After carrying out his detailed Inspection on a certain area, the Contractor shall submit to the Engineer, the corresponding report and drawings detailing the findings of the Inspection on this area within one week from the receipt date by the Contractor of the Letter of Intent.

The report shall include the as - existing conditions, drawings, photographs with all details clearly shown to the approval of the Engineer.

In case the Letter of Intent includes instructions to the Contractor to carry out concrete testing then the Contractor shall carry out these testing and submit to the Engineer a report detailing the tests results and locations. All testing shall be completed and the report submitted to the Engineer within two weeks from the receipt date by the Contractor of the Letter of Intent.

The Engineer shall then, decide on the rehabilitation works to be performed on this area, based on the findings of this Inspection (and as applicable, test results).

B. The inspection shall cover all the constructions. Internal and external structural elements, the Contractor shall carry out his inspection for the internal elements after emptying and cleaning the reservoir after taking all necessary/required security and safety measures and using any safety equipment to the satisfaction of the Engineer.

C. All surveys shall be completed and corresponding reports be submitted prior to start the rehabilitation works. The Contractor's program of work shall consider and illustrate these requirements.

D. All the site sampling and the in-situ and laboratory testing shall be performed by an approved independent laboratory.

E. The following sampling/testing may be used for the determination of the contaminated / defective concrete areas when required by the Engineer:

1. For an area of concrete surface, one or more of the following tests are to be done as may be required by the Engineer (Frequency of each test will be defined by the Engineer):

    a. Drilling and collecting dust samples, at the locations defined by the Engineer, in three depth increments 0 to 30 mm, 30 to 70 mm, 70 to 100 mm, or in two depth increments 0 to 30 mm and 30 to 70 mm, for the purpose of chemical tests.

    b. Measuring the chloride ion content (as Cl^-) of an increment or increments of collected dust samples, as required by the Engineer, in accordance with the relevant British Standard.