

## ASSOCIATED DOCUMENTS

- 1. EndoSan5 MSDS.
- 2. Working at heights risk assessment.
- 3. EndoSan Cleaning and Disinfection Procedure.

## **OBJECTIVE**

This assessment considers the disinfection and hygiene maintenance associated with new safety showers supplied by a 2,200 litre tank. The tanks are in locations where the water may not be used for long periods of time and may be stored at high ambient temperature.

## COMMISSIONING PERIOD

A system log book where the initial clean /disinfection, weekly test results, quarterly TVC's and annual tank inspections are recorded should be made available with each system.

Prior to commencing any treatment the cold water storage tank and the shower should be cleaned of factory debris (wipe round), filled with clean water and the system and contents disinfected with EndoSan5. We recommend that 3 litres of the product should be added to the tank and this should be run through the shower for 2 minutes. A completion document for this initial clean and disinfection should be signed and included on the system log book. Please check that the hydrogen peroxide level in the CWST is > 50 ppm before commissioning the shower.

## SYSTEM MAINTENANCE

The hydrogen peroxide level should be tested weekly using a simple test strips. Testing should be done in the water in the tank each week and the level recorded. When the hydrogen peroxide level is less than 30 ppm on the test strip add 1 litre of EndoSan5 to the tank to bring the hydrogen peroxide level back up to 50 ppm.

The TVC of the water in the tank should be tested quarterly to ensure that there is no microbiological activity. These test results should be recorded in the site log book.

In accordance with the ACOP the water tank should be inspected and an inspection report written and maintained in the system log book.

This report should include photographs of the internal and external condition of the tank, tank water quality and tank silt level, tank lid and insulation. The tank should be cleaned and disinfected when the annual inspection indicates that tank cleaning is required.

**Notes.** Please take care when climbing ladder to the tank. Carry small volumes of chemical up ladder to tank. Ensure that PPE worn is in accordance with MSDS information.