

## Good Hygienic Design Principles for Pharmaceutical Manufacturing



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By

**Oct 23, 2019 3:00 pm EDT**

As well as addressing contamination, a hygienically designed pharmaceutical manufacturing facility is also cost effective and sustainable for other reasons. First, the well-designed facility may reduce labor costs as less time and effort are required to clean and disinfect and secondly, such a facility may allow for cost savings in terms of the consumption of water, cleaning agents/disinfectants, as well as the energy required to heat the cleaning and disinfection solutions. This becomes doubly complex when adopting continuous manufacturing which requires additional flexibility in adapting internal...

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