

माला तो ~~सहारे~~ ~~बाहिरे~~ हारिवोर नि

Schedule XLY-Form No. 134

माला मोठे हात चौदा माहादाली टोला

बायसे DIVISION

बायसे SUB-DIVISION

MEASUREMENT BOOK

राम सक्ती एत .

This is to certify that this MB contains
100 comp. printed page that has been
issued to Asst. Eng Rudra Subdivision
Baisi for the work Mala to
Jakarbalia Harintra

Amul
20/07/2020

Executive Engineer
Rural Works Department
Works Division, Baisi

Sch. XLV - Form No. 134

_____ DIVISION

_____ SUB-DIVISION

Measurement Book

No.

Name of Officer _____

Date of first entry _____

Date of last entry _____

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 measurement relating to each work)

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
CH →		FDR			
None of work →	Male TO Harinator via				
	Growth Green Hard chaini				
	mahadalit Tola.				
Agency					
Authority →	E.E RWD Baisi				
Date of Entry →					
① Providing Brick Bets including spreading, laying, compacting with C-1 Hammer all complete					
Sab.					
	CH → 1500				
	$4.60 \times (0.57 + 0.87) / 2 \times 0.30 = 0.93 \text{ m}^3$				
	$14.10 \times (0.60 + 1.10) / 2 \times (0.40 + 0.60) / 2 = 5.95 \text{ m}^3$				
	$12.70 \times (0.70 + 1.67) / 2 \times (0.90 + 1.10 + 0.90) / 3 = 14.55 \text{ m}^3$				
	$5.40 \times (0.55 + 0.85) / 2 \times 0.30 = 1.13 \text{ m}^3$				
	$13.00 \times (0.75 + 1.68) / 2 \times (0.8 + 1.10 + 0.90) / 3 = 14.74 \text{ m}^3$				
	$5.90 \times (0.90 + 1.25) / 2 \times (0.40 + 0.30) / 2 = 2.22 \text{ m}^3$				
	$25.00 \times (0.73 + 1.48) / 2 \times (0.60 + 0.30) / 2 = 20.72 \text{ m}^3$				
	$12.60 \times (1.50 + 2.0) / 2 \times (0.4 + 0.60) / 2 = 11.03 \text{ m}^3$				
	$11.50 \times (0.65 + 1.20) / 2 \times (0.5 + 0.6) / 2 = 5.85 \text{ m}^3$				

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
$30.50 \times (1.83 + 2.28)/2 \times (0.30 + 0.60)/2$					$= 28.20 \text{ m}^3$
$8.20 \times (0.53 + 1.11)/2 \times (0.40 + 0.75)/2$					$= 3.87 \text{ m}^3$
$26.50 \times (0.77 + 1.27)/2 \times (0.60 + 0.40 + 0.50)/3$					$= 13.52 \text{ m}^3$
$11.00 \times (0.65 + 1.3)/2 \times (0.55 + 0.44)/2$					$= 4.65 \text{ m}^3$
$2.00 \times (0.50 + 0.80)/2 \times 0.30$					$= 0.39 \text{ m}^3$
$6.00 \times (0.60 + 1.10)/2 \times (0.40 + 0.60)/2$					$= 2.55 \text{ m}^3$
$10.30 \times (0.40 + 0.75)/2 \times (0.40 + 0.30)/2$					$= 2.07 \text{ m}^3$
$10.30 \times (0.40 + 0.85)/2 \times (0.60 + 0.30)/2$					$= 2.30 \text{ m}^3$
$18.60 \times (1.75 + 1.27)/2 \times (0.20 + 0.80)/2$					$= 9.49 \text{ m}^3$
$10.00 \times (1.75 + 2.35)/2 \times (0.70 + 0.50)/2$					$= 12.30 \text{ m}^3$
$6.40 \times (0.65 + 1.22)/2 \times (0.60 + 0.40 + 0.70)/3$					$= 3.39 \text{ m}^3$
$7.00 \times (1.47 + 2.10)/2 \times (0.60 + 0.80 + 0.50)/3$					$= 7.91 \text{ m}^3$
$12.00 \times (1.53 + 2.58)/2 \times$					
$(0.30 + 0.90 + 1.80 + 1.20)/4$					$= 25.89 \text{ m}^3$
$1.00 \times (1.00 + 1.60)/2 \times 0.600$					$= 0.78 \text{ m}^3$
$1.00 \times (2 + 2.45)/2 \times (0.60 + 0.30)/2$					$= 1.00 \text{ m}^3$
$2.00 \times (0.80 + 1.28)/2 \times (0.35 + 0.60)/2$					$= 0.99 \text{ m}^3$
$31.00 \times (1.13 + 1.68)/2 \times$					
$(0.60 + 0.50 + 0.70 + 0.40)/4$					$= 23.96 \text{ m}^3$
$30.00 \times (0.83 + 1.33)/2 \times 0.80$					$= 25.92 \text{ m}^3$
$16.00 \times (0.45 + 0.95)/2 + (0.40 + 0.60)/2$					$= 5.60 \text{ m}^3$
$2.5 \times (0.60 + 0.50)/2$					
$2.50 \times (0.55 + 1.05)/2 \times (0.60 + 0.40)/2$					$= 1.00 \text{ m}^3$
$28.00 \times (1.08 + 2.68)/2 \times (1.40 + 1.80 + 1.60)/3$					$= 84.22 \text{ m}^3$
$2.00 \times (1.0 + 1.40)/2 \times 0.40$					$= 0.96 \text{ m}^3$
$15.80 \times (0.55 + 1.15)/2 \times (0.40 + 0.60 + 0.80)/3$					$= 8.06 \text{ m}^3$

