

2023-2024

# Schedule XLV-Form No. 134

S0170 PWD Sonali Path TO  
Sonapur Road

FDR

DIVISION

A. Tam Nagari

SUB-DIVISION

M.B.No-205

MEASUREMENT BOOK

प्रामाणिक किया जाय है कि इस  
मापी पुस्त में कुल 100 पन्नों  
अंकित हैं। जिस सहायक  
अभियंता आजमनगर के  
नाम से निर्गत किया जाय है

(11/11/23)

Executive Engineer  
Rural Works Department  
Works Division Manihar

Sch. XLV—Form No. 134

मनिहारी DIVISION  
आजमनगर SUB-DIVISION

## Measurement Book

No.

Name of Officer \_\_\_\_\_

Date of first entry \_\_\_\_\_

Date of last entry \_\_\_\_\_

| Particulars | Details of actual measurement |    |    |    | Contents of area |
|-------------|-------------------------------|----|----|----|------------------|
|             | No.                           | L. | B. | D. |                  |

① construction of embankment with approved materials - do all up the line

R/S -  $2 \times 15 \times \left( \frac{1.50 + 4.10}{2} \right) \times \left( \frac{1.10 + 3.60}{2} \right) = 197.40 \text{ m}^3$   
 $1 \times 5 \times 2.80 \text{ m} \times 2.35 \text{ m} = 32.90 \text{ m}^3$

R/S -  $1 \times 12 \times \left( \frac{1.60 + 3.90}{2} \right) \times 2.00 \text{ m} = 66.00 \text{ m}^3$

L/S -  $1 \times 21 \times \left( \frac{1.70 + 4.0}{2} \right) \times \left( \frac{2.10 + 2.80 + 3.2}{2} \right) = 161.60 \text{ m}^3$

L/S -  $1 \times 11 \times \left( \frac{1.50 + 3.8}{2} \right) \times \left( \frac{1.70 + 2.40 + 2.10 + 2.80}{2} \right) = 69.30$

②  
Total =  $527.20 \text{ m}^3$

Scanned with CamScanner

Continuation

| Particulars                                                                                                                | Details of actual measurement |    |    |    | Contents of area |
|----------------------------------------------------------------------------------------------------------------------------|-------------------------------|----|----|----|------------------|
|                                                                                                                            | No.                           | L. | B. | D. |                  |
| <u>Revised measurement</u>                                                                                                 |                               |    |    |    |                  |
| ① Labour for filling empty cent bags with local soil.                                                                      |                               |    |    |    |                  |
| Total Length = R/S - 47m                                                                                                   |                               |    |    |    |                  |
| 2/S - 32m                                                                                                                  |                               |    |    |    |                  |
| Total = 79 m                                                                                                               |                               |    |    |    |                  |
| Height = $\left(\frac{2 + 0.64}{2}\right) = 1.30m$                                                                         |                               |    |    |    |                  |
| volume = $79 \times 1.30 \times 0.19 = 19.513$                                                                             |                               |    |    |    |                  |
| Total bag = $\frac{19.513}{0.64 \times 0.30 \times 0.19} = 573.91$                                                         |                               |    |    |    |                  |
|                                                                                                                            |                               |    |    |    | = 574 bags       |
| <div>MDR<br/>14/10/23<br/>SC</div> <div>14/10/23<br/>SC</div>                                                              |                               |    |    |    |                  |
| <u>Revised measurement</u>                                                                                                 |                               |    |    |    |                  |
| ① Laying and placing brick bats all over complete 206                                                                      |                               |    |    |    |                  |
| L/S $1 \times 21 \times \left(\frac{1.70 + 1.0}{2}\right) \times \left(\frac{2.20 + 2.80 + 3.20}{3}\right)$                |                               |    |    |    | = 161.60         |
| L/S $1 \times 11 \times \left(\frac{1.70 + 3.20}{2}\right) \times \left(\frac{1.70 + 2.10 + 2.40 + 2.80}{4}\right)$        |                               |    |    |    | = 69.30          |
| R/S $1 \times 35 \times \left(\frac{1.50 + 3.00}{2}\right) \times \left(\frac{1.0 + 3.60}{2}\right) = 930.30 m^3$          |                               |    |    |    |                  |
| R/S $1 \times 2 \times \left(\frac{1.60 + 3.90}{2}\right) \times \left(\frac{1.90 + 2.40 + 2.20 + 1.90}{4}\right) = 66.75$ |                               |    |    |    |                  |
| Total = 527.20 m                                                                                                           |                               |    |    |    |                  |
| <div>MDR<br/>14/10/23<br/>SC</div> <div>14/10/23<br/>SC</div>                                                              |                               |    |    |    |                  |

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