

SERVICE OVERVIEW

Cooling towers require scheduled preventive maintenance to ensure steady reliable performance. Lack of preventive maintenance can result in unplanned outages due to component failure, structural wear, and anything else that can affect the operation and/or cooling capacity of the tower. Plant outages provide the best opportunity (and sometimes the only opportunity) to perform a thorough tower inspection and perform any repair work, whether it is pre-planned or discovered during the inspection.

SPX Cooling Technologies has cooling tower technicians who perform thorough inspections and repairs. Such a thorough inspection will identify current and future repair needs. Inspection reports provided by SPX allow the customer to communicate repair needs to management to obtain funding for parts and labor required. SPX can assist the customer in developing both short-term and long-term budgets for parts and repairs that will preserve performance and extend the life of the cooling tower.



SPX SERVICES

- Professional inspections performed by cooling tower technicians
- Future pre-scheduled inspection to track tower conditions over time
- Written inspection reports
- Perform preventive maintenance tasks and address any small repair needs discovered during the inspection
- Budgeting for short and long term recommendations

Inspection Scope:

- Mechanical components (gearbox, motor, driveshaft, fan)
- Structural components (FRP/wood)
- Heat transfer and water distribution systems (fill, piping)
- Casing and air inlet systems
- Gearbox elements (oil seals, etc.)
- Structure and hardware (bolts)
- Drift Eliminators
- Nozzles
- Fan Cylinders
- Ladders/Stairways



SPX ADVANTAGE

SPX has dedicated construction crews whose only job is to inspect and repair cooling towers.

- OEM knowledge and experience
- Professional inspection reports
- Construction crews with specific cooling tower training and experience
- Award-winning safety
- Long-term solutions to minimize downtime and repairs
- Focus on thermal performance as the ultimate goal (going beyond maintenance and repair)



A TOTAL SOLUTION

You'll find a full suite of technical services available to help ensure your operation is efficient, optimized and compliant. Where applicable, our technicians and methodology abide by CTI and ASME guidelines; and regardless of process or procedure, our staff is dedicated to delivering the highest standards of quality and accuracy.

Ultimately, what SPX Cooling Technologies offers is the peace of mind that over a century of cooling tower experience can bring. Because we design, engineer, manufacture, and service world class cooling tower brands, it only stands to reason we understand them better, inside and out.

When you need consultative technical services for your cooling towers—whether it's to diagnose or upgrade individual units or entire systems—you need to remember only one name: SPX.



TECHNICAL SERVICES OFFERED

- GEARBOX DIAGNOSTICS AND REPAIR • THERMAL PERFORMANCE TESTING • MATERIAL TESTING • MECHANICAL SYSTEMS DIAGNOSTICS • FILL FOULING EVALUATION ANALYSIS
- SPECIFICATION DEVELOPMENT • OPERATOR TRAINING • OUTAGE MANAGEMENT
- TEMPORARY COOLING • EXTEND SERVICES • MARLEY OEM PARTS - KITS AND PACKAGES

SPX COOLING TECHNOLOGIES, INC.

7401 WEST 129 STREET
OVERLAND PARK, KS 66213 USA
913 664 7400 | spxcooling@spx.com
spxcooling.com

CTS-06 | ISSUED 05/2017

COPYRIGHT © 2017 SPX CORPORATION

In the interest of technological progress, all products are subject to design and/or material change without notice.

