



- (8) If the pit is filled up the plate is removed and it is closed and left for 2 years. After 2 years, it becomes suitable for use as manure.
- (9) The plate thus removed may be placed over another pit.
- (10) The cost in super structure depends upon the type of material used.
- (11) The minimum distance of water source (tube well, dug well, sanitary well, pond etc) from latrine should be 10 m.
- (12) Toilet should not be constructed in waterlogged/ submerged land. The plinth height of toilet should be minimum equal to the plinth of the house.

#### Offset Single Pit Water Seal Latrine:

- (1) This latrine comprises one water seal P-trap, circular/ rectangular plate, Junction chamber and toilet room. The pit is connected by a drainpipe to the pan through a junction chamber. This type of latrine works like double pit latrine (2nd pit can be connected later on.)
- (2) The size of the plate is 1.2 m in length x 1 m in width and the floor of the latrine is 1 m x 1 m. The size of the pit is 1 m depth x 90 cm diameter. Brick lined pit can be constructed over 3" thick foundation.
- (3) The pan is fitted with plate and should have a steep slope and water seal.
- (4) It is a water seal latrine and is free from foul smell, so it can be constructed near a house.
- (5) The super structure of a latrine can be made out of sack, bamboo, polythene sheet, straw mat, etc.
- (6) If a family of 5-8 persons uses this latrine daily, it will be filled up in 2-3 years.
- (7) A second pit can be made a little away from the 1st pit and can be connected to the pit through junction chamber. When the second pit is filled up, the first pit is cleaned with hand as there is manure now and the flow through the drain pipe from the pan can be opened to the first pit.
- (8) The minimum distance of water source (tube well, dugwell, sanitary well, pond etc) from latrine should be 10 m.
- (9) Toilet should not be constructed in water logged/ submerged land. The plinth height of toilet should be minimum equal to the plinth of the house.

The details of various quantities required for two different types of individual house hold latrine is given below.

#### On Pit Latrine

1. RCC Ring:

##### Dimensions

Height = 1 ft , Inner width= 3 ft, Thickness = 1.5 inch,  
Horizontal Rings =3nos, Vertical Stay= 9 nos

##### Quantities

Cement = 8 kg ,  
G I = 950 gms ,  
Sand = 0.375 cft,  
Bajuri = 0.375 cft,  
Chips = 0.25 cft,  
Binding Wires = 50 gms



PAN AND TRAP ASSEMBLY

Pan and Trap Assembly

2. Rectangular Squatting Plate:

##### Dimensions

Length = 1.2 m , Inner width= 1 m, Thickness= 40 mm,

##### Quantities

Cement = 19.63 kg, 6 mm MS rod = 3.52kg, Sand = 0.83cft,  
Chips = 1.66 cft, Binding Wires = 50 gms

4. Total Quantities for 4 RCC rings and one rectangular squatting plate  
Cement = 51.63 kg, GI = 950gms, Sand = 2.33 cft, Bajuri = 1.5 cft, Chips = 2.66 cft, Binding Wires = 250 gms, 6mm MS rod = 3.52kg
5. Pan-1 (Ceramic, Mosaic or PVC), Trap-1, Foot rest-2 (Either Ceramic or Mosaic)

#### Off Set Single Pit Latrine

1. RCC Ring:

##### Dimensions

Height = 1 ft , Inner width= 3 ft, Thickness = 1.5 inch,  
Horizontal Rings =3, Vertical Stay= 9

##### Quantities

Cement = 8kg, GI = 950gms, Sand = 0.375 cft, Bajuri = 0.375 cft, Chips = 0.25 cft, Binding Wires = 50 gms

2. Rectangular Squatting Plate:

##### Dimensions

Length = 1.2 m , Inner width = 1 m, Thickness= 40 mm,



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