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## WHERE QUALITY MATTERS™

# OUR COMPANY

At Tawreed Middle East LLC, we combine the professional expertise of our employees with the forefront brands to serve our customer with the world's most reliable and efficient mechanical equipment and services.

Whatever your cooling plant service needs are, Tawreed Middle East LLC is a trusted company that you can rely on as we stand up and committed with honor to serve our customers to the world's highest technological, economic, and social standards.

## Our Business

- District Cooling Equipment Maintenance Services (Cooling Towers, Chillers and Pumps)
- Supply of HVAC Spare Parts
- HVAC Retrofit and Upgrade Solutions
- Supply of Air Filters and Air Quality Products
- Design and Supply of Ventilation System
- HVAC Performance and Energy Testing

## Our Vision

To be the "Preferred Partner" for customers, suppliers, and employees by being admired for your business values and ethics.

## Our Values

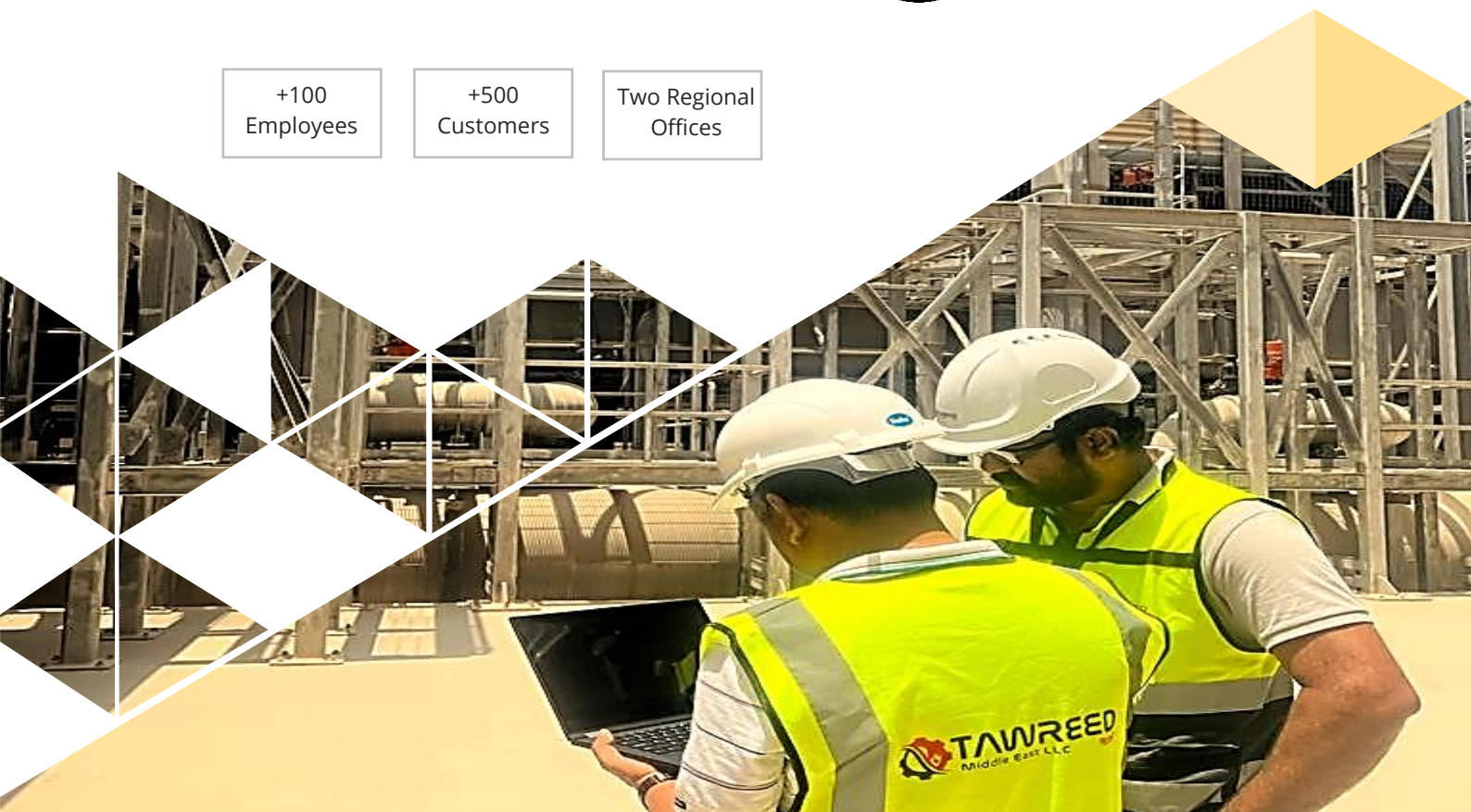
Trust, Approachable, Winning, Respect, Ethical, Excellence, and Devotion.



