

**Name of work : - Improvement of Various roads of Lalpur Taluka Under Kishan path Yojana Package No. JAM/KP/ 2023-24 /P-15**

**Testing Schedule**

Sr.No.	Materials	Name of Laboratory Test	Frequency of Test	Total Nos. of Test to be carried out	Remarks
1	Aggr. For road work (a) M.C. Metal 40 to 63mm (b) M.C. Metal 6 to 10mm (c) Stone dust	(1) Gradation (2) Flakiness (3) Impact (4) Abrasion (5) Crushing Strength	Upto 100 cmt. -1 test 101 to 500 cmt. -3 test 501 to 1500 cmt. - 5 test 1501 to 5000 cmt. - 7 test Minimum one Test for one work.	3-Test 1-Test 1-Test	
2	Earth work for embankment	1. Density test (IS 2720 Part VII) 2. Moisture content (IS 2720 Part II) 3. Sand Content (IS 2720 Part IV) 4. Plasticity Test (IS 2720 Part V)	One test per 250 Cum of soil One test per every 250 Cum of soil Two test per 8000 Cum of soil Each type to be tested. Two test per 8000 Cum of soil	3 Test 3 Test 1 Test 1 Test	
3	Curry spall	CBR Value	One test per 50 cmt	13 Test	
4	Cement	1. Consistency 2. Setting time 3. Compressive strength 4. Soundness 5. Specific gravity 6. Fineness	1 Sample of 15 Kg per 50 MT 2 Sample 100 MT 3 Per 200 MT 4. Per 300 MT 5 Per 600 MT 6 per 800 MT 7 Per 1300 MT	4 Test	As per receipt of materials in store collect 15 Kg. Sample from 20 bags in consignment of MT 1. Test 50 MT 2. Test 100 MT 3. Test 200 MT
5	Sand	1. Fineness Modular 2. Specific gravity 3. Water absorption 4. Alkali reaction 5. Silt content 6. Gradation	1 Test per working seasons, per Quarry / River	1 Test	
6	Crushed stone aggregate for concrete work	1. Gradation 2. Water absorption 3. Impact value 4. Absorption 5. Specific gravity 6. Soundness 7. Flakiness	One test for season Upto 100 Cum 1 Test 101 to 500 3 Test 501 to 1500 5 Test 1501 to 5000 7 Test	5-Test	

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**Signature of Contractor**

**Executive Engineer  
Panchayat (R&B) Division  
Jamnagar.**