

Measurement Book

Schedule XLV-Form No. 134

Nawabganj To Marangji Road

DIVISION

SUB-DIVISION

320
5/1/20

પ્રજાસિદ્ધિ વિચાર ધારના જે જે કાર્યો
પુરના જે નક્કી કરવા પ્રમાણમાં
કાંઈકના જે વિશે જે અભ્યાસ કરના
લેખનમાં જે ભાગ જે વિગત વિગત ધાર

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Executive Engineer
Rural Works Department
Works Division, Manihari

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Name of Work -

Situation of work -

Agency by which work is executed -

Date of measurement -

No. and date of agreement -

(These four lines should be repeated at the commencement of the measurements relating to each work).

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Name of Road -					
Agency -					
Year -					
Length -					
Item No. 1 -					

Calculation for brick Bat					
1.40 x 7.00 x	1.00 + 0.90				
	x 0.60 + 0.80				4.66 m ³
1.40 x 13.60 x	1.20 + 1.25				
	x 1.00 + 0.90				15.83 m ³
1.40 x 4.30 x	1.30 + 1.10				
	x 0.60 + 0.70				3.35 m ³
1.40 x 15.00 x	1.40 + 1.20				
	x 0.60 + 0.70				12.68 m ³
1.40 x 9.60 x	1.20 + 1.00				
	x 0.70 + 0.80				7.92 m ³
1.40 x 2.00 x	1.60 + 1.30				
	x 0.80 + 1.00				15.66 m ³
1.40 x 13.00 x	1.20 + 1.10				

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
1 NO X 16.10 X 2.10 + 2.00		0.80 + 0.60			10.47 m ³
1 NO X 16.10 X 2.10 + 2.00		1.30 + 1.40			39.65 m ³
1 NO X 12.00 X 2.70 + 2.80		1.00 + 0.90			48.45 m ³
1 NO X 23.40 X 2.30 + 2.30		1.00 + 0.90			57.80 m ³
1 NO X 2.60 X 1.40 + 0.70		0.60 + 0.70			1.94 m ³
1 NO X 13.50 X 3.20 + 3.10		0.80 + 0.75			32.96 m ³
1 NO X 12.40 X 3.20 + 3.30		1.10 + 1.60			46.04 m ³
1 NO X 8.50 X 3.20 + 3.30		1.10 + 1.60			31.56 m ³
1 NO X 3.50 X 2.60 + 2.10		2.60 + 1.90			10.69 m ³
1 NO X 5.20 X 1.00 + 1.20		0.90 + 1.00			5.43 m ³
2 NO X 28.10 X 3.20 + 2.70		1.70 + 1.60			299.97 m ³
1 NO X 22.00 X 2.60 + 2.10		1.60 + 1.20			72.38 m ³
1 NO X 15.00 X 2.70 + 2.20		1.70 + 1.50			68.85 m ³

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
1 NO X 27.00 X		$\frac{2.00 + 1.96}{2}$			
		$\times \frac{1.10 + 0.96}{2}$			$= 55.06 m^3$
1 NO X 21.00 X		$\frac{2.30 + 2.05}{2}$			
		$\times \frac{1.40 + 1.10}{2}$			$= 57.09 m^3$
1 NO X 12.00 X		$\frac{1.20 + 1.0}{2}$			
		$\times \frac{0.60 + 0.70}{2}$			$= 8.97 m^3$
1 NO X 4.70 X		$\frac{1.40 + 1.30}{2}$			
		$\times \frac{0.50 + 0.60}{2}$			$= 3.49 m^3$
1 NO X 10.00 X		$\frac{2.10 + 1.96}{2}$			
		$\times \frac{1.20 + 1.00}{2}$			$= 22.83 m^3$
1 NO X 10.70 X		$\frac{3.00 + 2.80}{2}$			
		$\times \frac{1.96 + 1.40}{2}$			$= 52.13 m^3$
1 NO X 8.40 X		$\frac{1.70 + 1.30}{2}$			
		$\times \frac{0.80 + 0.70}{2}$			$= 10.00 m^3$
1 NO X 18.00 X		$\frac{2.10 + 2.00}{2}$			
		$\times \frac{1.90 + 1.60}{2}$			$= 64.98 m^3$
1 NO X 30.00 X		$\frac{2.70 + 2.30 + 2.10}{3}$			
		$\times \frac{1.85 + 1.72}{2}$			$= 126.03 m^3$
1 NO X 20.00 X		$\frac{2.10 + 1.96}{2}$			
		$\times \frac{1.40 + 1.20}{2}$			$= 52.78 m^3$
1 NO X 20.00 X		$\frac{2.50 + 2.10 + 2.00}{3}$			
		$\times \frac{1.75 + 1.50}{2}$			$= 71.50 m^3$
1 NO X 13.00 X		$\frac{2.20 + 2.40}{2}$			
		$\times \frac{1.80 + 1.60}{2}$			$= 50.83 m^3$

Continuation

Sch. XLV-Form No. 134

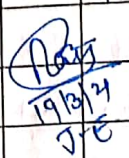
Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
1 No x 13.00 x $\frac{2.20+2.40}{2}$					
			$\times \frac{1.80+1.60}{2} =$		50.83 m ³
1 No x 14.00 x $\frac{2.40+1.50+1.30}{3}$					
			$\times \frac{1.00+0.80}{2} =$		21.84 m ³
1 No x 13.00 x $\frac{2.90+2.20}{2}$					
			$\times \frac{1.90+1.70}{2} =$		59.67 m ³
				Total =	1442.52 m ³

Item No 2 - Supplying of
empty cement bag
and labour - - etc

Calculation of empty cement

1 No x 13.60 x 1.00 x 0.90 =	12.24 m ³
1 No x 31.00 x 0.90 x 0.30 =	8.37 m ³
1 No x 15.00 x 1.20 x 0.50 =	9.00 m ³
1 No x 27.00 x 1.00 x 0.40 =	10.80 m ³
1 No x 21.00 x 0.80 x 0.70 =	8.40 m ³
1 No x 10.00 x 0.70 x 0.50 =	2.10 m ³
1 No x 16.10 x 0.80 x 0.60 =	7.73 m ³
1 No x 10.70 x 1.30 x 0.70 =	9.74 m ³
1 No x 8.40 x 1.60 x 0.30 =	4.03 m ³
1 No x 18.00 x 1.40 x 0.20 =	5.04 m ³
1 No x 20.00 x 1.50 x 0.40 =	12.00 m ³
1 No x 20.00 x 1.20 x 0.40 =	9.60 m ³
1 No x 13.00 x 1.00 x 0.50 =	6.50 m ³

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
			Total =		105.55 m ³
Item No 3 - S/F/Fixing 624					
75 mm dia bamboo					
pile in size					
- - - E/L					
<u>Calculation of Bamboo Pile</u>					
		Length	Width		
1 NO	13.60		0.30	=	45 NO
1 NO	31.00		0.30	=	103 NO
1 NO	18.00		0.30	=	50 NO
1 NO	27.00		0.30	=	90 NO
1 NO	21.00		0.30	=	70 NO
1 NO	10.00		0.30	=	33 NO
1 NO	16.10		0.30	=	54 NO
1 NO	10.70		0.30	=	36 NO
1 NO	8.40		0.30	=	28 NO
1 NO	18.00		0.30	=	60 NO
1 NO	20.00		0.30	=	67 NO
1 NO	20.00		0.30	=	67 NO
1 NO	13.00		0.30	=	43 NO
1 NO	223.80			=	746 NO
 					

Continuation

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