+100  
Employees

+500  
Customers

Two Regional  
Offices



# OUR SERVICES

Tawreed Middle East LLC provides high quality services for all types of cooling towers, evaporative condensers, air-cooled and water-cooled chillers. Our well-trained team of technicians supported by well experienced engineers can help our customers in maintaining and extending the lifetime of their equipment by implementing several types of maintenance plans such as predictive, preventive, and corrective maintenance.



## Cooling Towers Services

Extend the life and efficiency of your cooling tower or even upgrade its thermal capability with the most trusted service partner who understand the needs of cooling tower owners, operators, and contractors.



## Chillers Services

Save thousands of dollars in expensive repair costs through our chillers maintenance programs that executed by experienced team of engineers and well-trained chillers technicians.

**“CUSTOMER  
SATISFACTION  
IS THE KEY OF  
OUR SUCCESS”**



# COOLING TOWER SERVICES

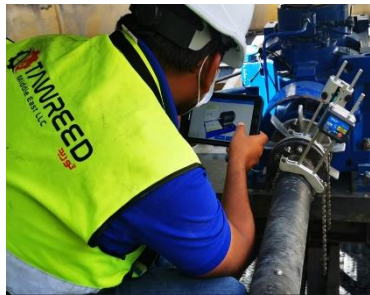
For decades, the cooling towers have been considered as secondary neglected equipment in the plant. It is always too late when end users know how important to keep their cooling towers in safe hands after they suffers major breakdown or capacity degrade which will consume most of their maintenance budgets.

Our maintenance packages can identify small problems before they can turn into more costly repairs. We also provide on-the-spot repairs or even upgrade and retrofit solutions that can help you saving energy or providing more cooling capacities.

## OUR COOLING TOWERS SERVICES



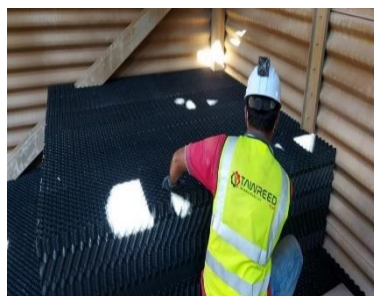
**SPARE PARTS  
SUPPLY**



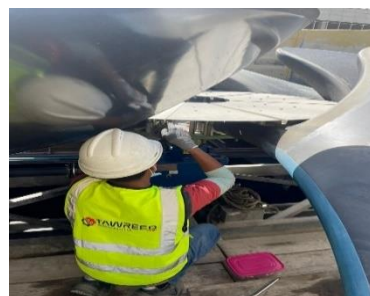
**MAINTENANCE  
CONTRACTS**



**CORRECTIVE  
REPAIRS**



**REFURBISHMENT  
SERVICES**



**UPGRADES &  
RETROFITS**



**PERFORMANCE  
TESTING**

## Facts & Numbers

**+500**  
CT Cells

have been successfully  
maintained, refurbished, or  
upgraded.

**+2,000**  
Interventions

have been completed in  
various commercial and  
industrial sites.

**+400,000**  
Manhours

spent on cooling towers  
different services.

# CHILLER SERVICES

Chiller service is essential to ensure that the cooling system operates efficiently and reliably. Neglecting maintenance can lead to increased energy costs, decreased cooling capacity, and expensive repairs. By implementing a proactive maintenance plan and regularly servicing your chiller, you can extend its lifespan and reduce the overall cost of ownership.