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
18.40 X	(4.20 + 9.83)/2 X				
	(1.80 + 4.60 + 8.20 + 1.65)/4 =				363.03 m ³
5.00 X (1.25 + 1.75)/2 X (0.40 + 0.6)/2 =					3.75 m ³
14.40 X (1.25 + 1.85)/2 X (0.40 + 0.80)/2 =					13.39 m ³
5.40 X (0.70 + 1.35)/2 X (0.4 + 0.90)/2 =					3.60 m ³
1.100 X	(1.20 + 1.70)/2 X 0.50 =				0.73 m ³
7.00 X (0.83 + 1.53)/2 X (0.90 + 0.50)/2 =					5.78 m ³
6.70 X (1.25 + 2.15)/2 X (0.80 + 1.20 + 0.60)/3 =					9.78 m ³
3.30 X (0.95 + 1.88)/2 X (0.40 + 1.50 + 0.50)/3 =					4.31 m ³
5.00 X (0.93 + 1.80)/2 X (0.60 + 1.20 + 0.80)/3 =					5.92 m ³
5.00 X (0.96 + 1.43)/2 X (0.65 + 0.40)/2 =					3.06 m ³
3.00 X (0.90 + 1.55)/2 X (0.80 + 0.50)/2 =					2.39 m ³
3.00 X (0.87 + 1.34)/2 X (0.55 + 0.40)/2 =					1.57 m ³
5.30 X (1.03 + 1.56)/2 X (0.75 + 0.30)/2 =					3.60 m ³
7.40 X (1.25 + 1.85)/2 X (0.80 + 0.40)/2 =					6.88 m ³
15.20 X (1.0 + 2.18)/2 X					
(0.5 + 0.90 + 1.90 + 1.40)/4 =					28.40 m ³
4.10 X (1.55 + 2.75)/2 X (0.50 + 0.90)/2 =					6.17 m ³
4.10 X (1.55 + 2.15)/2 X (0.70 + 0.50)/2 =					4.55 m ³
4.00 X (1.50 + 2.25)/2 X (0.90 + 0.60)/2 =					5.63 m ³
2.00 X (1.50 + 2.20)/2 X (0.80 + 0.60)/2 =					2.59 m ³
9.00 X (1.0 + 2.40)/2 X (1.90 + 1.50 + 0.80)/3 =					21.42 m ³
9.00 X (0.80 + 1.63)/2 X (1.40 + 0.60 + 0.50)/3 =					9.11 m ³
6.00 X (1.0 + 1.45)/2 X (0.50 + 0.40)/2 =					3.31 m ³
8.40 X (0.85 + 1.55)/2 X (0.60 + 0.80)/2 =					7.06 m ³

