

## CERTIFICATE OF COMPLETION & REPORT

### Section 1: Scope

**Project Description:**

Cooling Tower Top Replacement – With Coating  
[REDACTED]

Work Completion: Oct 25-27, 2019

**Scope of Work:**

Provide removal and proper disposal of the existing fan shroud and drift casing section of the cooling tower. Replace with like tower top and coat interior to prevent corrosion from occurring as quickly on new tower section.

### Section 2: Results

**Narrative & Findings:**

The fan shroud/drift casing section was delivered to our mechanical yard ahead of installation date where it was coated prior to installation. The day before installation, electrical was disconnected and bolts removed leaving plumbing connections only for the night so that spray pumps could keep up with building heat load for the night.

During day of installation, old tower top was craned off with new top craned in place. All old tower sealant was scraped off and replaced with new sealant. Fan motor was wired in and fan rotation was verified. Plumbing connections were made and system was restored to function.

### Section 3: Notes

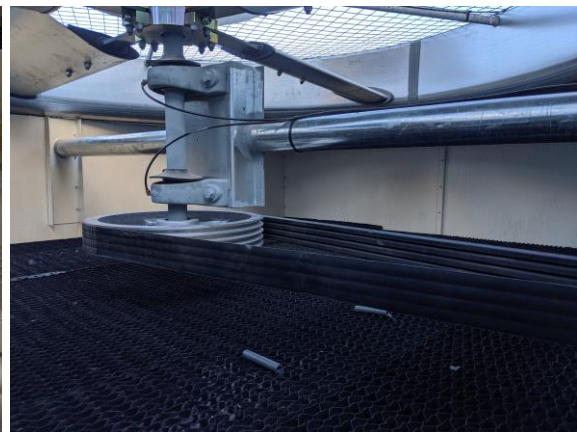
Recent mechanical reports from Cascade mentioned replacing belts. Both the fan motor and belts are new with the tower top. We did try to salvage the old motor as back-up but the cost to salvage the motor would have exceeded the value.

Next step for this facility would be to do routine yearly cleaning sometime in January. Tower should be in otherwise excellent shape for the next few years. Next media change out (fill and intake louvers) should be budgeted out for 4 years from now, and assessed yearly at that point. After every tower cleaning, we will also alert you to any new issues with the tower if there are any.

Thank you for your business!

Tower Top Replacement  
Close Out Report

**Section 4: Pictures**



Existing Drift Casing section (top), New Drift Casing as delivered (middle), New Drift Casing with coating (bottom).

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Tower was separated and craned off



Old sealant was removed and replaced with fresh sealant before the new top was set in place.