## ANNUAL MAINTENANCE CONTRACT

An Annual Maintenance Contract (AMC) is a service agreement between Tawreed Middle East and our customer to maintain the chillers and ensure the proper functioning, upkeep, and timely repairs.

## PREVENTIVE MAINTENANCE

The primary goal of preventive maintenance is to prevent chiller failures, reduce downtime, and extend the operational life of assets. Such as oil analysis, compressor renewal, thermography scanning, vibration analysis and refrigerant analysis.



## CORRECTIVE MAINTENANCE

Corrective repairs are carried out in response to an identified problem, failure, or malfunction when chiller breaks down.

## PERFORMANCE STUDY

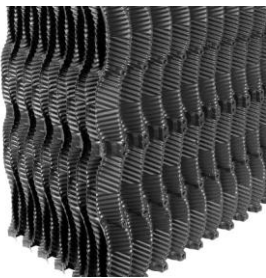
Chiller performance studies are essential for maintaining a comfortable and energy-efficient indoor environment while reducing operational costs and environmental impact. Regular assessments and maintenance are crucial to ensuring that chillers operate at peak performance and remain a reliable part of HVAC.



# COOLING TOWER COMPONENTS



Brentwood Industries is a leading provider of thermoformed plastic solutions and the world's largest cooling towers components manufacturer. With film and splash fill media for any water quality, in addition to complete line of drift eliminators and accessories, Brentwood offers a complete solution for efficient, safe, and clean operation of cooling towers.



COUNTER FLOW FILL



CROSS FLOW FILL



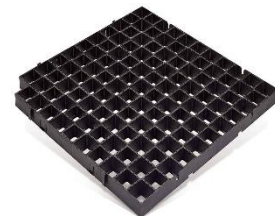
DRIFT ELIMINATORS



INLET LOUVERS



ACCUSPRAY NOZZLES



ACCUGRID PANEL

## RANGE OF PRODUCTS:

- Fill Media
- Drift Eliminators
- Louvers
- Nozzles
- Safety Components
- Water Diversion Products



# SPX MARLEY ORIGINAL PARTS



Genuine Marley Parts from SPX Cooling Technologies, Inc. were installed at the factory to build your Marley Cooling Tower. To uphold the quality engineering and performance that define your cooling tower, insist on genuine Marley Parts for any service, repair or rebuild project. With nearly 100 years of experience fabricating cooling towers, trust SPX to provide the right TECH throughout your cooling tower's lifespan.



GEARBOX



FAN



DRIVE SHAFT



FLOAT VALVE



VIBRATION SWITCH



FILL MEDIA

## RANGE OF PRODUCTS:

- Fills, Drift Eliminators and Louvers
- Nozzles
- Gearbox, Fans and Drive Shafts
- Float Valves
- Fan Stacks
- Safety Devices (Vibrations, Oils, and Water Level Switches)

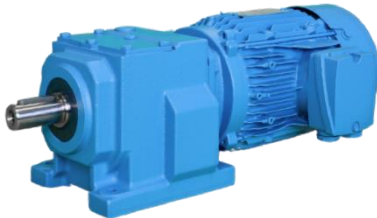




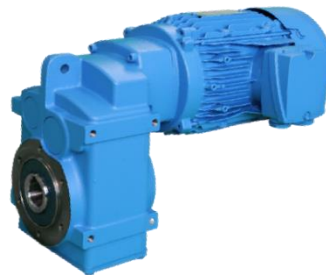
# GEARED MOTOR



Steinlen Elektromaschinenbau GmbH and its predecessors were founded more than 100 years ago with services include consulting and sales, repair, maintenance, manufacturing and stock keeping of geared motors, frequency converters and industrial brake systems. In **2018**, Steinlen took over the production of **MOTOX®-N** Geared Motor for Siemens AG and in **2021** it took over the **MOTOX®-N** Geared Motor series from Siemens AG providing new product sales, spare parts and aftermarket services.



