

सहायक अभियंता का कार्यालय

ग्रामीण कार्य विभाग, जाँच एवं गुणवत्ता नियंत्रण प्रयोगशाला, वीरपुर ।

Email ID:- tgclab-virpur25@bihar.gov.in

पत्रांक:- 17 (अनु०)/ वीरपुर

दिनांक:- 23/09/25

प्रेषक,

सहायक अभियंता,
ग्रामीण कार्य विभाग,
जाँच एवं गुणवत्ता नियंत्रण प्रयोगशाला, वीरपुर ।

सेवा में,

कार्यपालक अभियंता
ग्रामीण कार्य विभाग,
कार्य प्रमंडल, वीरपुर ।

विषय:- पथों में किए गए जाँच फल के संबंध में ।

प्रसंग:- कार्यपालक/सहायक अभियंता का पत्रांक Camp दिनांक 20/09/2025
महाशय

उपरोक्त विषयांकित संदर्भ में कहना है कि आपके प्रमंडलाधीन निर्माण कराए जा रहे पथों/पूल-पुलियों में प्रयुक्त किए जा रहे सामग्रियों के नमूनों को जाँचोंपरांत जाँच प्रतिवेदन सलग्न कर भेजा जा रहा है, जो निम्नावत है ।

पथ/पूल का नाम:- Const. of Road from Katanga main
canal Road 4 km to Kalim house

योजना:- R.R.S.M.P

संवेदक:- Alok Kumar Singh (J.V)

नमूना:- S.D.B.C. BM, C.S.B.C. II, W.B.M. Cx-III

स्वीकृत/अस्वीकृत:- स्वीकृत

विश्वासभाजन

81/P
23/09/25

सहायक अभियंता

जाँच एवं गुणवत्ता नियंत्रण प्रयोगशाला,
ग्रामीण कार्य विभाग, वीरपुर ।

TESTING AND QUALITY CONTROL LABORATORY

RURAL WORKS DEPARTMENT, VIRPUR

Email ID:- tqclab-virpur25@bihar.gov.in

TEST RESULT FOR BITUMEN CONTENT OF SDBC/BM/MSS/PMC/SURFACE DRESSING

TEST FOR BITUMEN CONTENT OF :- SDBC SCHEME:- R.R.SMP

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

NAME OF WORK:- Const. of Road from Katiya main canal Road 4 KM to Kalan House.

NAME OF AGENCY:- Alek Kumar Singh (J.V.)

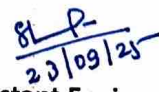
REF:- Sample collected by AE LETTER NO:- Caomp DATE:- 20/09/2025

CH:-

DATE OF TEST:- 23/09/2025

SL No.	TEST FOR BITUMEN CONTENT				Remarks
	1	2	3	4	
1	Date Of Test	23-09-2025	23-09-2025		PERMISSIBLE
2	Wt. Of Mix in gm (A)	500.955	500.455		
3	Wt. Of Cleared Chips in gm (B)	475.450	474.200		
4	Volume Of Bituminous (C)				
5	Wt. Bitumen in gm (A-B)	25.505	26.255		
6	Density Of Mix (A/C)				
7	% Of Bitumen W.R to Mix (A-B)/A×100	5.091	5.246		


Technical Supervisor
Testing & Quality
Control Laboratory, R.W.D
Virpur


Assistant Engineer
Testing & Quality
Control Laboratory, R.W.D
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TEST RESULT FOR BITUMEN CONTENT OF SDBC/BM/MSS/PMC/SURFACE DRESSING

TEST FOR BITUMEN CONTENT OF :- BM SCHEME: RRSMP

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

NAME OF WORK:- Const. of Road from Katiya main canal road 4 km to Kation house

NAME OF AGENCY:- Alek Kumar Singh (J.V)

REF:- sample collected by AE LETTER NO:- CAMP DATE:- 20/09/2025

CH:-

DATE OF TEST:- 23/09/2025

SL No.	TEST FOR BITUMEN CONTENT				Remarks
	1	2	3	4	
1	Date Of Test	<u>23-09-2025</u>	<u>23-09-2025</u>		PERMISSIBLE
2	Wt. Of Mix in gm (A)	<u>500.955</u>	<u>506.267</u>		
3	Wt. Of Cleared Chips in gm (B)	<u>489.515</u>	<u>489.953</u>		
4	Volume Of Bituminous (C)				
5	Wt. Bitumen in gm (A-B)	<u>16.440</u>	<u>16.314</u>		
6	Density Of Mix (A/C)				
7	% Of Bitumen W.R to Mix (A-B)/A×100	<u>3.281</u>	<u>3.222</u>		

23/09/2025
Technical Supervisor

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23/09/25
Assistant Engineer

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GRADATION TEST OF

G.S.B GRADING-II

SCHEME:- RRSMP

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

NAME OF WORK:- CONST. OF ROAD FROM KATATYA MAIN
CANAL ROAD 4 KM TO KALIM HOUSE

NAME OF AGENCY:- ALOK KUMAR SINGH (J.V.)

REF:- SAMPLE COLLECTED BY AE LETTER NO:- CAMP DATE:- 20/09/2025

CH:-

DATE OF TEST:- 23/09/2025

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>55.524 kg</u>						<u>PERMISSIBLE</u>
1	53 mm	<u>0</u>	<u>0</u>	<u>0</u>	<u>100</u>	100	
2	26.5 mm	<u>17.579</u>	<u>31.55</u>	<u>31.55</u>	<u>68.45</u>	50-80	
3	4.75 mm	<u>29.514</u>	<u>49.15</u>	<u>75.70</u>	<u>24.30</u>	15-35	
4	0.075 mm	<u>9.411</u>	<u>16.95</u>	<u>92.65</u>	<u>7.35</u>	0-10	

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Assistant Engineer

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PHYSICAL & GRADATION TEST OF W.B.M. GRADING-III SCHEME:- RRSMP

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

NAME OF WORK:- CONST. OF ROAD FROM KATAIYA
MAIN CANAL ROAD 4KM TO KALIM HOUSE

NAME OF AGENCY:- ALOK KUMAR SINGH (J.V.)

REF:- SAMPLE COLLECTED BY AG LETTER NO:- CAMP DATE:- 20/09/2025

CH:-

DATE OF TEST:- 23/09/2025

PHYSICAL TEST:-

SL No.	A.I.V		WATER ABSORPTION		REMARKS
	TEST VALUE %	REQUIRED LIMIT %	TEST VALUE %	REQUIRED LIMIT %	
	17.98%	40%	0.86%	2%	

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:- 24.350 kg					PERMISSIBLE
		Weight Of Screening Sample:- 6.395 kg					
		Weight Of Sample:- 28.005 kg					
2	63 mm	0	0	0	100	100	
3	53 mm	0.800	2.86	2.86	97.14	95-100	
4	45 mm	6.885	24.584	27.445	72.555	65-90	
5	22.4 mm	19.78	70.630	98.071	1.925	0-10	
6	11.2 mm	0.255	0.910	98.986	1.014	0-5	

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Assistant Engineer

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