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Guidelines for the Control of Legionella using Chlorine Tablets:

In water tanks: The building should be empty when Chlorine Tablets are used

1. The building's cold water storage tank should be drained, often with the aid of a submersible pump for larger storage tanks.
2. The water tank is then thoroughly cleaned using appropriate Chlorine based Detergent Sanitiser - Tablets (PN501) using warm water and scrubbing brushes etc.
3. The tank is then rinsed and refilled with potable (mains) water, with chlorine tablets (PN501 or PN503) added to achieve 60ppm free available chlorine (1 tablet per 16.6 litres of water – 16 tablets per 1,000 Litres if using PN501) or (1 Tablet per 25 Litres or 40 tablets per 1,000 Litres if using PN503). Tablets can be **pre dissolved in warm water** to speed up dissolution time.
4. Add tablet solution to water tank and stir to ensure chlorine dispersal. Shut off mains water supply before opening all taps, showerheads and other outlets. Always keep water tank checked and repeat chlorine dosing if tank is drained. Test the water at the taps & other outlets until at least a 50ppm of free available chlorine shows using a chlorine test kit.
5. Leave for at least 15 minutes before draining the system again and re-dosing with chlorine a second time and left for at least 1 hour contact time, and re tested. Should the free chlorine have fallen below 40ppm, the tank is neutralized, drained and steps 3 and 4 are repeated. If the free chlorine level is above 40ppm the tank can be either neutralised and drained or refilled with fresh water and drained to flush out the water system.

These Guidelines are provided without any implied warranty or indemnity.

- The operator should check that the guidelines and application are suitable for their application.
- This rough guide does not include variations and information on correcting pH levels.
- Should you contract a company to clean your cold water tanks, you should ask for independent certification to ensure the operatives have received a suitable level of training prior to commencement of the works.