

Purpose of a Supplemental Update

This Supplemental Update contains amendments to MMCD documents to correct errors and omissions that have been brought to the attention of the MMCD Association. The amendments have been prepared by the MMCD Association in the same manner and in the same spirit as the other MMCD documents, and the amendments are subject to the general disclaimer that applies to all MMCD documents.

Incorporation of an Amendment that is in a Supplemental Update

Before any amendment in a Supplemental Update will be included in a Tender or a Contract Document, it must be explicitly incorporated by express reference in Schedule 1 - Schedule of Contract Documents to the Form of Agreement.

When properly incorporated by reference each incorporated amendment is deemed to form part of the Contract Documents as a Supplementary General Condition, Supplementary Specification or Supplementary Detail Drawing, as appropriate.

Users can elect to adopt all, some or none of the amendments in any Supplemental Update. An entire Supplemental Update can be incorporated by referencing, for example: "MMCD Supplemental Update 2012-05-30". An individual amendment within a Supplemental Update can be incorporated by referencing its unique identification number, for example: "GC 13.9.1(1)S - 2012-001 (2012-05-30)".

Supplemental Update No.:	General Conditions – 1.21 – 2014-01 (2014-02-28)		
Affected Document(s):	Volume II	Change Type:	Revision
Section:	General Conditions	Reference:	1.21.1
Change Summary:	Revision		
Currently:	<p>“Contract Administrator” means the person, firm or corporation appointed by the <i>Owner</i> and identified by the <i>Owner</i> in writing to the <i>Contractor</i>. The <i>Contract Administrator</i> may be the <i>Owner’s</i> Engineer, other employee or officer, or may be an outside consultant.</p>		
Should Be:	<p>“Contract Administrator” means the person appointed by the <i>Owner</i> and identified by the <i>Owner</i> in writing to the <i>Contractor</i>. The <i>Contract Administrator</i> may be an officer of the Owner, a direct employee of the Owner, an officer or employee of the consultant who designed the Work for the Owner, or an independent consultant.</p>		

Supplemental Update No.:	General Conditions – Phrase 6.3.2 – 2014-02 (2014-02-28)		
Affected Document(s):	User Guide	Change Type:	Omission
Section:	General Conditions	Reference:	Paragraph 6.3.2
Change Summary:	Omission		
Currently:	<p>If an item listed on the Schedule of Quantities and Prices turns out to be unnecessary, it can be deleted from the Work under GC 7.1.1 (b) by the Owner. If the phase of work which contained that item is completed without it being required, the Contractor may request a Quantity Variation review. Where there are no offsetting quantity increases, this is just a special case of a quantity variation down to zero. The same formula applies as for any other under-run. In either case, the Contractor will be entitled to a Quantity Variation adjustment under GC 9.4.3 (a) since zero is always below the Variance Threshold Percentage.</p> <p>Example: If a line item in the Schedule of Quantities and Prices worth \$100,000 is deleted and the Contractor can show there was 20% of overheads and mark up included, then using a Variance Threshold Percentage of 15% the Contractor is entitled to receive 20% of 85% of \$100,000 = \$17,000</p>		
Should Be:	<p>If an item listed on the Schedule of Quantities and Prices turns out to be unnecessary, it can be deleted from the Work under GC 7.1.1 (b) by the Owner. If the phase of work which contained that item is completed without it being required, the Contractor may request a</p>		

	<p>Quantity Variation review. This is just a special case of a quantity variation down to zero. The same formula applies as for any other under-run. In either case, the Contractor will be entitled to a Quantity Variation adjustment under GC 9.4.3 (a) since zero is always below the Variance Threshold Percentage.</p> <p>Example: If a line item in the Schedule of Quantities and Prices worth \$100,000 is deleted and the Contractor can show there was 20% of overheads and mark up included, then using a Variance Threshold Percentage of 15% the Contractor is entitled to receive 20% of 85% of \$100,000 = \$17,000</p>
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Supplemental Update No.:	General Conditions – 6.3.4 – 2014-03 (2014-02-28)		
Affected Document(s):	User Guide	Change Type:	Omission
Section:	General Conditions	Reference:	6.3.4
Change Summary:	Omission		
Currently:	Where Owners have deleted some items and added others, GC 9.4.7 provides formulae which, in some cases, allow some cancellation or offset before the calculation is done. See examples following.		
Should Be:	Phrase should be <u>deleted completely</u>		

