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UNIVERSAL TECHNICAL L.L.C.

# COMPANY PROFILE







# Universal

## Group Holding LLC

**Universal Group Holding LLC**, with its commitment to quality in its quest for constant excellence in all its ventures, has earned a remarkable position in the UAE market. Universal Group operating over the past five decades with strategic intent, inherent ability to identify opportunities added with its adaptability to changing market environment, has entrenched itself as a leader in the region's progressive market. Our vision is to be the region's leading sustainable group by delivering winning solutions and outstanding services.

### Group of Companies

- Universal Trading Company LLC - Abu Dhabi & Al Ain
- Universal Electrical Equipment Est. - Dubai
- Universal Service Centre
- Universal Establishment For Trading Agencies
- Universal Rent A Car Establishment (Europcar Abu Dhabi)
- Universal General Transport Establishment
- Universal Travel & Tourism
- Universal Auto Garage
- Universal Technical L.L.C
- Universal Voltas LLC
- Universal Used Car - F.Z.E.
- Floval Mechanical Eqt. Maintenance & Control - Floval LLC



### Head Office - Abu Dhabi

MBH Building, Sultan Bin Zayed  
The First Street / Muroor Rd  
Opp: Madinat Zayed Shopping Centre  
next to Skyline Office Supplies, Abu Dhabi  
Tel. : +971 2 6335331, Fax : +971 2 6211957  
Email : info@ugc.ae, Website : www.ugc.ae



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UNIVERSAL

## CEO MESSAGE

Since its inception, Universal Group Holding LLC has recognized the importance of maintaining high standards of quality of its products and services, to ensure complete customer satisfaction.

These standards have been steadfastly maintained for over four decades and have enabled the Universal Group Holding LLC to command respect in a highly competitive market.

Regular contacts and cordial business relations with customers have enabled the Universal Group Holding LLC to strike a perfect association. This has always played a key role in cooperation with and support from all our customers. Apart from product quality, we understand the importance of providing a personal touch on the customer service front.

In order to retain and enhance the efficiency and quality of services, we always update our policies to keep pace with fast changing technologies in a pragmatic manner to achieve the desired results.

**MOHAMED SHABEEB AL DHAHERI**  
CHIEF EXECUTIVE OFFICER












# Universal Technical LLC



## BRAND PORTFOLIO

**VALVE AUTOMATION**

**ELECTRICAL & INSTRUMENTATION**











**ENVIRONMENTAL & PROCESS EQUIPMENT**







**SYSTEM INTEGRATION**





**ROTATING EQUIPMENT**




**VALUE ADDED SERVICES**



Installation | Commissioning Jobs | Services  
Retrofitting | Field Services | Health checkups |  
Valve & Fabrication Services





# INTRODUCTION

**Universal Technical LLC (UTL)**, A member of Universal Group Holding LLC, was established in 1982 to serve the Oil & Gas, Power & Energy, Petrochemical, Utility, General Industry & Construction sectors in UAE. We are one of the leading companies transferring cutting edge technologies and value-added services to our diverse clients with unparalleled performance that gives growth and success to our business partner.

Universal Technical LLC functions as a partner to a wide range of well known overseas international manufacturers.

Our vast experience and enthusiastic team of experts have made us most chosen by our clients. We are an approved supplier to all major UAE companies.

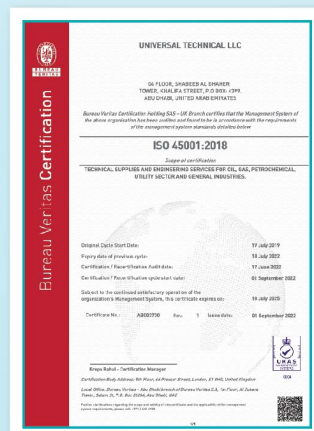
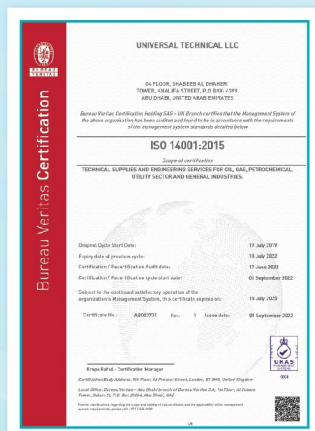
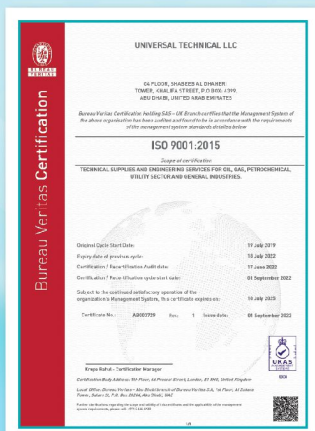
## Our Mission

To understand and fulfill our clients unique needs by providing unsurpassed service and support to their organization and ensuring the solution provided is cost effective and meets customer satisfaction.

