



Water Hygiene Field Guide

Pre-Start

→ **Pre-start briefing / Risk Assessment** – think about what ACTIONS you will perform to manage the risk of contamination of drinking water

→ **Is everyone trained?** If you haven't completed the training, you cannot work on drinking water assets



Chlorination
Clothing
Clean pipes
Clearance
Cleanliness

→ **Do you have your water hygiene kit?**



Replenish the items as you use them



Spray boots, tools and fittings. Keep tools and fittings off the ground

→ **How to use chlorine safely**

- Label the spray bottle clearly (e.g. 'High strength chlorine solution')
- Use gloves and safety glasses when using chlorine solution
- Dissolve tablet in 1L of water
- Use only outdoors or in a well-ventilated area
- Avoid breathing in spray or mist
- Spray onto surfaces requiring disinfection
- Do not eat, drink or smoke when using the solution
- Make fresh solution every 7 days
- Dispose of solution appropriately/avoid environmental release

Refer to the MSDS for further information.

How to use the 5Cs to prevent contamination of drinking water

→ Chlorination

Chlorine kills bacteria - Spray your boots, tools and the fittings with chlorine

→ Clean pipes

Inspect the pipes - Are the pipes clean? If not, clean out traces of dirt and grime

→ Clearance

Maintain an air gap - Wherever possible, maintain clearance under pipes. If clearance can't be achieved, maintain positive pressure and use a pump to dewater

→ Cleanliness

Keep your tools clean, and practise good hygiene - Keep your tools, equipment and worksite clean. Work in a clean manner onsite. Use a plastic or rubber mat on the ground to store tools, fittings and pipes before use

→ Clothing

Maintain clean clothing - Before working on drinking water assets, ensure clothing is reasonably clean and free of sewage

After the job, flush the pipes

Has contamination occurred?

- Notify Supervisor
- Consider comprehensive flushing
- Consider chlorine dosing

