

ENGINEERED PRODUCTS

Equipment and processes sometimes require specialty equipment, Custom engineering, designed, and manufactured equipment is available for these applications. Specialty equipment provided to our customers includes:

**HIGH PRESSURE / FLOW PUMP PACKAGES • PROCESS FLUID HEATING UNITS
HIGH FLOW TEMPERATURE CONTROL UNITS • PROCESS AIR HEATING AND COOLING
SOLVENT RECOVERY UNITS • LOW TEMPERATURE COOLING UNITS • BLOWN FILM COOLERS
MULTIPLE ZONE TEMPERATURE CONTROL SKIDS**

SYSTEM CONTROLS

Processes where closer tolerances, increase control or data collection are required, microprocessor based control systems are available. Utilizing Programmable Logic Controls (PLC), offsite monitoring, remote system controls, and interface with plant automation systems are all available. Control cabinets and system controls are designed and built to be compliant with NFPA 79 and NEC utilizing all UL and CE approved components.

ENGINEERED EFFICIENCY

Growing energy costs are driving manufacturers to look for ways to reduce power consumption. Process Cooling Systems, Inc. has the knowledge and experience to design new systems and retrofit existing systems for energy efficiency. This technology includes:

**VARIABLE FREQUENCY DRIVE • HIGH EFFICIENCY PUMPING
COOLING TOWER ECONOMIZERS "FREE COOLING" • CAPACITY VS. LOAD MONITORING /MODELING
DRY AIR COOLER ECONOMIZERS "FREE COOLING" • ENERGY SAVINGS CALCULATIONS
UTILITY INCENTIVE PROGRAM PARTICIPATION**



SYSTEM PERFORMANCE

SYSTEM EFFICIENCY

SYSTEM DESIGN

SYSTEM RELIABILITY

SYSTEM IMPROVEMENT

SYSTEM SOLUTIONS

FOR ALL YOUR COOLING SYSTEM NEEDS

Specializing in the Engineering, Manufacture and Installation
of Process Water Systems.

PROCESS COOLING SYSTEMS, Inc.

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Process Cooling Systems, Inc.

At Process Cooling Systems, Inc., our mission is to assist our customers in becoming leaders in their respective manufacturing fields. We accomplish this by providing high performance, reliable and energy efficient process water systems, and equipment. Our company and employees are committed to providing the highest quality product in design, installation, and after installation support.



INSTALLATION and PLANT PIPING

Fully staffed installation crews are what separate Process Cooling System, Inc. from the competition. These crews are licensed and insured with the experience and training to economically perform across the country. We provide a single source for the system design, equipment, and installation, delivering to the customer unparalleled quality and value.

System Installation

Process Water
Standard Compressed Air
High Pressure Compressed Air
Process Vacuum
Material Handling

Process Piping

PVC
CPVC
Stainless Steel
Steel
Copper

Other Services

Rigging
Structural Steel
Pipe Insulation
Pipe Painting / Labeling
Air Distribution / Ductwork
System Commissioning



COOLING TOWER and CHILLED WATER SYSTEMS

All systems are designed and built to meet the individual customer's requirements. Whether the need is to cool one machine or an entire plant, the system is designed, built, and installed to provide performance, reliability, and energy efficiency. For system expansions, existing equipment is utilized where possible without compromising the design.

**OPEN & CLOSED LOOP COOLING TOWER SYSTEMS
WATER COOLED AND AIR COOLED CHILLED WATER SYSTEMS**

DRY AIR FLUID COOLERS • CLOSED CIRCUIT EVAPORATIVE COOLERS • INDUSTRIAL HVAC

AFTER INSTALLATION SUPPORT

To support the customer after the installation, a full line of services are provided.

- System start-up, commissioning, and customer training
- System manual and As-Built drawings
- Customer support 24 hour/7days
- Remote system monitoring
- Extensive parts inventory
- Service contracts and preventative maintenance
- Fully staffed and licensed service department