

3 Prepare for ramming



Prepare to carry the soil for ramming.





Checklist

I Material

Was the soil mixture found appropriate by the tests ?

II Foundation

- Excavated 3 feet depth trench to construct a foundation ?
- Maintained appropriate overlapping length of the rebar for the footing? (It should be more than 3ft for the main rebar of the RC footing and more than 2ft for the vertical rebar)
- Placed vertical rebars at all the necessary locations ?
- Maintained enough concrete cover for the RC foundation ? (It should be more than 3 inches)
- Was concrete filled up properly around the vertical rebar ?
- Kept the adequate concrete curing period ?

III RC band and post

- Maintained appropriate overlapping length ?(It shall be more than 3ft for the main rebar of the RC band and more than 2ft for the RC post)
- Maintained enough concrete cover for the RC band ? (It should be more than 2 inches)
- Was concrete filled up properly around the vertical rebar ?
- Kept the adequate concrete curing period ?

IV Rammed earth

- Was any provision kept for fixing ju-shings ?
- Was the soil compacted until it is 2 inches thick ?
- Was the soil around the RC post compacted well ?
- Were the formworks arranged in a staggered pattern ?

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The Manual for Construction of **RAMMED EARTH**



