

The Construction Specifications Institute MASTERFORMAT 2004 EDITION

The Construction Specifications Institute (CSI) is responsible for the development of Master Spec. While many mechanical engineering firms are using the Masterformat 1995 edition, there has been growing acceptance of Masterformat 2004. Federally funded projects require the use of the 2004 edition. There are significant differences in the Division Numbers and Titles between the 1995 and 2004 editions.

The 1995 edition was very flexible. While mechanical insulation was found in Division 15, mechanical engineering firms would use their own numbering system within the division. The most common numbering systems were:

Pipe Insulation: section 15083 or 15260

Duct Insulation: section 15081 or sections 15270 (external) and 15280 (internal)

Equipment Insulation: section 15082 or 15290

As an alternative to the above, some firms combined their entire mechanical insulation spec into section 15800.

The 2004 edition places mechanical insulation in Division 22 Plumbing and Division 23 HVAC. These new divisions break down to the following:

Division 22 Plumbing

Section 220529 Hangers and Supports

Section 220700 Plumbing Insulation

Section 220716 Plumbing Equipment Insulation

Section 220719 Plumbing Piping Insulation

Division 23 HVAC

Section 230700 HVAC Insulation

Section 230713 Duct Insulation

Section 230716 HVAC Equipment Insulation

Section 230719 HVAC Piping Insulation

The standardization that these changes bring will make it easier to find information on mechanical insulation requirements. It is anticipated that there will be a significant overlap period when both editions are in use.