

Design and implementation of a regular handwashing sink integrated with multiple utilities

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Abstract: In the context of increasingly emphasized hand hygiene, this topic aims to address the problem of improving efficiency and convenience in the handwashing process through the design and deployment of a regular handwashing sink integrated with multiple utilities. Through theoretical research on environmental hygiene and experimentation with test samples, this topic seeks to develop a comprehensive solution that meets user needs while minimizing maintenance costs. Thereby, the project is expected to contribute to the field of integrated information technology in industrial hygiene systems.

Keywords: Handwashing sink, environmental sanitation, information technology, utilities, project design.