

Solid Chemical Feed System Avoids Treatment Problems at Remote Boiler Location

Challenge

This Midwest community college had added a small packaged boiler in a remote location to supply low-pressure steam to its culinary program kitchen. The boiler uses softened makeup. In addition to its difficult access, the remote location had insufficient space for the installation of a standard chemical feed station or mini-bulk delivery system. The college also wanted to avoid on-site handling of pails and drums.

Solution

GE Water & Process Technologies had been treating other water utilities on this campus for many years. The company recommended the installation of a wall-mounted RediFeed* solid chemical feed system to supply the feedwater with OptiGuard* MCA630, a complete boiler system treatment program that controls hardness deposits and corrosion with a single, concentrated product. The compact RediFeed system eliminates direct contact during normal handling and automatically prepares and dispenses a chemical solution.

Results

The RediFeed system eliminated the handling problems and safety concerns associated with moving pails and drums of liquid chemicals across campus to the remote boiler location. An adequate inventory of solid chemical product can now be maintained conveniently close to the point of use without the risk of spills and contamination.

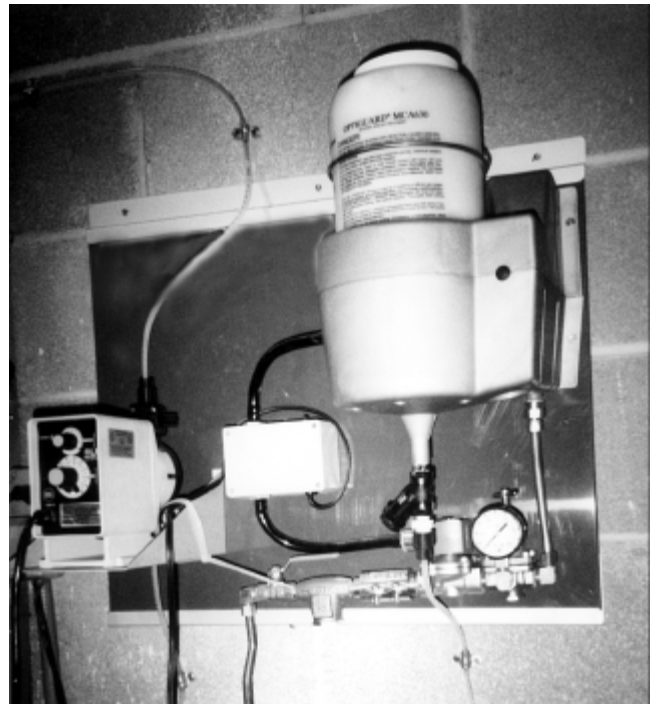


Figure 1: Wall-mounted RediFeed unit automatically dispenses OptiGuard MCA630 for boiler treatment.



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