

INSTRUMENTATION

# Company Brochure



**ZEX**  
LUXURY ENGINEERING





## ABOUT US :

**ZEX Ltd** IS A PROFESSIONAL ENGINEERING SOLUTION COMPANY

Headquartered in Egypt, was founded to establish a benchmark in the field of Industrial Automation and Engineering solutions & to be a world-class enterprise with market-leading businesses and strong brands.

**Our businesses** serve a diverse set of niche markets and applications in many countries around the world, our work enables our customers to be more successful, and our societies to be safer and more productive.

**Zex's product portfolio** specially Instrumentation segment is designed for the complex needs of specific industries, including: Oil and gas, Chemical and petrochemical, Power generation, Power transmission and distribution, Food and beverages, Water and wastewater, Pharmaceutical, Basic materials, Electronics industry, Machinery and automation, Electromechanical industries, Feed industry, Silos, Processing industries.

## OUR VISION :

**ZEX Ltd.** " WE ARE EXCEPTIONAL "

**Our vision** is to be recognized within the community for our continuing commitment to customer service and client satisfaction & to be a market leader in project delivery, achieving sustainable growth through the quality of our people and the strength of our relationships.





## OUR MISSION :

BE A FIRST CHOICE IN ENGINEERING SOLUTIONS SERVICES COMPANIES.

**Our mission** is to create value for our customers, stakeholders & end-users by providing exceptional engineering services while using a professional approach that more than their expectations.

**We are committed** to exploring and providing superb quality of engineering services to our customers & partners in the region in order to maximize their business potential, productivity and value.

## OUR CORE VALUES :

**Professionalism & Focusing:** in providing professional service we are dedicated to competence, dependability, and excellence. We believe that our projects are a reflection of who we are as a company that's because our main focus is our customer's needs only.

**Integrity :** we employ the highest ethical standards and believe that our continued success is based upon sustaining the relationships that keep our business growing.

**Customer Service :** we are dedicated to not only achieving but exceeding client expectations.

**Responsibility & Sustainability :** Acting in a manner that is environmentally, economically and socially sustainable in the business market.

