

COMMON SCALE HIDING PLACES

BOILERS



According to the EPA, a fire tube boiler using 450,000 MMBtu of fuel (at \$8.00 per MMBtu) over 8,000 hours per year with 1/32 inch of normal scale translates to a yearly operating cost spike of more than \$70,000.

COOLING TOWER FILL



Another downside of unchecked scale is under-deposit corrosion. When this develops, it eats into the base metal which can cause tube or equipment failure.

PUMPS AND PIPING



When equipment is working harder to achieve the same output due to scaling, the increased pressure could affect the lifespan of your equipment.

EVAPORATIVE CONDENSERS & FLUID COOLERS



Scale accumulation can lead to energy inefficiency. Scale can act like an insulation barrier on the heat transfer surface, which can result in poor heat transfer. In this situation, a corresponding increase in energy usage is required to achieve the same output.

HEAT EXCHANGERS/CONDENSERS



Not only can scale cause corrosion in your equipment, but so can using an incompatible descaler. Goodway makes a variety of formulas including one for stainless steel.

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For more information on descaling, contact the experts at Goodway or visit <https://www.goodway.com/products/industrial-descaling-systems>