## Our Vision

To remain as the favoured supply and solution provider by enabling new applications, professional services and streamline workflows that propel growth and add extra value to both our clients and principals.

Armed with professional and trained technical staff and reputed principals, we are an energetic and goal-oriented company dedicated to making our vision a reality.







## Valve Automation

Being the sole agent of reputed products in the UAE, Universal Technical LLC (UTL) is able to provide all types of Manual Valves, Actuators, ESDs, SDVS, MOV packages and a variety of Flow Control Solutions. It gives strength to our Valve Automation Division (VAD) for serving Oil & Gas, Petrochemical and Utility Sectors. Our value added services in our workshop include mounting, testing, retrofitting, refurbishment & maintenance of all types of Rotork equipment.

Our Engineers are factory trained and updated to the best product knowledge to meet the industry challenges for new products, retrofit jobs as well as preventive maintenance of existing equipments

### Our product range includes the following:

#### ROTORK, UK

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

- Electric Actuators
- Pneumatic Actuators
- Hydraulic Actuators
- Gas/Oil Actuators
- Electro-Hydraulic Actuators
- Process Control Actuators
- Gearboxes & Accessories
- Retrofitting, Services & Product Training
- Rotork Master Station / Pakscan & other Control Networks



#### ALCATRAZ, Netherlands

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

Process Safety Management and Prevention of Human, Environmental & Operational failures

- Valve Interlocking (All kinds incl. manual, gear, MOVs, etc)
- Sequential Interlocking for systems like Pig traps, PSVs, Tanking, Manifold, Decoking Furnaces, Railway & Carriage, etc.
- Machine Guarding applications
- Mechanical & Electro-mechanical applications, Key-lock & Cabinet solutions
- Electronic key management
- Keyless locks with Digital detection
- Direct drive & Universal Hand wheel mounted solutions for manual valves
- Authorized Training Provider





**FANGZHENG VALVE GROUP CO. LTD (FZV), China**  
[www.fzvgroup.com/en](http://www.fzvgroup.com/en)

Valves for Oil & Gas Sector:

- Gate, Globe & Check Valves
- Ball & Butterfly Valves
- Plug Valves
- API 6A Gate, Choke & Pigging Valves
- Motor Operated Valves (MOVs)
- Double Block & Bleed Valves (DBB)
- Emergency Shut Down Valves (ESDV)



**CASHCO INC, USA**  
[www.cashco.com](http://www.cashco.com)



- Emergency Vents and Flame Detonation Arrestors
- Control Valves, Pressure Regulators
- Tank Blanketing Valves
- Vacuum Vents
- Pilot Operated Pressure Vents

**PHBB VALVES, India**  
[www.phbbvalves.com](http://www.phbbvalves.com)

- Trunnion Ball Valves
- Floating Ball Valves
- Double Block & Bleed Valves (DBB)
- Top Entry Ball Valves
- Fully Welded Ball Valves



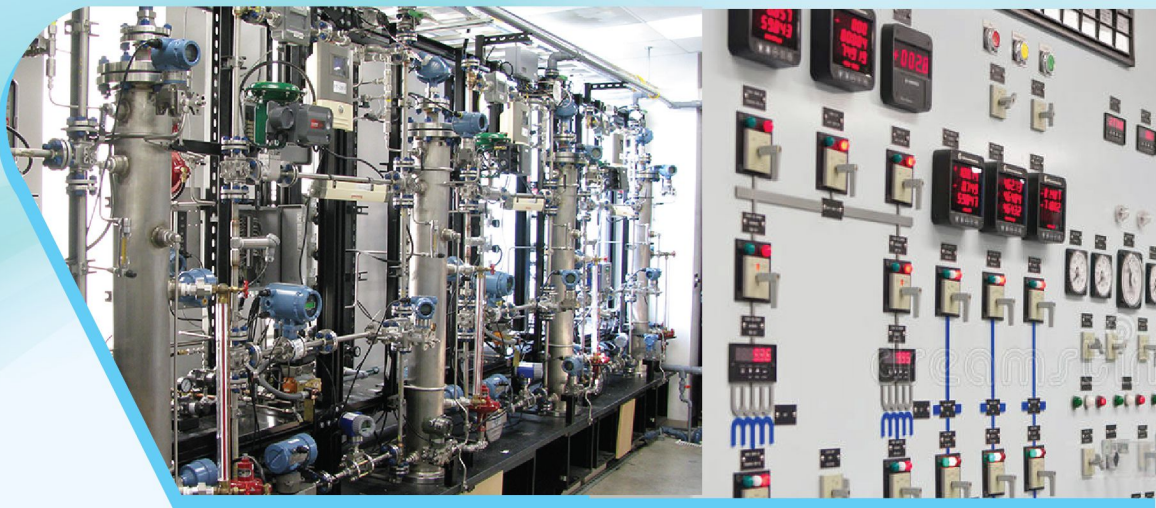
**PROMETHEUS, Italy**  
[www.prometheusgroup.net](http://www.prometheusgroup.net)



