

Name of work :- C.R to Rajkot Kalawad Khatia Lalpur Khambhalia road Section II Lalpur to Mota Khadaba Road km 0/0 to 12/0
(Strenghting of missing link bet Ch. 9/820 to 10/175

TESTING SCHEDULE

Statement showing laboratory test to be carried out during Execution of work as per Circular No. Govt/R&B Deptt. Gandhinagar No.
S.S.R./2083/5411/Date 20-2-82.

Sr. No.	Tender It. No.	Description of Item in brief.	Details of Materials to be tested	Nature of Lab test	Frequency of test	Remarks.
1	2	3	4	5	6	7
1		20mm Mixed Seal Surface. Asphalt Painting 50MM BM	B.S. Crushed Metal 11.20 to 5.60 2.80 to 5.60 Stone Dust. 19.0 to 26.50 13.20 to 19.00 4.75 to 13.2 2.36 to 4.75 2.36 to 0.075	1) Flakiness Index 2) Impact Value 3) Gradation 4) Water absorption 5) Specific Gravity 6) Crushing Strength 7) Abrasion test 8) Stripping Value	Upto 100 Cum. 1 Test 101 to 500 Cum 3 Test 501 to 1500 Cum 5 Test 1501 to 5000 Cum 7 Test Minimum 1 Test (One For Each Source of Supply)	
2		37.50mm	Crushed stone aggregates.	1) Flakiness Index 2) Impact Value 3) Gradation 4) Water absorption 5) Specific Gravity 6) Crushing Strength 7) Abrasion test 8) Stripping Value	Upto 100 Cum. 1 Test 101 to 500 Cum 3 Test 501 to 1500 Cum 5 Test 1501 to 5000 Cum 7 Test Minimum 1 Test (One For Each Source of Supply)	
3		Asphalt Binder	Asphalt VG-30	1) Penetration Test 2) Ductility Test 3) Softening Point Test 4) Kinematic Viscosity Test 5) Absolute Viscosity Test 6) Flash Point Test 7) Specific Gravity Test	No.of Tanker No. of Test 1 to 10 1 11 to 20 2 21 to 50 3 51 to 100 4	As per Norms

Sr. No.	Tender It. No.	Description of Item in brief.	Details of Materials to be tested	Nature of Lab test	Frequency of test	Remarks.
BITUMINOUS WORK						
4	Providing and laying 50 mm BM	410.00 MT	Crushed stone aggregates as per MORTH specification	a) Aggregate Impact value	upto 100 cum	1-test
		As required as per specification		b) Flakiness Index	101 to 500 cum.	3-test
				c) Water Absorption	501 to 1500 cum.	5-test
				d) Gradation	1501 to 5000 cum.	7-test
				e) Stripping value	5001 & above one	
					additional	
					test per work.	
5	Providing and laying 20 mm MSS	170.00 MT	Crushed stone aggregates as per MORTH specification	a) Aggregate Impact value	upto 100 cum	1-test
		As required as per specification		b) Flakiness Index	101 to 500 cum.	3-test
				c) Water Absorption	501 to 1500 cum.	5-test
				d) Gradation	1501 to 5000 cum.	7-test
				e) Stripping value	5001 & above one	
					additional	
					test per work.	

TESTS AT PLANT SITE & WORK SITE						
6	For BM & MSS	Tack coat		a) Bider tempracture for	At regular close	
		As required as per specification		application	intervals.	
				b) Rate of spread of	At regular close	
				binder	intervals.	
				c) Rate of spread	Regular control	
				of mix materials	through checkes of	
					materials & layer	
					thickness.	
				d) Quality of binder	As required.	

Note :- One Percent of Estimated cost put to tender will be recovered from the contractor's bill for testing charges. The Testing Materials shall be provided on laboratory site free of cost by the Contractor.

Deputy Executive Engineer
Jamjodhpur (R&B) Sub-Dn.
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TEST SCHEDULE

It. No.	Type of Test	Frequency of testing (As per most specification for road and
1	20mm Seal Surface	FOR TACK COAT
2	50mm BM	i) Binder Temnperature At Regular close interval
		ii) Rate of Spread of bindi Two Test per day
		FOR PAVER ITEMS
		(B.S. Crushed metal Grit)
	i) Aggregate impact value	Upto 100 Cum 1 Test
	ii) Flakiness Indes	101 to 500 CUm 3 Test
	iii) Gradation	501 to 1500 Cum 5 Test
		1501 to 5000 Cum 7 Test
	iv) Abrasion	Minimum 1 test One for each source of supply
	v) Stripping Value	
	vi) Water absorption	
	vii) Crushing strength	
	viii) Temperature of binder at application	At Regular close interval
	ix) Binder Contents	Two test per day per plant
	x Gradation at plant site	Two test per day per plant
	xi) Rate of spread of mate	Regular control through joints on materials and layer thickness
		No. of Tanker No. of Test
	xii) Quality of Binder	1 to 10 1
	Asphalt	11 to 20 2
		21 to 50 3
		51 to 100 4
		Above 100 tankers, 1-test per each 50 tankers

Expenditure for test should be borne by the department, but all materials required for test should be supplied by the contractor to the department from which materials utilized for work. One Percent of estiamted cost put to tender will be recovered from the contractor's bill as testing charges.

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