HELICAL GEARED  
MOTOR



GEARED MOTORS W/  
PARALLEL SHAFTS



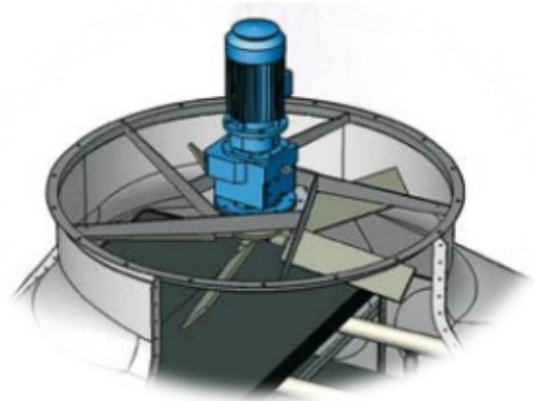
HELICAL BEVEL  
GEARED MOTORS



HELICAL WORM  
GEARED MOTORS

## RANGE OF PRODUCTS:

- MOTOX® / MOTOX®-N Geared Motor  
(previously known as Siemens product)
- Helical Geared Motor
- Parallel Shaft Geared Motor
- Bevel Helical Geared Motor
- Helical Worm Geared Motor
- Geared Motor Parts and Accessories





# HVAC FILTRATION



Since 1972, LAKOS Filtration Solutions has solved customers' complex water filtration problems using innovative and reliable solutions. LAKOS Separators and Systems help to control scale, corrosion, fouling, and unwanted biological buildup by removing suspended particles from your cooling water. Controlling these factors helps maintain design efficiencies and extends the life of cooling towers, heat exchangers, chillers, and evaporative condensers.



**ETCX PREMIUM  
EFFICIENCY SYSTEM**



**TCX-TCI  
TOWERCLEAN**

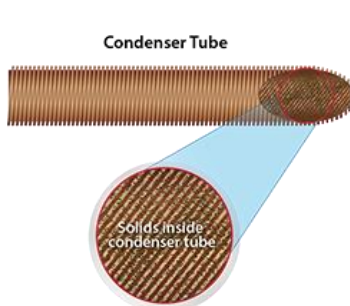


**CTS - CARBON SAND  
MEDIA FILTER**

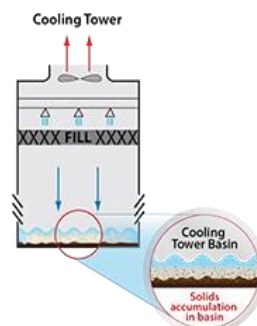
## RANGE OF PRODUCTS:

- Cooling Tower Filtration System
- Basin Sweeper System
- Side Stream Filtration System
- Full Stream Filtration System

## Why Does My Cooling Water Need Filtration?



Suspended solids reduce heat transfer areas and decrease flow inside tubes by accumulating on internal tube fins.



Suspended solids clog tower nozzles and water distribution systems – resulting in loss of thermal capacity as well as scale and mineral buildup on tower fill and closed tower coils.



Solids in cooling tower water clog channels and create areas of low thermal conductivity.



# MAINTENANCE EQUIPMENT



Goodway Technologies offers the largest selection of complete maintenance and cleaning solutions designed to drive the efficiency of your systems, plants, and facilities. All Goodway solutions are safe and easy to use and have been created to help maintain critical systems to drive cost savings in variety of industries and markets.

**TUBE CLEANER****COIL CLEANER****CT CLEANER****DUCT CLEANER****STEAM CLEANER****VACUUM CLEANER**

## RANGE OF PRODUCTS:

- Tube Cleaning Solutions
- Coil Cleaning Machines
- Cooling Tower Cleaning Systems
- Industrial Descaling Systems
- Duct Cleaning Equipment

## INDUSTRIES:

- HVAC Maintenance
- Facilities Management
- Power Generation
- Food and Beverage Processing
- Maritime and Offshore



# AUTO LUBRICANT SYSTEM



Perma has stood for innovative and creative lubrication solutions for more than 50 years. Perma single- and multi-point lubrication systems are used in almost all types of industries and applications around the world.



