

New York City Housing Authority Harlem, New York

BoilerPlex Installation



OVERVIEW:

Despite having a chemical treatment program in place, this City Agency's steam boilers were heavily scaled. The boiler feed lines were scaled, and under load, on low water, the boilers frequently shut down. As a consequence, the boilers consumed excessive fuel and required disproportionate maintenance every year to remove scale.

ACCOMPLISHMENTS:

We redesigned the boiler room plumbing configuration to enable the feed water supply to form a complete loop, and installed a BoilerPlex. Existing scale in the boilers and the boiler water feed lines was completely removed. The scale was separated from the water and discharged. The boilers now operate at designed efficiency and no longer break down on low water. NYCHA saved \$11,000.00 on fuel in the first year alone.