Supplemental Update No.:	Specifications – 33 11 01 – 2014-04 (2014-02-28)		
Affected Document(s):	Volume II	Change Type:	Addition
Section:	Specifications	Reference:	33 11 01 2.2.7
Change Summary:	Addition		
Currently:	New Sections – Not currently included in Platinum Edition Volume II		
Should Be:	<p style="text-align: center;">Oriented Polyvinyl Chloride (PVCO) Pressure Pipe:</p> <p style="text-align: center;">.1 Pipe:</p> <p style="text-align: center;">.1 Pipe to be manufactured to specifications for pipe size ranges as follows:</p> <p style="text-align: center;">Pipes 100 to 600mm dia. - AWWA C909</p> <p style="text-align: center;">Pipes to be certified by Canadian Standards Association for pipe size ranges 100mm to 600mm dia. - CSA -B137.3.1</p> <p style="text-align: center;">.2 Cast iron pipe equivalent outside diameter.</p> <p style="text-align: center;">.3 To be compatible with specified mechanical joint and push-on joint fittings and valves without use of special adapters.</p>		

	.2 Joints: Push-on integrally thickened bell and spigot type to ASTM D 3139 with single elastomeric gasket to ASTM F477.
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Supplemental Update No.:	Specifications – 33 11 01 – 2014-05 (2014-02-17)		
Affected Document(s):	Volume II	Change Type:	Modification and Additions
Section:	General Conditions	Reference:	33 11 01 2.2.4.13
Change Summary:	Modified in yellow highlighting and additions added under .12 and .13		
Currently:	<p>.1 Joint Restraint Devices: General Requirements:</p> <p>.1 Ductile iron castings to ASTM A536.</p> <p>.2 Anti-corrosion coating of ductile iron castings to AWWA C219, AWWA C210, C213 or C550 as specified in Contract Documents.</p> <p>.3 Bolts and nuts high strength low alloy steel to AWWA C111 or as specified in Contract Documents, stainless steel to ASTM F593 or ASTM F738 for bolts and ASTM F594 or ASTM F836 for heavy hex nuts. Rolled threads, fit and dimensions to AWWA C111.</p> <p>.4 Tie rods to 2.2.3.8 of this Section.</p> <p>.5 Restrainers for ductile iron pipe with mechanical joint fittings as specified in Contract Documents.</p> <p>.6 Restrainers for PVC pipe to 2.2.2 of this Section with mechanical joint fittings as specified in Contract Documents</p> <p>.7 Restrainers for ductile iron pipe with push-on joint fittings with tie rod lugs as specified in Contract Documents.</p> <p>.8 Restrainers for PVC to 2.2.2 of this Section with push-on joint fittings with tie rod lugs as specified in Contract Documents.</p> <p>.9 Restrained harnesses or integral restraint systems manufactured as part of the pipe joint as specified in Contract Documents.</p> <p>.10 Restrainers for bell joints in PVC pipe to 2.2.2 of this Section.</p> <p>.11 All joint restraint systems for PVC forcemain be approved by the PVC pipe manufacturer they are to be used on, and that they do not derate the pipe manufacturer's recommended working pressures.</p>		
Should Be:	.2 Joint Restraint Devices: General Requirements:		

	<p>.1 Ductile iron castings to ASTM A536.</p> <p>.2 Anti-corrosion coating of ductile iron castings to AWWA C219, AWWA C210, C213 or C550.</p> <p>.3 Bolts and nuts high strength low alloy steel to AWWA C111 or as specified in Contract Documents, stainless steel to ASTM F593 or F738 for bolts and ASTM F594 or F836 for heavy hex nuts. Rolled threads, fit and dimensions to AWWA C111.</p> <p>.4 Tie rods to 2.2.3.8 of this Section.</p> <p>.5 Restrainers for ductile iron pipe shall be mechanical joint fittings or push-on joint fittings with tie rod.</p> <p>.6 Restrainers for PVC pipe shall be mechanical joint fittings or push-on joint fittings with tie rod lugs.</p> <p>.7 Removed</p> <p>.8 Removed</p> <p>.9 Restrained harnesses or integral restraint systems manufactured as part of the pipe joint</p> <p>.10 Removed</p> <p>.11 All joint restraint systems for PVC pipe be approved by the specific PVC pipe manufacturer and that they do not derate the pipe manufacturer's recommended working pressures.</p> <p>.12 Restrainers for PVCO pipe shall be mechanical joint fittings or push-on joint fittings with tie rod lugs.</p> <p>.13 All joint restraint systems for PVCO pipe be approved by the specific PVCO pipe manufacturer, and that they do not derate the pipe manufacturer's recommended working pressures.</p>
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Supplemental Update No.:	General Conditions – 4.11.2 – 2014-06 (2014-02-28)		
Affected Document(s):	Volume II	Change Type:	Revision
Section:	General Conditions	Reference:	4.11.2
Change Summary:	Revision		
Currently:	The Contractor shall employ only the Subcontractors listed in Appendix 5 of the Form of Tender, or others as approved in writing by the Contract Administrator, and shall not change or employ additional Subcontractors without the approval of the Contract		