perma PRO MP-6



perma PRO C MP-6



perma STAR VARIO



perma STAR VARIO  
BLUETOOTH



perma STAR  
CONTROL



perma ULTRA

## MULTIPOINT LUBRICANT SYSTEM

## SINGLE POINT LUBRICANT SYSTEM

## RANGE OF PRODUCTS:

- Single Point Lubrication System
- Multi-Point Lubrication System

## APPLICATIONS:

- Electric Motors
- Pumps
- Blowers and Fans
- Conveyors



# REMANUFACTURED COMPRESSORS



City Compressor is one of the oldest providers of remanufactured compressors with 80 years of remanufacturing experience. Carrying parts and accessories from all the top manufacturers, including Trane, Copeland, Carrier and York. City Compressor remanufacturing combines quality and affordability with a team of trained and experienced technicians.



**SEMI-HERMETIC  
COMPRESSORS**



**SCREW  
COMPRESSORS**



**SCROLL  
COMPRESSORS**

## RANGE OF PRODUCTS:

- Semi Hermetic Compressors
- Screw Compressors
- Scroll Compressors



## COMPRESSORS:

- Carrier
- York
- Trane
- Carlyle
- Bitzer
- Copeland





# AC/R COMPONENTS



Sanhua is a leading HVAC&R manufacturer of controls and components with a global footprint and 30 years of experience. With cooperation with the largest companies in the Automotive, Appliance and HVAC&R industry makes Sanhua a leading worldwide OEM supplier providing the highest quality components at the most competitive price.



SIGHT GLASS



SOLENOID VALVE



TXV



EXV



PRESSURE SWITCH



FILTER DRIER

## RANGE OF PRODUCTS:

- Solenoid Valves
- Expansion Valves
- Ball Valves
- Sight Glasses
- Filter Driers and Filter Core
- Pressure Switches
- Service Valves
- 4-way Reversing Valves



# AIR FILTERS



Since its beginnings in 1979, AFPRO Filters has secured a leading role in the international air filtration market. As a manufacturer, AFPRO Filters can produce highly specialized customized work that meets the specific wishes of the customer, besides wide range of standard products.

**PANEL FILTERS****CARDBOARD FILTER****BAG FILTERS****RIGID FILTERS****HEPA FILTERS****CARBON FILTER**

## RANGE OF PRODUCTS:

- Panel Filters
- Bag Filters
- Compact Filters
- Carbon Activated Filters

## CLASSIFICATION:

- ISO ePM<sub>1</sub>
- ISO ePM<sub>2.5</sub>
- ISO ePM<sub>10</sub>
- ISO Coarse



# VENTILATION FANS



Since its inception, SISTEVEN, S.L.U., a fans and ventilation systems manufacturer, has been specializing in the manufacturing of centrifugal fans and is recognized in international markets for its quality-price ratio. The company designs and manufactures fans at its factory in Spain based on the requirements of the international markets.



AXIAL FANS



IN-LINE FANS



CENTRIFUGAL FANS



ROOF FANS



SMOKE EXTRACT FANS

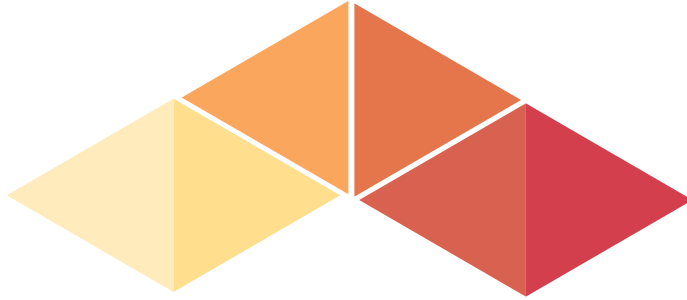


WALL FANS

## RANGE OF PRODUCTS:

- In-line Fans
- Axial Fans
- Centrifugal Fans
- Smoke Extract Fans
- Explosive Atmospheres Fans
- Roof Fans
- Heat Recovery Units
- Air Treatment Units





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Where Quality Matters™