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14 A 12-Step Program for Avoiding Liability for Hot Water Injuries
Donald Wise, PE

The author translates his experience investigating injuries, property losses, and commercial contract claims relating to buildings and construction activities into these 12 steps that plumbing engineers can take to help avoid legal problems related to hot water systems.

28 Best Practices for Water Purification System Design
Jeffrey Denoncourt

In a laboratory facility, water quality needs can range from general laboratory grade to ultrapure. This article explains the main types of water contaminants and the technologies used in most water purification systems to remove them, and offers a four-step approach to designing a water purification system that meets the purified water requirements for a laboratory facility.

38 Keeping Hot Water Hot
Harold Olsen

Learn the fundamentals to designing a hot water recirculation system to help building owners avoid potential problems such as improperly sized water heaters, unrealistic energy, water, and wastewater charges, problems with mixing valves, and loss of customers or tenants.
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