c. Measuring the sulphate content (as SO_3) of an increment or increments of collected dust samples, as required by the Engineer, in accordance with the relevant British Standard.

d. Half Cell Potential survey to be done over one m^2 at the locations defined by the Engineer, including concrete cover thickness at break out connection.

e. Cover meter to be used at random as required by the Engineer.

f. Measuring the carbonation depth at random at the same holes done for the tests here above as required by the Engineer.

2. As may be required by the Engineer, Drilling and collecting concrete cores and determination of concrete compressive strength, cement content, and density by testing including visual examination and photographs, in accordance with relevant British Standard.

3. Sampling and Testing shall be carried out according to Internationally recognized Standards, for example, the following Standards are applicable:

Compressive Strength Test of Drilled Concrete Core:	BS 1881: Part 120: 1983
Concrete Dust Sampling:	BS 1881: Part 124: 1988
Determination of Chloride Content:	BS 1881: Part 124: Clause 10.2: 1988
Determination of Sulphate Content	BS1881: Part 124: Clause 10.3: 1988
Half Cell Potential Test	ASTM C 876
Depth of Carbonation	BRE IP6: 81

In general, British, American or DIN Standards are applicable.

F. When required by the Engineer to determine the areas of contamination / defective concrete, the Engineer shall select the location of the tests for each step of the works. For each concerned structure, the Contractor shall give the Engineer a minimum notice of seven days in advance in order to select the tests and sampling locations.

G. The Engineer shall have the right to increase or decrease the type and / or the frequency of tests as described here above, as deemed necessary by him for the good achievement and completion of the works.

H. The Contractor shall only commence the rehabilitation works on a structural element only after receiving the approval of the Engineer.