23/10/02

# BRIEFING ON SECURITY OF WATER STORAGE TANKS

## 7, 16 & 23 Oct 2002

## Public Utilities Board

### Security & Maintenance of Water Storage Tanks

- All Town Councils/MCSTs/building owners are responsible for the security and maintenance of their water service installations to ensure water conveyed is fit and safe for drinking.

### Maintenance of Water Storage Tanks

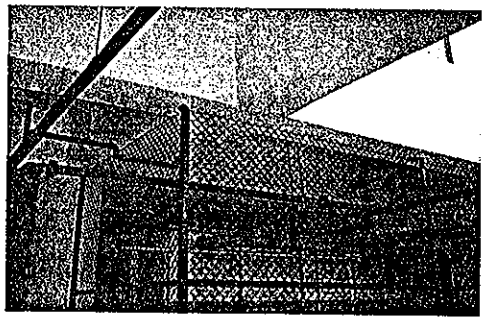
- To engage Licensed Water Service Plumber at least once every year to inspect and if necessary, clean and to certify water storage tanks.
- Conduct regular checks and keep proper records.

### Security of Water Storage Tanks

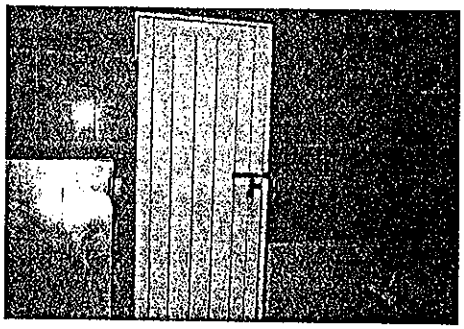
All Town Councils/MCSTs/building owners shall ensure that :

- No unauthorised personnel has access to water tanks and its ancillary equipment as well as the premises where these are located.
- Storage tanks and its ancillary equipment as well as the premises where these are located are kept properly locked at all times.

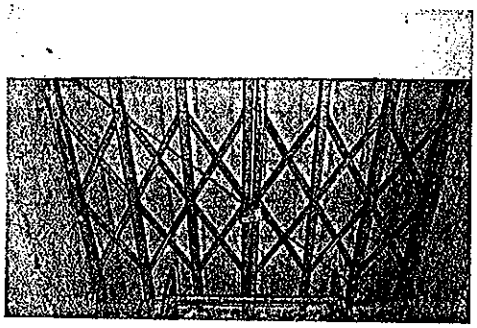
Security Fence Around Water Tanks All The Way Up To Ceiling



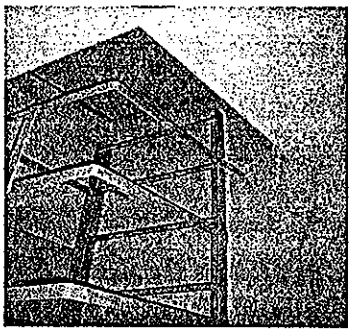
Access To Low-Level Tanks Locked



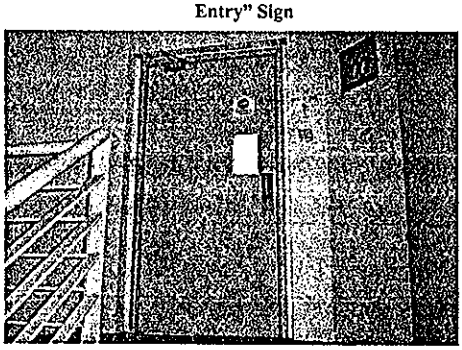
Access To High-Level Tanks Locked



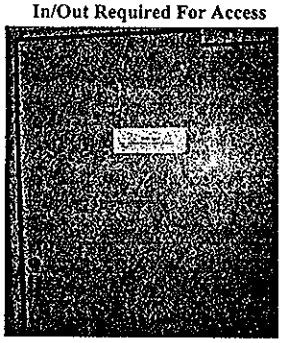
Access To High-Level Tanks Locked



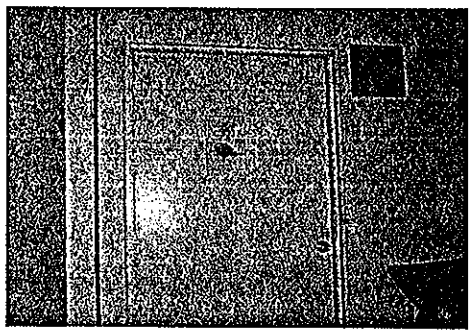
Access To High-Level Tanks Locked And Posted With "No Entry" Sign



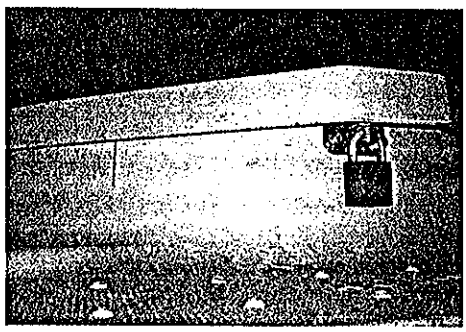
Signs On Access Door To Tanks Indicating Sign In/Out Required For Access



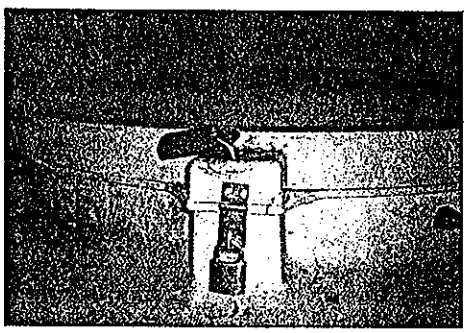
Reminder Sign On Access Door To Tanks



Tank Cover Locked



Tank Cover Securely Locked



## Security of Water Storage Tanks

- Closer supervision of contractors.
- Implement on-site sign in/sign out by contractors.
- Fault reporting system - contractors and public.
- Constant reminders to contractors through circulars.
- Good quality locks.
- Fixing chainlink to padlocks to prevent loss.
- "No Unauthorised Entry" signs.
- On-line alarm/alert system.

## Security of Water Storage Tanks

- Conduct regular checks & keep proper records.
- Report any contamination of water or unauthorised access to water tanks to PUB immediately.

**Call PUB-One 24-hour toll free hotline:**

**1800-2846600**

## Security of Water Storage Tanks

Notwithstanding compliance with security guidelines/legislations, should contamination be suspected:

- immediately isolate affected systems & concurrently report to PUB
- keep affected customers informed
- flush and clean affected systems
- carry out sampling to test water quality to ensure that water is safe for drinking

## Security of Water Storage Tanks

- Ensure only authorised access to water tanks and ancillary equipment.
- Ensure tanks and ancillary equipment and the premises where they are located are properly and securely locked at all times.
- Conduct regular checks to ensure water tanks and ancillary equipment are properly maintained and secured at all times.
- Keep proper records of regular checks.
- Report any water contamination or unauthorised access to tanks to PUB immediately.

## Legislation

**Public Utilities Act - Section 45(1)**

"Any person responsible for the maintenance of any water service installation shall ensure that the water service installation is properly maintained, kept in a fit and safe condition, and free from any defect."

*Singapore Laws Online* - http://agcvldb4.agc.gov.sg

## Security & Maintenance of Water Storage Tanks

For more information or assistance you may call any of the following PUB officers:

- **Mr Ng Han Tong**
  **6-731-3566**
- **Mr Ramahad Singh**
  **6-731-3406**
- **Mr Thomas Pang**
  **6-731-3556**