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
$6.00 \times (2.50 + 3.03) / 2 \times (0.60 + 0.45) / 2$					8.71 m^3
$3.20 \times (1.10 + 1.83) / 2 \times (0.60 + 1.10 + 0.50) / 3$					3.44 m^3
$4.70 \times (1.50 + 2.25) / 2 \times (0.85 + 0.60) / 2$					6.35 m^3
$8.20 \times (0.65 + 1.55) / 2 \times (0.90 + 1.30 + 0.80) / 3$					8.12 m^3
$10.40 \times (0.70 + 2.0) / 2 \times (1.40 + 1.30 + 0.60) / 3$					18.25 m^3
$19.80 \times (0.80 + 1.53) / 2 \times (1.10 + 0.90 + 0.70 + 0.40) / 4$					18.26 m^3
$4.00 \times (3.0 + 3.75) / 2 \times (0.60 + 0.90) / 2$					10.13 m^3
$4.30 \times (1.10 + 1.60) / 2 \times 0.60$					3.35 m^3
$2.80 \times (1.20 + 2.25) / 2 \times (1.20 + 0.90) / 2$					5.07 m^3
$11.20 \times (0.45 + 1.18) / 2 \times (0.50 + 0.90 + 0.80) / 3$					6.69 m^3
$5.60 \times (1.20 + 1.87) / 2 \times (0.60 + 0.90 + 0.50) / 3$					5.73 m^3
$8.80 \times (0.55 + 1.22) / 2 \times (0.60 + 0.80 + 0.60) / 3$					5.19 m^3
$4.30 \times (2.17 + 2.87) / 2 \times (0.40 + 0.90 + 0.80) / 3$					7.59 m^3
$1.60 \times (2.0 + 3.50) / 2 \times 1.50$					6.60 m^3
$5.70 \times (2.5 + 3.05) / 2 \times (0.40 + 0.70) / 2$					8.70 m^3
$11.40 \times (0.65 + 1.15) / 2 \times (0.60 + 0.40) / 2$					5.13 m^3
$4.30 \times (1.70 + 2.73) / 2 \times (0.90 + 1.30 + 0.90) / 3$					9.84 m^3
$13.10 \times (0.83 + 1.60) / 2 \times (0.60 + 0.60 + 1.10) / 3$					12.20 m^3
$16.20 \times (0.70 + 1.57) / 2 \times (0.80 + 1.10 + 0.70) / 3$					15.94 m^3
$6.40 \times (0.90 + 1.80) / 2 \times (0.80 + 1.30 + 0.60) / 3$					7.78 m^3
$4.70 \times (0.35 + 0.90) / 2 \times (0.50 + 0.60) / 2$					1.62 m^3
$14.80 \times (0.63 + 1.28) / 2 \times (0.40 + 0.60 + 0.70 + 0.90) / 4$					9.19 m^3
$8.00 \times (4.0 + 6.48) / 2 \times (3.50 + 2.50 + 2.50 + 1.90 + 3.20 + 1.30) / 6$					104.10 m^3

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
4.90' X	$\frac{(1.0 + 2.15)}{2}$			$\frac{(1.50 + 0.80)}{2}$	= 8.88 m ³
1.50 X	$\frac{(1.0 + 1.70)}{2}$		0.70		= 1.42 m ³
10.70 X	$\frac{(1.20 + 1.95)}{2}$		$\frac{(0.60 + 0.90)}{2}$		= 12.64 m ³
8.50 X	$\frac{(0.80 + 1.35)}{2}$		$\frac{(0.60 + 0.50)}{2}$		= 5.03 m ³
3.70 X	$\frac{(1.50 + 2.35)}{2}$		$\frac{(0.80 + 0.80)}{2}$		= 6.05 m ³
3.00 X	$\frac{(1.0 + 1.70)}{2}$		0.70		= 2.84 m ³
3.30 X	$\frac{(1.50 + 2.20)}{2}$		$\frac{(0.80 + 0.60)}{2}$		= 4.27 m ³
2.90 X	$\frac{(2.0 + 3.90)}{2}$		$\frac{(2.0 + 1.70 + 2.30 + 1.60)}{4}$		= 16.25 m ³
26.50 X	$\frac{(0.83 + 2.06)}{2}$				
	$\frac{(1.50 + 0.90 + 1.70 + 0.80)}{4}$				= 46.91 m ³
13.30 X	$\frac{(0.90 + 2.18)}{2}$				
	$\frac{(0.90 + 1.50 + 1.80 + 1.40 + 0.80)}{5}$				= 26.22 m ³
8.40 X	$\frac{(1.13 + 2.36)}{2}$				
	$\frac{(0.60 + 1.60 + 1.80 + 0.90)}{4}$				= 17.96 m ³
2.00 X	$\frac{(2.0 + 2.85)}{2}$		$\frac{(0.50 + 0.80)}{2}$		= 2.06 m ³
2.10 X	$\frac{(0.80 + 1.63)}{2}$		$\frac{(0.80 + 0.30 + 0.80)}{3}$		= 2.13 m ³
6.50 X	$\frac{(0.80 + 1.93)}{2}$				
	$\frac{(0.90 + 1.50 + 1.20 + 0.90)}{4}$				= 9.98 m ³
5.80 X	$\frac{(0.80 + 1.63)}{2}$		$\frac{(0.8 + 1.10 + 0.60)}{3}$		= 5.87 m ³
1.50 X	$\frac{(0.90 + 1.53)}{2}$		$\frac{(0.90 + 0.60 + 0.40)}{3}$		= 1.15 m ³
7.00 X	$\frac{(0.50 + 1.0)}{2}$		0.50		= 2.63 m ³
13.70 X	$\frac{(1.25 + 1.88)}{2}$		$\frac{(0.40 + 0.60 + 0.90)}{3}$		= 13.58 m ³
13.60 X	$\frac{(0.75 + 1.60)}{2}$		$\frac{(0.80 + 0.90)}{2}$		= 13.58 m ³
6.50 X	$\frac{(0.95 + 2.45)}{2}$				
	$\frac{(1.0 + 1.80 + 2.30 + 0.90)}{4}$				= 16.58 m ³
3.40 X	$\frac{(1.0 + 1.80)}{2}$		$\frac{(0.90 + 0.70)}{2}$		= 3.81 m ³

