofing
- 07 60 00 Flashing and Sheet Metal
- 07 70 00 Roof and Wall Specialties and Accessories
- 07 80 00 Fire and Smoke Protection
- 07 90 00 Joint Protection

[Propose a Revision](#)

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 - 07 05 00 Common Work Results for Thermal and Moisture Protection
 - 07 06 00 Schedules for Thermal and Moisture Protection
 - 07 08 00 Commissioning of Thermal and Moisture Protection

Divisions > 07 00 00 Thermal and Moisture Protection >
07 40 00 Roofing and Siding Panels

Includes siding, wall panels, and roof panels, with or without integral interior panels or insulation. fabricated panel assemblies which may include framing, sheathing, insulation, substrates, interior finish, and exterior finish.

May Include roof and wall panels that are used with a fabricated engineered structure.

Notes See: 03 40 00 for precast concrete panels. 04 25 00 for fabricated masonry panels. 07 21 00 for wall insulation. 08 44 00 for glazed curtain wall spandrel and infill panels. 08 90 00 for louvers and vents. 09 21 16 for gypsum board assemblies. See Also: 13 34 00 for roof and wall panels that are part of a fabricated engineered structure.

- 07 41 00 Roof Panels
- 07 42 00 Wall Panels
- 07 44 00 Faced Panels
- 07 46 00 Siding

Propose a Revision

- Revise 07 40 00
- Add new number within 07 40 00

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Browse Search

Divisions > 07 00 00 Thermal and Moisture Protection > 07 40 00 Roofing and Siding Panels >

07 42 00 Wall Panels



Includes manufactured wall panels and fabricated panel assemblies. fabricated wall panel assemblies including other components such as structural framing, insulation, flashing, and interior finish.

Notes See: 04 25 00 for fabricated masonry panels. 07 24 00 for exterior insulation and finish systems.

- 07 42 13 Metal Wall Panels
- 07 42 23 Wood Wall Panels
- 07 42 29 Terracotta Wall Panels
- 07 42 33 Plastic Wall Panels
- 07 42 43 Composite Wall Panels
- 07 42 63 Fabricated Wall Panel Assemblies
- 07 42 93 Soffit Panels



[Propose a Revision](#)



[Revise 07 42 00](#)



[Add new number within 07 42 00](#)

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Transition Guide

With the publication of the 2004 edition, the MasterFormat numbers and titles were revised to allow them to more adequately cover construction industry subject matter and to allow seamless addition of new subjects. The titles that make up MasterFormat were also revised, reflecting the new edition's renewed focus on work results. As a part of this process, the numbering system was wholly revised, meaning that all section numbers and many section titles have changed from the 1995 edition.

The five-digit numbers used in the 1995 edition were expanded to allow room for more subjects at each level of classification. The old numbers were limited at levels 2 through 4 to only nine subdivisions. Because of this limited number of available spaces at each level, many Divisions of MasterFormat simply ran out of room to properly address topics. This lack of room often resulted in inconsistent classification, such as the inclusion of Cathodic Protection, Lightning Protection, Fire Suppression, Detection and Alarm, and Solar and Wind Energy Equipment in Division 13, rather than more appropriate Divisions such as 15 or 16, simply because there was no room.

These limitations were solved by making MasterFormat numbers six digits in length, and arranging the digits into three sets of paired numbers, one pair per level. These pairs of numbers allow for many more subdivisions at each level. Meanwhile, the main six-digit number still represents three levels of subordination, as the numbers in previous editions of MasterFormat have done.

How do I make the transition?

For users of previous editions of MasterFormat, making the transition to the MasterFormat 2004 edition can seem a daunting task, but like most challenges, it becomes easier when you break it down into smaller steps.



Convert My Number

Enter a MasterFormat 95 number and we'll convert it to a current MasterFormat number.

Conversions for 09910

09910 Painting »

09 91 00 Painting

09911 Exterior Painting »

09 91 13 Exterior Painting

09912 Interior Painting »

09 91 23 Interior Painting

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MasterFormat 2012

- Application Guide
- Key Word Index
- Transition Matrix
 - 1995-2012
 - 2011-2012



Training

- Programs provided by CSI and in collaboration with other organizations.
- Customized in-house training programs and implementation assistance.
- Web-based information and training, including continuing FAQ on CSInet.org.