

	Alkali reactivity	ASTM C-33	1/6 Months
G.	Water:		
	Chemical analysis for		
	Sulphates & Chlorides	ASTM D-512, 516	1/6 Months
H.	Cement:		
	Chemical & Physical analysis	ASTM C-150	1/6 Months + Mill certificate,
I.	Steel:		
	Mill Certificate	ASTM A-615	PER BATCH.

13.3.18 Surface Coating

- A. Coating for concrete shall comply with the requirements of Section 09900.
- B. The Contractor shall, as directed by the Engineer apply the coating on the existing and/or the repaired concrete surface only after the repair works of the deteriorated/defective concrete are completed, as specified and as may be directed by the Engineer.

13.3.19 Repair of Settled Elements

- A. The main works will include:
 - 1. Removal of the settled area / element (concrete, tiles, etc.).
 - 2. Removal of the loose/unsuitable existing soil materials.
 - 3. Filling / compacting beneath the concerned area with appropriate materials to the approval of the Engineer.
 - 4. Building a 10cm thick lean concrete below the base of the element as may be deemed necessary by the Engineer.
 - 5. Construction of a similar element, as originally existing and in accordance with the general specifications.
 - 6. Carrying out any other required treatments and as may be directed by the Engineer (joints, surface coatings...)
- B. The Contractor is deemed to have satisfied himself with the principle of these repair works and shall take all the necessary precautions and necessary works at his cost including soil testing, soil replacement by a good quality fill materials etc., to ensure the success of the repair works aiming at cancelling and remedying to the settlement occurring in these elements.
- C. The connection joints between element and nearby construction, if existing, shall be filled with a suitable joint material to the approval of the Engineer.