**Quality Control Test That Can be Performed in Kishoregonj WD Laboratory**

| **Material and Relevant Test** | **Test Frequency** | **Relevant Standard** |
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| Cement:   1. Initial Setting Time and Final Setting Time 2. Compressive Strength 3. Unit Weight | 1. For each fresh Consignment arriving at Site 2. For each 100 M. Ton 3. As approved or directed by the Project Manager. | ASTM C786,  ASTI C403,  ISO 679:2009 or Equivalent |
| Fine Aggregate (Sand):   1. Fineness Modulus | 1. 1(one) Sample for each 350 Cum or part thereof 2. As approved or directed by the Project Manager | ASTM C 33 or Equivalent |
| Coarse Aggregate (Stone Chips)   1. Gradation Test | 1. 1(one) Sample for each 700 Cum or part thereof 2. As approved or directed by the Project Manager. | ASTM C330, AASHTO T-85, BS-  812,ASTM C-535 or Equivalent |
| Concrete   1. Concrete Core Test | 1. Concrete Core Test will be carried out for at least one block for each 3000 CC block. 2. Each 100 cum volume of CC Block. 3. Smaller of above shall govern testing frequency. | BS 1881,ASTM C-42 Or similar standard |
| Soil   1. Standard/Modified Proctor Test 2. Atterberg's Limit (Plastic Limit & Liquid Limit) | 1. For each source of fill materials. 2. One Sample for each 10,000 Cum of fill material | ASTM D698 / AASHTO T99 ,ASTM D1557 / AASHTO T180, ASTM D 4318  or Equivalent |