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
2.10 X	$\frac{(0.50 + 1.20)}{2}$		$\times \frac{(0.80 + 0.60)}{2}$		= 1.25 m ²
1.00 X	$\frac{(0.50 + 1.05)}{2}$		$\times \frac{(0.70 + 0.40)}{2}$		= 0.43 m ²
12.80 X	$\frac{(0.77 + 1.75)}{2}$		$\times$		
		$\frac{(0.60 + 0.80 + 0.70 + 1.30 + 1.90)}{5}$			= 15.81 m ³
3.00 X	$\frac{(0.55 + 1.58)}{2}$		$\times \frac{(1.20 + 1.0 + 0.50)}{3}$		= 3.30 m ³
11.00 X	$\frac{(0.50 + 1.0)}{2}$		$\times \frac{(0.40 + 0.60)}{2}$		= 4.13 m ³
9.40 X	$\frac{(0.50 + 1.68)}{2}$		$\times$		
		$\frac{(0.20 + 1.20 + 1.40 + 1.80)}{4}$			= 12.04 m ³
4.40 X	$\frac{(3.10 + 6.37)}{2}$		$\times \frac{(1.60 + 1.30 + 1.40)}{3}$		= 34.03 m ³
3.50 X	$\frac{(1.25 + 2.20)}{2}$		$\times \frac{(0.60 + 1.30)}{2}$		= 5.74 m ³
40.00 X	320		$\times \frac{(0.80 + 0.60)}{2}$		= 89.60 m ³
2.5 X	$\frac{(0.80 + 1.60)}{2}$		$\times \frac{(0.70 + 0.90)}{2}$		= 2.40 m ³
2.00 X	$\frac{(1.0 + 2.0)}{2}$		$\times 1.00$		= 3.00 m ³
7.00 X	$\frac{(1.50 + 2.0)}{2}$		$\times 0.500$		= 6.13 m ³
9.00 X	$\frac{(0.40 + 1.10)}{2}$		$\times \frac{(0.50 + 0.70 + 0.90)}{3}$		= 4.73 m ³
2.90 X	$\frac{(1.0 + 1.95)}{2}$		$\times \frac{(1.10 + 0.80)}{2}$		= 4.06 m ³
9.70 X	$\frac{(0.55 + 1.52)}{2}$		$\times \frac{(0.70 + 0.50 + 1.30)}{3}$		= 9.70 m ³
1.00 X	$\frac{(1.0 + 1.50)}{2}$		$\times 0.500$		= 0.63 m ³
7.40 X	$\frac{(1.30 + 2.30)}{2}$		$\times \frac{(0.60 + 1.50 + 0.90)}{3}$		= 13.32 m ³
4.70 X	$\frac{(0.97 + 1.97)}{2}$		$\times \frac{(0.80 + 1.30 + 0.90)}{3}$		= 6.91 m ³
2 X	0.80 X	$\frac{(0.60 + 1.20)}{2}$	$\times 0.60$		= 0.86 m ³
5.70 X	$\frac{(3.0 + 4.37)}{2}$		$\times \frac{(1.50 + 1.80 + 0.80)}{3}$		= 28.71 m ³
8.00 X	$\frac{(0.9 + 1.60)}{2}$		$\times 0.70$		= 7.00 m ³
1.50 X	$\frac{(0.50 + 1.65)}{2}$		$\times \frac{(1.50 + 0.80)}{2}$		= 1.85 m ³
3.80 X	$\frac{(0.75 + 2.22)}{2}$		$\times \frac{(0.80 + 1.70 + 1.90)}{3}$		= 8.28 m ³
12.00 X	$\frac{(1.20 + 2.15)}{2}$		$\times \frac{(1.30 + 0.60 + 1.10 + 0.80)}{4}$		= 19.10 m ³

