

## HOTEL COOLING TOWER & HEAT EXCHANGER CLEANING

A beach side hotel was experiencing scale issues within their cooling tower and heat exchanger. After inspection, the main culprit was water scale that had accumulated within the plate & frame exchanger as well as the cooling tower fill. The cooling tower water had only 6° ΔT, the heat exchanger was achieving a 13° ΔT.

Circulating 100 gallons of **RYDLYME** through the system for 8 hours solved their cooling problem. After a water flush, the cooling tower & heat exchanger were returned to service. The cooling tower now had a 10° ΔT which was a 66% increase and the heat exchanger had a 28° ΔT which was a 115% increase! The hotel personnel were amazed at the difference! With the dramatic improvement in efficiency, the hotel was convinced to have **RYDLYME** as a preventative maintenance program for future cleanings! The cleaning tech walked in to a round of applause now that the AC was fully operational for the summer season!



### CHALLENGE

Water scale was creating cooling issues in a cooling tower & heat exchanger at a beach side hotel.

### SOLUTION

Circulating 100 gallons of **RYDLYME** was circulated for 8 hours with a water flush after the **RYDLYME** cleaning was completed.

### RESULTS

After the **RYDLYME** cleaning, the ΔT in the cooling tower increased 66% and the ΔT in the heat exchanger increased 115%!