



ENESEAL Improves Cooling Tower Efficiency While Adding Corrosion Protection at Meat Packing Plant



When these two cooling towers - part of the refrigeration system for this meat processing and packing plant in Virginia - needed refurbishing, the facility called in their local ENECON Fulid Flow Systems Specialist for advice.

The original galvanized metal on the units, both measuring 8 feet by 1 foot and standing 15 feet high, had weathered over the years and had become very dull - resulting in efficiency losses to the system. In addition, there was some localized corrosion damage along the top edges due to a fine mist always present in this area.

The ENECON Field Engineer immediately suggested the use of the **ENECON ENESEAL HR**, pointing out that it would not only give the units a "brand new" appearance but that it would also result in improved efficiency to the system due to its unique **heat refractive capabilities**. And, this decrease in the internal

temperatures of the units would translate to immediate cost savings in reduced energy consumption.

The units were first blasted, removing all rust down to bare metal. After priming these areas, two coats of the ENESEAL HR were applied using 45:1 Bulldog Airless Spray equipment.

The units were coated during a warm period of the fall with daytime temperatures around 80° (27° C). As the coating of different sections was completed, the plant engineers were amazed at the appreciable temperature difference they could feel with their bare hands between untreated sections and the areas already coated with the ENESEAL HR.

Why just paint when you can use ENESEAL to not only improve aesthetics, but also reduce energy costs while improving cooling tower efficiency?

