



Quick Guide

Decontamination Showers

▶ WHAT ARE THEY?

Decontamination showers form part of a company's Personal Protective Equipment (PPE) provision. They are designed to remove contaminants from protective clothing to eliminate the risk of contamination of the worker themselves - and from them passing contaminants to colleagues - when removing the clothing. They differ from safety showers in that they are to be used as part of normal everyday procedures rather than being designed as emergency equipment which, hopefully, never needs to be used.

▶ HOW DO THEY WORK?

Decontamination showers consist of a series of nozzles delivering directional cones of relatively fine spray. This nozzle arrangement is optimised to ensure maximum contact with the person using the shower, ensuring a thorough clean. The droplet size from the sprays is kept small so as to improve the surface area of the fluid but is kept large enough to avoid misting, which might cause contaminated water to drift from the shower. Showers are made of stainless steel for hygiene and can be fitted with extra accessories such as water spray scrub brush, catchment basins, usage alarms and swivelling and fixed rollers so the shower can be easily moved to areas where they are needed.



The **Safety Shower People** supply a wide range of decontamination showers and equipment. Call us today to discuss your emergency shower requirements.

▶ APPLICATIONS

Decontamination showers are used across a range of industries where workers are exposed to hazardous materials, be they in liquid, powder or gas. They are designed for everyday use.

▶ CONSIDERATIONS

When deploying a decontamination shower, consideration needs to be given to how the run-off water is dealt with. Clearly this fluid will be contaminated and, depending on the nature of the contaminant, may need to be captured for proper disposal. All our decon showers have the option of a catchment basin to prevent any accidental run-off during the decontamination process.



Catchment basin