



STANDARD ELECTRIC SUPPLY CO.

# WATER/WASTEWATER INDUSTRY SOLUTIONS

the integration of supply, service and support

## INDUSTRY SOLUTIONS

Here at Standard Electric Supply Co., we know that the water and wastewater industries face many challenges from aging infrastructure with minimal budgets to make necessary upgrades to cybersecurity.

Water is an important business. That is why we make it our business to provide you with sustainable and expandable solutions for the following water and wastewater industries:

- Water Treatment Plants
- Wastewater Treatment Plants
- Water/Wastewater Pumping Stations
- Water Pipelines and Transport

## BENEFITS

We offer a complete line of automation, control, and commodity products allowing you to maintain your plant's high environmental, public health, and safety standards.

- Motors and Motor Control products
- PLCs and HMIs
- Machine Safety products
- Enclosures
- Sensors
- Drives and Softstarts
- SCADA
- Switchgear

Let our team of Engineers identify possible solutions that will save your facility money and give you the ROI you need to justify the expense.

- Downtime Reductions
- Reliable Plant Operations
- Electricity Consumption Reductions
- Operating Cost Reductions
- Increased Energy Efficiency
- Operational Efficiency Improvement
- Maximize Productivity
- Regulatory Compliance

## A MOTORS

**Applications:** Sewage, Water Pumps, Solids Conveyor, Aeration Pumps, Solids Scraper, Skimmer Rotation, Rotating Filters, Lift Stations, Centrifuge Systems, Motor Operated Valves, Blower Motors

**Products:** AC Motors, Stainless Steel NEMA Motors



## B MOTOR CONTROLS

**Applications:** Pumping Stations, Grit Separators, Oil Skimmers, Basin Clarifiers, Aerators, Blowers

**Products:** Mechanical Relays, SSR Relays, Timers, Pushbuttons, Pilot Lights, Starters (IEC, NEMA), Disconnect Switches, Power Monitoring & Control, Voltage/Current Monitors, Light Stacks



## C PLCS AND HMIS

**Applications:** Control Rooms, Power Generation, Backup Generation, Clarifier Control, Sludge Monitoring

**Products:** PLC, PAC, Proprietary HMIs, IPCs, Node PCs, Industrial Monitors, Wireless Radios, Ethernet Switches, Gateways, Remote I/O, SCADA Software, Remote Connectivity Routers