- Passive fire Protection
- Flexible & Rigid Type of
- Fire proofing material.
- Hybrid Fire Proofing Solutions
- Pool Fire & Jet Fire Protection
- Fire Proof cabinets







## Electrical & Instrumentation

Our Electrical & Instrumentation Division (EID) serves different sectors such as Oil & Gas, Petrochemical, Water/ waste water and general industry. Our Principals / Partners are leaders in their fields with ISO Quality Standards and different approving authorities such as UL, BASEEFA, TUV, CSA and other international and well known certification organizations.

### Our product range includes the following:

#### GM INTERNATIONAL, Italy

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

- Intrinsically safe SIL3 certified relays
- SIL3 relays for digital control emergency shutdowns
- SIL3 relays for Fire & Gas Systems  
Intrinsically Safe Isolators
- Intrinsically Safe Signal & Temperature Converter
- Multiplexers for Instrumentation Control Systems.
- Adapters for Instrumentation Control Systems.
- Power Supplies for Instrumentation Control Systems.
- SIL3 Functional Safety Engineer Training & Certification



#### FATI GENERAL EQUIPMENTS PVT. LTD., INDIA

[www.fati-india.com](http://www.fati-india.com)

- Flanged Immersion Heaters
- Screwed Immersion Heaters
- Removable Heaters (Cartridge Type)
- Electric Exchangers
- Control Panels
- Duct Heaters
- Seal Gas Heaters
- Liquid Level Gauges
- Magnetic level gauges & Level Transmitters
- Sight Flow Indicators
- Tubular Level Gauges



#### ROTORK YTC LTD., Korea

[www.ytc.co.kr](http://www.ytc.co.kr)

- Smart Positioner
- Air Filter Regulators
- Volume Boosters
- Lock Up Valves
- Snap Acting Relays
- Solenoid Valves
- Electro Pneumatic Positioners
- Limit Switch Box
- IP Converter





## JUMO, Germany

[www.jumo.de](http://www.jumo.de)

- Temperature Instruments (RTDs, Thermocouples, Switches, Transmitters and Wireless Solutions)
- Liquid Analysis (pH and Redox, Oxygen Conductivity Chlorine, Chlorine Dioxide, Ozone, Hydrogen Peroxide and Ammonia Analysers)
- Pressure Instruments
- Transducers for Temperature and Humidity
- Recorders (Paperless and Chart Recorders)
- Automation (Controllers, Power Units, Transmitter, Evaluating, Visualizing, Measuring and Automation Systems)



## ROTORK INSTRUMENTS, Italy

[www.soldo.net](http://www.soldo.net)

- Limit Switches
- Limit Switch Boxes
- Solenoid Valves
- Manual Valve Application
- Position Transmitters



## FAIRCHILD, USA

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

- Pressure Regulators
- Transducers
- Volume Boosters
- Relays, Filters & Accessories



## TKF, Korea

<http://www.tk-fujikin.com>

- Instrumentation Fittings
- Instrumentation Valves
- Instrumentation Hoses & Tubes
- CNG Tanks - Type 4



## SENSITHERM, Italy

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

- Special Cables for instrumentation
- Control and thermocouple extension
- Thermocouple
- RTD
- Thermowell Sensors.



