

EXPECTED IMPLEMENTATION JULY 2022

923 WATER FOR CONCRETE. (REV 10-23-21) (FA 12-27-21) (7-22)

ARTICLE 923-3 is deleted and the following substituted:

923-3 Chemical Requirements.

923-3.1 Testing: All chemical analysis shall be performed in accordance with the test methods listed in Tables 923-1 and 923-2 or equivalent Standard Methods for the Examination of Water and Wastewater (SM). Inorganic Anions (Chlorides and Sulfates) shall be determined simultaneously using SM 4110B Ion Chromatography or separately using SM 4500 Cl⁻ B and SM 4500 SO₄²⁻ E. ASTM D516 may be used as an alternative method for sulfates. The test method used shall be included in the concrete producer report.

923-3.2 Recycled and Reclaimed Water: Recycled and reclaimed water shall be tested before use and shall not exceed the limits in Table 923-1:

Table 923-1		
Chemical Test	Test Method	Maximum (%)
Total Solids	SM 2540 B	5.00
Total Chlorides as Cl ⁻	SM 4500 Cl ⁻ B or SM 4110 B	0.05
Total Sulfates as SO ₄ ²⁻	ASTM D516	0.30

923-3.3 Open Bodies of Water and Well Water: Open bodies of water and well water shall be tested before use and shall not exceed the limits of Table 923-2:

Table 923-2		
Chemical Test	Test Method	Maximum (%)
Alkalinity Calculated in terms of Calcium Carbonate	SM 2320 B	0.05
Total Organic Solids	SM 2540 E	0.05
Total Inorganic Solids	SM 2540 E	0.08
Total Chlorides as Cl ⁻	SM 4500 Cl ⁻ B or SM 4110 B	0.05