



SATARA ZILLA PARISHAD, DISTRICT QUALITY CONTROL LABORATORY, SATARA
SAND TEST RESULT SHEET



Letter No. & Date :- No.NZP/Works/SDS/DB/ /2024 Dt .30/01/2025 Date of Receipt :-06/03/2025 Amount :- 26045
Job No :- Mar.25/108 Challan No :- 3523 Sub-Division :- Satara
Division : Z.P.Works Division North Satara
Name Of Work : Improvement of Road Nh 4 to Indiranagar to Samarthnagar to NH 140 road VR 215 (NH 4 to Nishigandha Colony to Morya hall) Tal.Dist.Satara
Name Of Agency :- Chair. Nandkumar construction Satara

Sr.No.	Description	Fineness Modulus		Silt content		Average diameter mm	Remarks
		Specified	Actual	Specified	Actual		
1	Artificial Sand	Vide.Std.Specification Vol.I Min. 3.05	3.50	Vide.Std.Specification Vol.I 1) Max. 8.0 %	5.22%	--	

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सहाय्यक संशोधन अधिकारी
जिल्हा गुणनियंत्रण प्रयोगशाळा
सातारा जिल्हा परिषद, सातारा.

दिनांक :- ०४/०४/२०२५

Date Of Checking - 07/03/2025 To 03/04/2025



(M.H. Patil)

Assistant Research Officer
District Quality Control Laboratory
Satara Zilla Parishad, Satara.

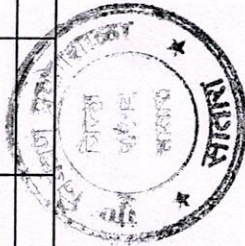
Note - 1) Samples are tested as received in the Laboratory.



SATARA ZILLA PARISHAD, DISTRICT QUALITY CONTROL LABORATORY, SATARA
METAL TEST RESULT SHEET

Letter No. & Date :- No.NZP/Works/SDS/DB/ /2024 Dt .30/01/2025 Date of Receipt :-06/03/2025 Amount :- 26045
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Name Of Agency :- Chair. Nandkumar construction Satara

Sr. No.	Size of Metal in mm	Sieve analysis test			Flakiness Index	Elongation Index %	Impact Value % max. for W.B.M. 2) 25 % max. for max. for Bitumen Road	Crushing value % Max.30% for W.Surface & 45% for other	Water Absorption 1) 1 % max. for Bitumen Road 2) 5 % max. for B.M. Road	Specific Gravity 2.5 to 3.0	Los Angles abrasion value (Max.) 1)For Bitumen Road a) Heavy traffic 17% & Light or medium traffic 23 % 2) For W.B.M. 30 %	Remarks
		Size of sieve in mm	Specified Limit Passing %	Actual Passing %								
1	2	3	4	5	6	7	8	9	10	11	12	13
1	20 mm metal	40.00	100.00%	100.00%	14.63%	--	17.25%	17.48%	1.77%	2.83%	--	
		20.00	85-100%	93.45%								
		10.00	0-20%	12.59%								
		4.75	0-5%	1.58%								



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जिल्हा गुणनियंत्रण प्रयोगशाळा

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METAL TEST RESULT SHEET

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Name Of Agency :- Chair. Nandkumar construction Satara

Sr. No.	Size of Metal in mm	Sieve analysis test			Flakiness Index 1) 15 % max. for W.B.M. Road IS 6579 - 1981 2) 25 % max. Compedium 1971 for Bitumen Road	Elongation Index %	Impact Value 1) 30 % max. for W.B.M. 2) 25 % max. for Bitumen Road	Crushing value % Max.30% for W.Surface & 45% for other	Water Absorption 1) 1 % max. for Bitumen Road 2) 5 % max. for B.M. Road	Specific Gravity 2.5 to 3.0	Los Angles abrasion value (Max.) 1)For Bitumen Road a) Heavy traffic 17% & Light or medium traffic 23 % 2) For W.B.M. 30 %	Remarks
		Size of sieve in mm	Specified Limit Passing %	Actual Passing %								
1	2	3	4	5	6	7	8	9	10	11	12	13
1	20 mm metal	40.00	100.00%	100.00%	14.58%	--	16.29%	16.48%	1.70%	2.79%	--	
		20.00	85-100%	98.22%								
		10.00	0-20%	14.33%								
		4.75	0-5%	2.85%								

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सातारा जिल्हा परिषद,सातारा.

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SATARA ZILLA PARISHAD, DISTRICT QUALITY CONTROL LABORATORY, SATARA
CONCRETE CUBE TEST RESULT SHEET

Letter No. & Date :- No.NZP/Works/SDS/DB/ /2024 Dt .30/01/2025
Job No :- Mar.25/108

Date of Receipt :-06/03/2025
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Amount :- 26045
Sub-Division :- Satara

Division : Z.P.Works Division North Satara

Name Of Work : Improvement of Road Nh 4 to Indiranagar to Samarthnagar to NH 140 road VR 215 (NH 4 to Nishigandha Colony to Morya hall) Tal.Dist.Satara
Name Of Agency :- Chair. Nandkumar construction Satara

Sr. No.	Actual Date of Receipt	Date of Casting		Age of Cube in Days	Wt of Specimen in gms.	Daimension of Specimen in cm			Cross Sectional Area in Sq. cm	Gauge Reading	Calibrated Load in Tonnes	Compressive Strength kg/ Sq cm	
		Grade of Concrete	Actual Date of Testing			L	W	H				Observed	Specified for
1	06/03/2025 M - 10		21/01/2025 07/03/2025	46	8741 8722 8763	15 15 15	15 15 15	15 15 15	225 225 225	27 26 28	27.334 26.289 28.379	121.48 116.84 126.13	109.50 109.50 109.50
2	06/03/2025 M - 10		21/01/2025 07/03/2025	46	8711 8752 8763	15 15 15	15 15 15	15 15 15	225 225 225	28 27 28	28.379 27.334 28.379	126.13 121.48 126.13	109.50 109.50 109.50

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07/03/2025



(M.H.Patil)
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