



## Water supply alterations, Lush Factory, Poole, Dorset.



### Background

Lush is a cosmetics company headquartered in Poole specialising in the manufacture of handmade products from natural sources. There are more than 600 stores in 43 countries selling face masks, soaps, bath ballistics, hand, hair and body lotions & treatments, all produced at the Poole factory. The business has expanded consistently over recent years and this has had an impact on the production facilities, much of which had evolved to meet product needs. A review of the plant indicated that a number of upgrades needed to be made to the existing plant to make it comply with water regulations.



### Issues Identified

- Insufficient air gaps over mixing vats
- Mains fed hoses submerged into mixing vats
- Non compliant safety valves on hot water tanks
- Dead legs in pipe system
- Urinals in washrooms using automatic drip-fed flush



### Works

Upgrades were made to the factory site to bring it up to water regulation standards.

- Fixed taps installed over vats to ensure an adequate air gap
- Discharge valves in the hot water system replaced
- Pipe dead legs in the system removed
- Electronic urinal controls installed to prevent wastage