## Other Instruments

- Temperature elements & Gauges/Instruments
- Pressure & Differential Pressure Gauges/Instruments
- Flow & Level Gauges/Instruments
- Thermowells & Special Assemblies
- Manifold Valves & Fittings

  
**Sensitherm**

**gmi**  
technology for safety

**SOLDO**  
CONTROLS  
A ROTORK Brand

**YTC**  
A ROTORK Brand

**TKF**

**FAIRCHILD**  
A ROTORK Brand

**JUMO**

**FATI**





## Environmental & Process Equipment

Universal Technical LLC provides products and solutions to our clients in the water/waste water and industrial sectors. We design, size and assemble Odor Control Packages, Dosing Skids, Pumps Skids in addition to other Sewage Treatment Solutions.

### Our product range includes the following:

**IDM, Spain**  
[www.idm.com](http://www.idm.com)

IDM is one of the well-known Water & Solid Treatment experts. They supply & support for the following:

- Screens, Chain Filters, Sand Filters
- Penstocks and Lock Gates
- Mixers, Grit Removal, Scrappers
- Belt Thickeners-Belt Filter Press
- Aeration Turbine, Water Treatment Plants
- Oil Separators, Compactors, Concentrators etc

**AKFEL, Turkey**

- Compressor Skids,
- Fuel Gas System Skids
- Pressure Control Skids
- Fiscal Metering
- Skids for Storage Facilities
- Skids for Ship Loading/Unloading Facilities
- Skids for LNG Facilities
- Skids for Gas Processing Plants
- Gas Preheating Stations for Power Plants
- Pipeline Networks
- Flow Metering
- HIPPS Skids



## FLOWTECH, Korea

[www.flowtech21.co.kr](http://www.flowtech21.co.kr)

Water Hammer Surge Protection System

- Surge analysis
- Surge vessel
- Control panel

Integration

- Commissioning (field surge test) and Maintenance.

Pressure Maintaining System

- Surge Analysis/Hydraulic Modeling
- Expansion Tank
- Thermal Accumulator
- Integration
- Commissioning and maintenance



## THERMAL ENERGY (GEM TRAPS), UK

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

Permanent Energy Savings:

10% to 30% permanent reduction in steam costs

- Excellent Return on Investment: Payback typically ranges from 1 to 2 years
- Ultimate Reliability: 10 years No-Fail Performance Guarantee
- Increased Production: Faster system warm up quicker batch times
- Minimal Maintenance: No moving parts = no trap failures = minimal downtime
- Increased Safety: No water hammer or condensate back-up from failed traps
- Greater Control of Heat Output: Self-regulating vs. opening and closing of mechanical trap valves
- Superior Service: GEM Traps are individually sized for your requirements







## System Integration

Universal Technical LLC on behalf of our principals has the capacity to provide automated inspections and maintenance routines, access control and identification solutions, pressure and flow monitoring solutions, and system integration.

### Our product range includes the following:

#### SAFEEX, Denmark

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



- Automated inspections and maintenance routines.
- RFID technology & handheld devices
- Transparency to decision makers.
- A flexible system built up in modules which meet all maintenance tasks.
- Systems developed by Engineer from the field - we know what works.
- Short Return of Investment.
- Easy to reach and positive thinking.
- High end support, upgrade and daily sparring.



#### METASPHERE, UK

[www.metaspHERE.co.uk](http://www.metaspHERE.co.uk)

- One product, countless applications
- Pressure & flow monitoring
- Large memory
- Rapid installation with integrated installation bracket
- Software configurable I/O; includes support for AI, CI, DI and DO
- Internal immersion sensor for advanced warning of flood threat
- Built-in quad band GSM/GPRS modem with internal antenna and optional external antenna
- Very compact footprint of just 56mm x 110mm x 112mm
- Connects to Medina, DNP3 and WITS DNP3
- Remote firmware upgrade and configuration
- Support for all IEC-61131 programming languages



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System Integration

[www.utl.ae](http://www.utl.ae)





## Rotating Equipment

Our Rotating Equipment Division with the support of leading principals provides integrated solutions of design, engineering, supply & maintenance of equipment, upgrade rotating equipment, etc. for the oil & gas, utility and power generation industries.