## D MACHINE SAFETY

**Applications:** Bar Screen, Digester Monitoring, Gas Detection, Belt Conveyors, Screw Conveyors

**Products:** Safety PLCs, Safety Relays, Interlocks, E-Stops, Intrinsic Safety



## E ENCLOSURES

**Applications:** Control Rooms, Junction Boxes, Outdoor Rated Enclosures, Ozone Controls, Lift Station Controls

**Products:** Stainless Steel Enclosures, Operator Consoles, Wallmount, Non-Metallic HMI Solutions, PB Stations



## F SENSORS

**Applications:** Pumping Systems, Conveyors, Solids Detection, Liquid Level, Basin Monitoring, Rake Monitoring

**Products:** Proximity, Limit Switches, Level, Pressure, Temperature, Flow, Viscosity, Turbidity, Encoders



## G DRIVES AND SOFTSTARTS

**Applications:** Pumps, Blowers, Conveyors

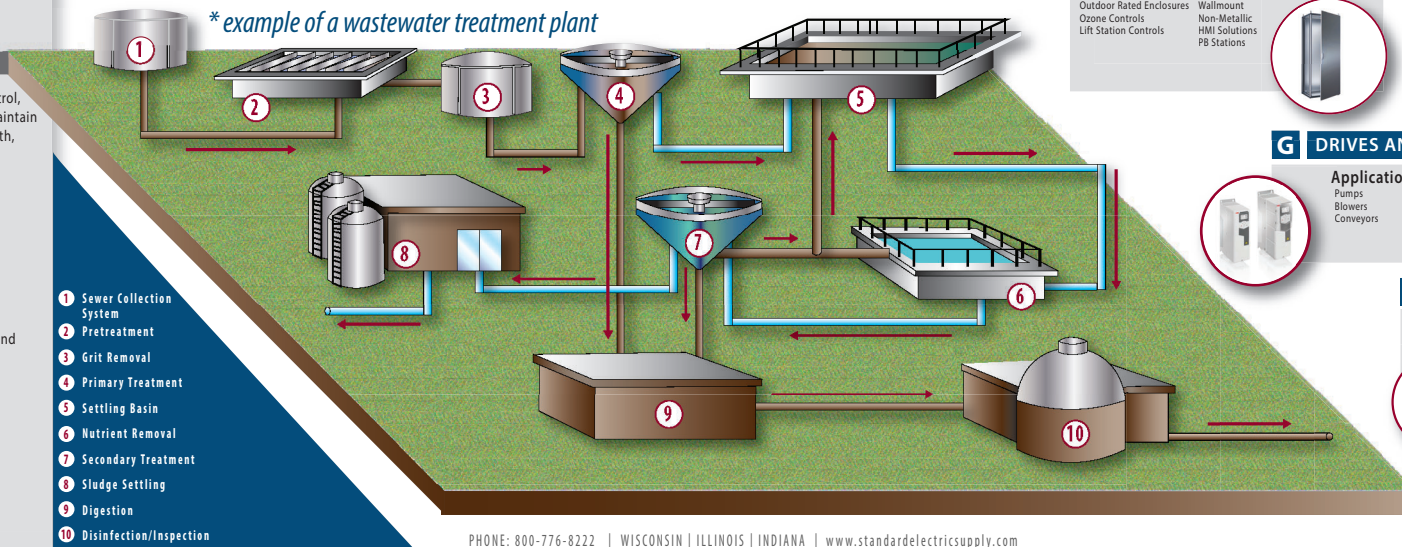
**Products:** AC Drives, Electronic Soft Starters, Enclosed Drive Systems



## H POWER DISTRIBUTION/QUALITY

**Applications:** Power to Facility

**Products:** Power Metering, Power Quality, Distribution Transformers



- 1 Sewer Collection System
- 2 Pretreatment
- 3 Grit Removal
- 4 Primary Treatment
- 5 Settling Basin
- 6 Nutrient Removal
- 7 Secondary Treatment
- 8 Sludge Settling
- 9 Digestion
- 10 Disinfection/Inspection

# PRODUCTS

## Conduit and Fittings

Conduit Fittings  
Electrical Conduit

## Control and Automation

Control Indication  
Controls and Accessories  
Electrical Variable Speed Drives  
Programmable Control  
Safety Control Devices

## Data Networking and Wireless

Data and Network Devices and Equipment  
Fiber Optic Connectors and Adaptors

## Electrical Boxes and Enclosures

Enclosure Accessories  
Enclosure and Box Covers  
Enclosures  
Utility Boxes

## Electrical Distribution Equipment

### Disconnects

Generators and Accessories  
Power Conditioning Equipment  
Power Distribution  
Surge and Power Protection  
Terminal Blocks and Transformers and Accessories  
Transmission and Distribution Equipment  
Voltage Regulation

## Fittings and Hardware

## Fuses, Relays, and Circuit Breakers

Circuit Breakers and Accessories  
Circuit Protection Devices and Accessories  
Fuses  
Relays and Accessories

## Heating Ventilation and

### Air Conditioning

Air Circulation Parts and Accessories  
Cooling Equipment Parts and Accessories  
Heating Equipment Parts and Accessories  
Ventilation

## Lugs, Plugs, and Connectors

Cables, Elbows, and Braids  
Connectors and Accessories  
Locking Equipment  
Lugs  
Plugs

## Testing and Measuring

Communication Testing Instruments  
Indicating and Recording Temperature Measuring Instruments  
Transducers

## Tools

Adapters, Timers, Counters, and Hour Meters  
Cutting, Crimping, and Punching  
Fiber Optic Tools and Accessories  
Marking Tools

## Wire and Cable

## Wire Management

## Wire Raceways and Busways

Strain Relief  
Wire Raceways

## Industrial Controls

Terminal Strips  
Switches/Indicators  
Relays  
Motor Starter Controls  
Sensors  
Miniature Circuit Breakers  
Earth Leakage  
Potentiometers  
Power Meters