	Administrator , which approval shall not be unreasonably withheld.
Should Be:	The Contractor shall employ only the <i>Subcontractors</i> listed in Appendix 5 of the Form of Tender, or others as approved in writing by the Owner , and shall not change or employ additional <i>Subcontractors</i> without the approval of the Owner , which approval shall not be unreasonably withheld.

Supplemental Update No.:	General Conditions – 33 44 01 – 2014-07 (2014-02-28)		
Affected Document(s):	Volume II	Change Type:	Revision
Section:	General Conditions	Reference:	1.4.1
Change Summary:	Addition		
Currently:	Products having CSA certification to be used where readily available. Product to be to CSA standard(s) by an approved independent third party certification body accredited by the Standards Council of Canada and that is acceptable to the Contract Administrator. Products to be marked with certification body logo and CSA standard markings.		
Should Be:	Products manufactured to ASTM Standards shall be marked with the applicable specification number. Compliance test results shall be provided at the request of the Contract Administrator.		

Supplemental Update No.:	General Conditions – 33 44 01 – 2014-08 (2014-02-28)		
Affected Document(s):	Volume II	Change Type:	Revisions and Addition
Section:	General Conditions	Reference:	1.5.2.1-1.5.2.3
Change Summary:	Revisions and Addition		
Currently:	.2 Payment for manhole riser sections will be for risers of standard or non-standard heights required to complete manhole from specified invert to finishing level. Payment includes all risers and necessary work for installing risers as shown on e Standard Detail Drawings. Measurement will be made vertically for the length of risers required from the top of the manhole base or tee section to reach the underside of concrete lid or slab.		
Should Be:	.2 Payment for manhole riser sections will be for risers of standard or non-standard heights required to complete manhole from specified invert to finishing level. Payment includes all manhole risers and necessary work as shown on the Standard Detail Drawings. 2.1 For sump manhole, measurement will be made vertically for the		

	<p>length of risers required from the surface of base slab of the sump to the underside of the manhole lid.</p> <p>2.2 For benched manhole, measurement will be made vertically for the length of risers required from the lowest invert to the underside of the manhole lid.</p> <p>2.3 For precast manhole tee or riser built over existing mainline pipe, measurement will be made vertically from the crown of the mainline pipe at the downstream end to the underside of the lid.</p>
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Supplemental Update No.:	General Conditions – 33 44 01 – 2014-09 (2014-02-28)		
Affected Document(s):	Volume II	Change Type:	Addition
Section:	General Conditions	Reference:	1.5.6
Change Summary:	Addition		
Currently:	.6 Payment for constructing additional manholes onto existing sewer system will be made under appropriate items in this Section including all excavation, dewatering, breaking into existing system, disposal of surplus excavated material, supply of all components, cast-in-place concrete, pipe, fittings and related materials, bedding, imported or native backfill as shown on Contract Drawings, cleaning, testing where applicable, surface restoration and all other work and materials necessary to complete the installation.		
Should Be:	.6 Payment for constructing additional manholes onto existing sewer mainline will be made under appropriate items in this Section including all excavation, dewatering, breaking into existing system, disposal of surplus excavated material, supply of all components, cast-in-place concrete, pipe, fittings and related materials, bedding, imported or native backfill as shown on Contract Drawings, cleaning, testing where applicable, surface restoration and all other work and materials necessary to complete the installation.		