

METHOD OF TEST FOR ORGANIC IMPURITIES IN CONCRETE SANDS

1. SCOPE

1.1 This method covers an approximate determination of the presence of possible injurious organic compounds in natural sands, which are to be used in cement mortar or concrete. The principal value of the test is to furnish a warning that further tests of the sands are necessary before they are approved for use.

2. RELEVANT DOCUMENTS

- 2.1 ASTM C40, Standard Test Method for Organic Impurities in Fine Aggregates for Concrete
- 2.2 ASTM D1544, Standard Test Method for Color of Transparent Liquids (Gardner Color Scale)
- 2.3 AASHTO T 21
- 2.4 CSA-A23.2-7A

3. PROCEDURE

3.1 Procedures of ASTM C40 shall be followed, except as noted below, for the approximate determination of the presence of possible injurious organic compounds in natural sands which are to be used in cement mortar or concrete.

4. REPORT

The report shall include the following:

- 4.1 The colour value of the test sample (see Figure 1)



ORGANIC IMPURITIES
 FINE AGGREGATE

LAB. No.	COLOUR				
	1	2	3	4	5

OPERATOR _____
 DATE _____

PH-CC-337 93-09

Figure 1 Organic Impurities – Fine Aggregate Data Card