## PLC, HMI & Computers

Programmable Logic Controllers  
Desktop Computers  
Mainframe Computers  
Portable Data Input Terminals  
Monitors

## Drives & Motion Control Products

Motors  
Inverter Drive AC  
Motor Control Drive DC  
Servo Control Drive  
Servo Controller  
Servo Drives

## Power & Circuit Protection

Electrical Plugs and Connectors  
Distribution and Control Centers and Accessories  
Busway  
Capacitor Banks  
Circuit Breakers  
Disconnect/Safety Switches  
Line/Load Reactors  
Load Centers  
Low Voltage Motor Control Center  
Low Voltage Switchgear  
Meter Centers or Sockets  
Panelboards  
Power Distribution Units (PDUs)  
Power Monitoring or Control Systems  
Transformers  
UPS Systems

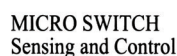
## Wire Device & Management

Busbar Systems and Components  
Datacom and Network Connectivity Installation Devices and Equipment  
Panel Filters  
Control Board Enclosure  
Electrical Console and Console Enclosure  
Electrical General Purpose Enclosure  
Wallmount Enclosure Accessories  
Pendant Arm Components  
Electrical Operator Interface Unit Enclosure  
Electrical Pushbutton Enclosure  
Electrical Terminal Enclosure  
Electrical Wire or Cable Raceway  
Enclosure Plates or Covers  
Explosion Proof Enclosure  
Modular Enclosure Accessories  
Wireway  
Wiring Accessories  
Wiring Duct  
Wiring Trough

## Enclosures & Electrical Boxes

Rittal Wallmounts  
Hazardous Location Box  
Electrical Boxes  
Weatherproof Boxes  
Switch Box  
Floor Boxes  
Outlet Box  
Specialty Electrical Boxes  
Utility Boxes  
Cast Device Box  
Ceiling Box  
Electrical Box Hardware and Accessories  
Electrical Box Partition  
Fire Rated Poke Through Box  
Electrical Junction Box  
Masonry Box

# MANUFACTURERS





# SOLUTIONS FOR BUSINESS

Engineering Support

Online Ordering

Inventory Management Solutions

Onsite Trade Shows

Multi-Plant Solutions

Repair Services

Enclosure Modification Services

Safety Solutions

Training and Seminars

Emergency Service Hotline

ISO 9001: 2015



p (800) 776-8222

f (414) 272-8111

[www.standardelectricsupply.com](http://www.standardelectricsupply.com)

WISCONSIN | ILLINOIS | INDIANA

## Engineering Support

Our experienced team of over 30 engineers, with a broad spectrum of experience, offers you an educated and strategic approach to solutions. They are an enthusiastic and proactive team of engineers dedicated to providing you the support you need. Whether you need help with product evaluation, technical support, or training, our engineers will customize solutions to meet your requirements.

## Inventory Management Services

Standard Electric will implement an Inventory Management System at your facility, helping your business to reduce costs and run at peak efficiency. Our Inventory Management Team will eliminate the costs to create purchase orders, receive product, and manage a stockroom while keeping and storing the products you need organized and in stock for when you really need them.

## Enclosure Modification Services

Standard Electric is uniquely qualified to support the special requirements of custom enclosures and significantly reduce the lead time for your projects. The large capacity of our local enclosure modification centers, combined with our extensive enclosure inventory, ensures you will receive a quick turnaround to meet your project deadlines.

## Repair Services

Here at Standard Electric, we are able to offer our customers comprehensive, cost-effective, and timely repair services for most major brands of Automation Equipment including Rockwell/Allen Bradley parts. Standard Electric now offers repair services for over 120,000 products from hundreds of manufacturers.

## National Customer Solutions

Get the highest levels of service at the lowest total cost with supplyFORCE and Standard Electric. Standard Electric is a proud supplyFORCE distributor. This allows us to service local fortune 1000 companies though once comprehensive corporate agreement that can support all of your product category requirements (electrical, industrial & safety, power transmission & bearings, pipe, valves & fittings, and many more).