### Our products & principals details are listed below

#### ODDESSE PUMPEN, Germany

[www.oddesse.de](http://www.oddesse.de)

The Oddesse sales program embraces a comprehensive variety of centrifugal pumps of different design for a wide range of applications. The scope of products is dominated by single stage and multistage submersible motor pumps for delivery of clear, waste and sewage water and even aggressive fluids. Submersible motors are the second mainstream products of Oddesse. Alongside these products, single and multistage centrifugal pumps for application in water supply industries and municipal services play an important role within the scope of products from Oddesse.

oddesse

[www.utl.ae](http://www.utl.ae)

#### Oddesse Product Range:

- Submersible pumps 3"-12"  
Upto Q = 540m<sup>3</sup> / h and H = 700m
- Submersible motors 4"-12"  
Upto 280kW/350HP
- Waste water pumps upto Q = 450m<sup>3</sup> / h and H = 100m
- Propeller pumps upto Q = 720m<sup>3</sup> / h and H = 12
- Sewage water pumps
- Pressure Boosting Stations
- Pump Stations

Oddesse maintains a world wide sales and service network for expert assistance close to their customers. Oddesse is looking to continue their future oriented company conception following successfully the spirit of their over 100 years of tradition in pump station





## Value Added Services

We, Universal Technical LLC (UTL), have a service team, a workshop/service centre, and provide the best service support to our valued customers. Our service engineers are fully trained and certified by our manufacturers. We provide services at the job site in the field as well as in our workshop. In addition to the supply of the products and their spare parts, we provide the following services.

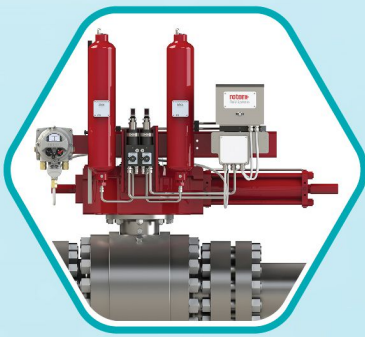
## Services Provided by Universal Technical LLC

- Customized service solutions
- Client service support
- Installation and commissioning
- After sales services
- Maintenance solutions
- Upgrade/Replacement of aging products
- Field site services (offshore and onshore)
- In-house service centre/workshop services
- Supply of spare parts
- Services provided for:
  - Rotork Actuators
  - Alcatraz valve interlocks
  - Thermal Energy GEM steam traps



### Services for Alcatraz Valve Interlocks

- Full services for all types of Alcatraz valve interlocks and products
- Factory trained, experienced, and authorized service engineers
- Installation and commissioning
- Field site services
- In-house workshop services
- Preventive maintenance
- Operational and functional check/evaluation of installed interlocks
- Maintenance and repair
- Data collection for supply/replacement of faulty/aging interlocks



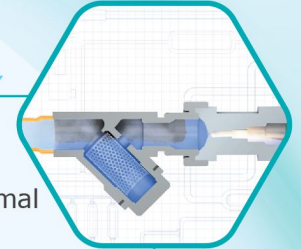


## Services for Rotork Actuators



- Full services for all types of Rotork Actuators (Electric, hydraulic, pneumatic actuators, etc...)
- Factory trained, experienced, certified, and authorized service engineers
- Installation and commissioning
- Field site services/In-house workshop services
- On-site overhaul and testing/Fault finding and maintenance
- Installation & maintenance of Rotork Master Stations and communication systems • Health check-up and preventive maintenance
- OEM spares and support
- Retrofitting/upgrading/replacement of obsolete/aging actuators
- Mounting kits/adaptor fabrication support and drive bush machining
- Prompt response to emergency situations

## Services for Thermal Energy GEM Steam Traps



- Full service support for Thermal Energy GEM steam traps
- Fully trained, experienced, and authorized service engineers
- Extensive site survey to:
  - Evaluate the state of steam system at site-
  - Identify failed steam traps leading to water hammering
  - Monitor the condition of steam traps using infrared thermometer
- Supply of GEM steam traps
- Installation supervision and commissioning
- Field site services

## Valve & Fabrication Services



- Valve Repair & Refurbishment
- Valve Automation Services
- Valve Testing & Inspection
- System Integration Packages (MOVs, ESDs, HIPPS)
- Machining and Welding Services
- Actuator Overhauling and Repair
- Passive Fire Protection Services for Valves & MOVs
- Valve Interlocking Services
- Installation & Commissioning
- On-site Services
- Annual Maintenance Contracts
- On-call Services







# يونيڤرسال تكنيڪال لڊم

## UNIVERSAL TECHNICAL L.L.C.



### VALVE AUTOMATION



### ELECTRICAL & INSTRUMENTATION



### ENVIRONMENTAL & PROCESS EQUIPMENT



### SYSTEM INTEGRATION



### ROTATING EQUIPMENT



### VALUE ADDED SERVICES

Installation | Commissioning Jobs | Services  
Retrofitting | Field Services | Health checkups |  
Valve Services



## UNIVERSAL TECHNICAL LLC

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