



OFFICE OF THE: SORBHOG MUNICIPAL BOARD  
P.O. - Sorbhog, Dist. - Barpeta (Assam), PIN - 781317  
Email: sorbhogtc@yahoo.com

Date: 27.03.2026

No. SMB/Misc-03/2025-26/ 1263

## NOTICE

### Mandatory Construction of Septic Tanks as per IS 2470

It is hereby notified for general information of all residents, house owners, builders, and institutions within the jurisdiction of Sorbhog Municipal Board that all septic tanks shall be constructed strictly in accordance with the provisions of IS 2470 to ensure proper sanitation and environmental safety.

#### Directives:

1. **Mandatory Compliance:**

All new septic tanks must conform to IS 2470 standards.

2. **Approval Requirement:**

Prior approval of septic tank design and layout must be obtained from the Municipal Board before construction.

3. **Prohibition:**

Construction of undersized, single-chambered, or unscientific septic tanks is strictly prohibited.

4. **Existing Structures:**

non-compliant septic tanks must be upgraded/modified within a reasonable time as notified by the Board.

5. **Inspection & Penalty:**

The Municipal Board reserves the right to inspect and take necessary action, including penalties, against violations.

6. **Public Health:**

Improper septic tanks may lead to groundwater contamination and health hazards; hence compliance is mandatory.

All concerned are hereby directed to follow the specifications provided in **Annexure-I**. Failure to comply shall invite action as per applicable municipal and environmental laws.

By Order

Executive Officer  
Sorbhog Municipal Board  
Sorbhog

Executive Officer  
Sorbhog Municipal Board  
Sorbhog

Chairperson  
Sorbhog Municipal Board  
Sorbhog

Chairperson  
Sorbhog Municipal Board  
Sorbhog

Date: 27/03/26

Place: Sorbhog

## ANNEXURE – I

### Technical Guidelines for Septic Tank Construction (As per IS 2470)

#### 1. General Design

- Septic tanks shall have minimum two chambers.
- Length : Breadth ratio shall be between 2:1 and 4:1.
- Minimum liquid depth: 1.0 m to 1.5 m.
- Freeboard: Minimum 300 mm.

#### 2. Capacity & Sizing

- Capacity shall be based on number of users.
- Minimum detention period: 24–48 hours.
- Provision for sludge storage for at least 1–2 years.

#### 3. Construction Requirements

- Tank shall be constructed with watertight materials (brick masonry/RCC).
- Internal surfaces shall be cement plastered to prevent leakage.
- Base shall be impervious.
- Top cover shall be RCC slab with manholes for cleaning.

#### 4. Inlet and Outlet

- Inlet and outlet shall be provided with T-pipes or baffles.
- Proper level difference must be maintained to ensure smooth flow.

#### 5. Ventilation

- A vent pipe (minimum 50 mm diameter) shall be provided.
- Vent pipe shall have mosquito-proof cowl.

#### 6. Effluent Disposal


- Septic tank shall be connected to:
  - Soak pit, OR
  - Dispersion trench system
- Direct discharge into open drains or water bodies is strictly prohibited.

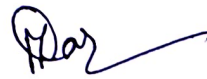
#### 7. Location Criteria

- Septic tank shall be located at a safe distance from:
  - Drinking water sources (wells, tube wells)
  - Building foundations
- It shall be easily accessible for desludging.

#### 8. Maintenance

- Periodic desludging shall be carried out (generally every 1–2 years).
- No solid waste, plastics, or non-biodegradable materials shall be disposed into the system.

  
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Sorbhog Municipal Board  
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Chairperson  
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