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
4.50 X	$\frac{(0.50 + 1.20)}{2}$			0.70	= 2.68 m ²
2 X 1.00 X	$\frac{(0.50 + 1.40)}{2}$			0.90	= 1.71 m ²
3.30 X	$\frac{(1.10 + 1.87)}{2}$			$\frac{(0.80 + 1.10 + 0.70)}{3}$	= 4.39 m ²
5.00 X	$\frac{(0.60 + 2.20)}{2}$			$\frac{(0.90 + 2.10 + 1.80)}{3}$	= 11.20 m ²
3.50 X	$\frac{(0.60 + 2.48)}{2}$			$\frac{(1.50 + 0.90 + 1.30)}{3}$	= 6.65 m ²
2.50 X	$\frac{(1.50 + 2.53)}{2}$			$\frac{(0.60 + 1.10 + 1.40)}{3}$	= 5.21 m ²
5.30 X	$\frac{(1.0 + 1.50)}{2}$			0.50	= 3.31 m ²
4.30 X	$\frac{(1.10 + 2.47)}{2}$			$\frac{(1.70 + 1.80 + 0.90)}{3}$	= 10.94 m ²
5.00 X	$\frac{(1.10 + 2.37)}{2}$			$\frac{(1.50 + 1.80 + 0.80)}{3}$	= 11.51 m ²
6.70 X	$\frac{(1.10 + 2.13)}{2}$			X	
	$\frac{(0.50 + 0.70 + 1.90 + 0.60)}{4}$				= 11.09 m ²
3.80 X	$\frac{(1.0 + 1.30)}{2}$			X 0.30	= 1.31 m ²
1.50 X	$\frac{(0.90 + 1.65)}{2}$			$\frac{(0.80 + 0.70)}{2}$	= 1.43 m ²
2.00 X	$\frac{(1.10 + 2.63)}{2}$			$\frac{(1.90 + 2.10 + 0.90)}{3}$	= 5.93 m ²
1.20 X	$\frac{(0.75 + 1.55)}{2}$			$\frac{(0.70 + 0.90)}{2}$	= 1.10 m ²
1.80 X	$\frac{(0.75 + 1.40)}{2}$			$\frac{(0.50 + 0.80)}{2}$	= 1.26 m ²
2.20 X	$\frac{(0.30 + 0.80)}{2}$			X 0.50	= 0.61 m ²
3.00 X	$\frac{(0.50 + 1.60)}{2}$			$\frac{(1.50 + 0.70)}{2}$	= 3.47 m ²
9.30 X	$\frac{(1.0 + 1.40)}{2}$			X 0.40	= 4.46 m ²
5.40 X	$\frac{(1.10 + 1.75)}{2}$			$\frac{(0.60 + 0.90)}{2}$	= 5.57 m ²
3.50 X	$\frac{(0.80 + 1.70)}{2}$			$\frac{(0.70 + 1.10)}{2}$	= 3.94 m ²
1.50 X	$\frac{(0.50 + 1.40)}{2}$			X 0.90	= 1.28 m ²
5.40 X	$\frac{(1.50 + 2.10)}{2}$			$\frac{(0.40 + 0.80)}{2}$	= 5.83 m ²
29.30 X 4.00 X	$\frac{(0.50 + 0.60 + 0.50)}{3}$				= 78.13 m ²
3.30 X	$\frac{(2.0 + 5.60)}{2}$			X 3.60	= 45.14 m ²

Continuation

Continuation

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
<u>ABSTRACT OF COST.</u>					
① PW Base bats including spreading laying compacting with C & Hammer all Count sh. as per Specification and dimension of 21					
Qty vide log No - ①9					
————— 4221.224 ³					
OR, 1722.8614 ³ R. 8203863.00					
R. 8203863.20					
Add up to 12.4. ————— R. 984463.20					
—————					
Leak line 1-1. ————— R. 82039.20					
S. Fee 104. ————— R. 602802.20					
R. 98,78165.20					
Say R. 98,77800.00					
For 21/4/21 HE Total 214/21 21					
05.04.21 E.C					