

TESTING AND QUALITY CONTROL LABORATORY

RURALWORKS DEPARTMENT, TRIVENIGANJ

EmailID:-divisionallabtriveniganj@gmail.com

TEST RESULT OF CONCRETE CUBE

CUBE TEST OF :- PCC M-20 SCHEME:- MMGSY NASHESH (Grh)

NAME OF DIVISION :- R.W.D, WORKS DIVISION :- TRIVENIGANJ

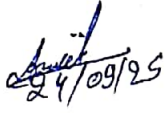
NAME OF WORK:- Main road Knowledge public school to Bagheli.
prathamik vidyalaya, Bahu to 1

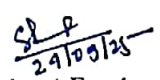
NAME OF AGENCY :- M.K. Vinod Kumar Mishra

REF:- Sample collected by AE LETTER NO:- 67 date 22/08/25

DATE:- 23 / 09 / 25 CH:- 0.850km DATE OF TEST:- 23 / 09 / 25

SL No.	CUBE TEST ON 28 DAYS				Remarks
	1	2	3	4	5
1	Date Of Concreting	21-08-25	21-08-25	21-08-25	Permissible
2	Date Of Test	23-09-25	23-09-25	23-09-25	
3	ID. Mark	A ₁	A ₂	A ₃	
4	Area (C.M2)	225	225	225	
5	Maximum Load (KN)	150	460	175	
6	Crushing Strength (Kg/CM2)	204.07	208.61	215.41	
7	Mix Design M- 20				


Technical Supervisor
Testing & Quality Control Laboratory,
Triveniganj


Assistant Engineer
Testing & Quality Control Laboratory
Triveniganj



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TEST RESULT OF CONCRETE CUBE

CUBE TEST OF :- PCC M-30 SCHEME:- M/M GSY Awghash (Gen)

NAME OF DIVISION :- R.W.D, WORKS DIVISION :- TRIVENIGANJ

NAME OF WORK:- Main road knowledge public school to Baghela

NAME OF AGENCY :- M/s Vinod Kumar Mishra

REF:- Sample collected by A.E. LETTER NO:- 67, dated 22-08-25

DATE:- 23 / 09 / 25 CH:- DATE OF TEST:- 23 / 09 / 25

SL No.	CUBE TEST ON 28 DAYS				Remarks
	1	2	3	4	5
1	Date Of Concreting	21-08-25	21-08-25	21-08-25	Permissible
2	Date Of Test	23-09-25	23-09-25	23-09-25	
3	ID. Mark	B ₁	B ₂	B ₃	
4	Area (CM2)	225	225	225	
5	Maximum Load (KN)	680	695	665	
6	Crushing Strength (Kg/CM2)	306.38	315.19	301.58	
7	Mix Design M- 30				

Amrit
24/9/25

Technical Supervisor

Testing & Quality Control Laboratory,
Triveniganj

SLP
24/09/25

Assistant Engineer

Testing & Quality Control Laboratory
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GRADATION TEST OF WBM GRADE-III SCHEME:- MMGSY Awadesh (Gen)
NAME OF DIVISION :- R.W.D, WORKS DIVISION :- TRIVENIGANJ

NAME OF WORK:- Main road Knowledge public school to Bagheli
prathmik vidyalaya, Balu Jals
NAME OF AGENCY :- M/s Vinod Kumar Mishra

REF:- Sample collected by AE LETTER NO:- 67 dated - 22/08/25
DATE:- 24 / 09 / 25 CH:- 0.750 Km DATE OF TEST:- 24 / 09 / 25

PHYSICAL TEST:-

SL No.	A.I.V		WATER ABSORPTION		REMARKS
	TEST VALUE %	REQUIRED LIMIT %	TEST VALUE %	REQUIRED LIMIT %	
	12.89 %	10 %	0.77 %	2 %	Permissible

GRADATION TEST:-

SL No.	Sieve No. (mm)	Weight Retained (kg)	% Wt. Of Retained	Cumulative % Retained (kg)	% Of Passing (kg)	Required Limit (%)	Remarks
1	2	3	4	5	6	7	8
		Total Weight of WBM Sample:- <u>65.503 kg</u>		Weight of Screening Sample:- <u>6.893 kg</u>		Weight of Sample:- <u>58.61 kg</u>	
2	63	0	0	0	100	100	Permissible.
3	53	1.612	2.750	2.750	97.24	95-100	
4	45	9.412	16.058	18.808	81.19	65-90	
5	22.4	13.490	21.202	23.010	6.989	0-10	
6	11.2	2.420	4.128	27.138	2.861	0-5	

24/9/25
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GRADATION TEST OF

GSBGRADING-I

SCHEME:- MM1455 Awashesh (Gr1)

NAME OF DIVISION :- R.W.D, WORKS DIVISION :-

NAME OF WORK:- Main road Knowledge public school to Bagheli
prathmik vidyalaya Balu ls.

NAME OF AGENCY :- M/s Vinod Kumar Mishra

REF:- Sample collected by AE LETTER NO:- C7, dated - 22/08/25

DATE:- 24/09/25 CH:- 0.750 Kn DATE OF TEST:- 24/09/25

SL No.	Sieve No. (mm)	Weight Retained (kg)	%Wt.of Retained	Cumulative % Retained (kg)	% Of Passing (kg)	Required Limit %	Remarks
1	2	3	4	5	6	7	8
		Weight Of Sample:- <u>93.424 kg</u>					Permissible
1	75	<u>0</u>	<u>0</u>	<u>0</u>	<u>100</u>	100	
2	26.5	<u>30.969</u>	<u>33.14</u>	<u>33.14</u>	<u>66.86</u>	55-75	
3	4.75	<u>36.208</u>	<u>38.75</u>	<u>71.89</u>	<u>28.11</u>	10-30	
4	0.075	<u>26.141</u>	<u>27.98</u>	<u>99.87</u>	<u>0.13</u>	0-10	

Signature
24/9/25

Technical Supervisor

Testing & Quality Control Laboratory,
Triveniganj

Signature
24/09/25

Assistant Engineer

Testing & Quality Control Laboratory
Triveniganj