**Health & Safety :** we maintain a safe & healthy working environment.





# OUR

Oil and gas



Chemical and petrochemical



Pharmaceutical



Power transmission and distribution



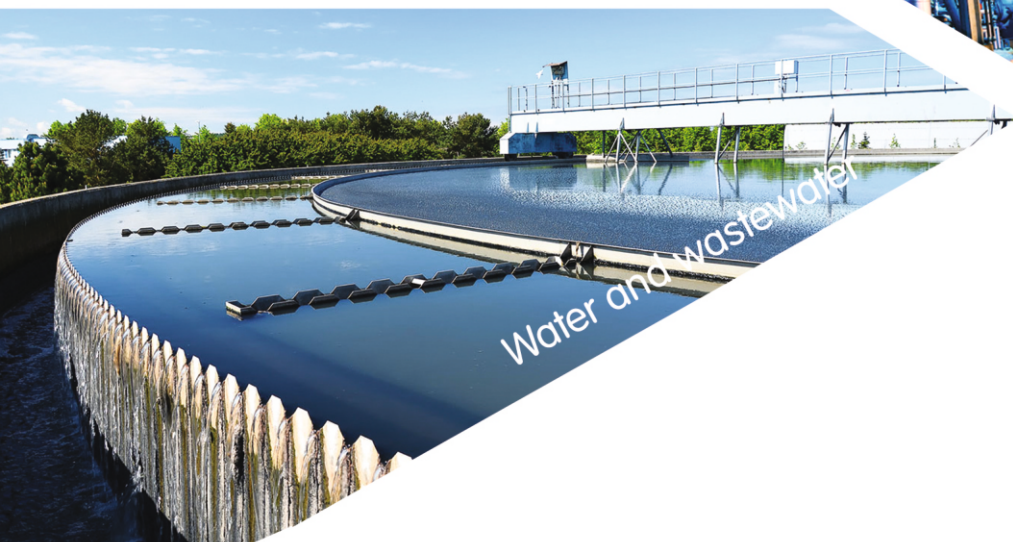
Power generation



Food and beverages



Water and wastewater



**LUXURY** ENGINEERING



# APPLICATIONS



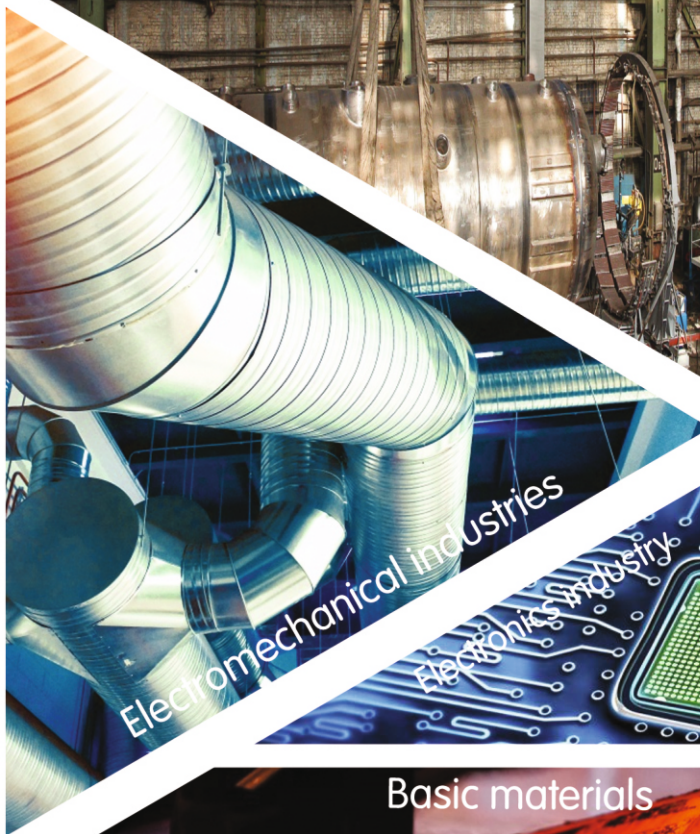
Processing industries



Silos



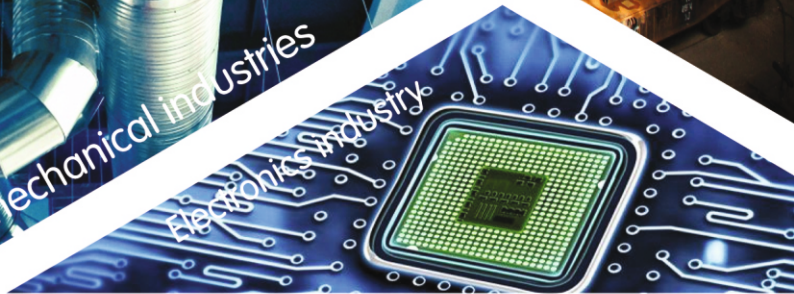
Feed industry



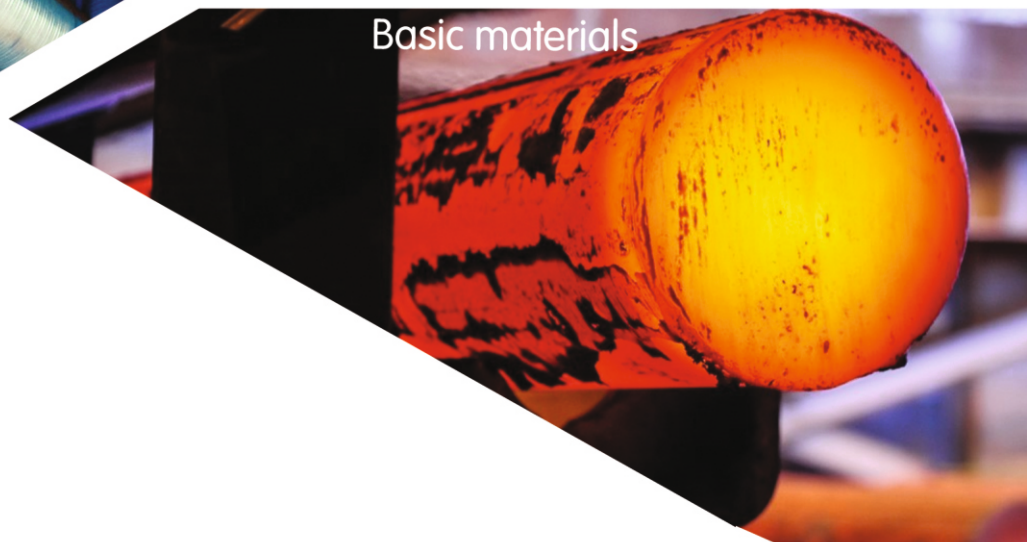
Electromechanical industries



Machinery and automation



Electronics industry



Basic materials





#### Pressure Measurement Instruments:

- 1- Pressure gauges
- 2- Pressure sensors
- 3- Pressure transmitters
- 4- Pressure gauges with output signal
- 5- Pressure switches
- 6- Differential pressure gauges

#### Diaphragm seals & Diaphragm seal systems

#### Temperature Measurement Instruments:

- 1-Temperature Gauges & Thermometers
- 2-Temperature transmitters
- 3-Temperature switches
- 4-Thermometers with switch contacts
- 5-Resistance thermometers
- 6-Thermocouples
- 7-Temperature controllers
- 8-Thermowells
- 9-Multipoint thermometers

#### Level Measurement Instruments

- 1-Bypass level indicators
- 2-Sight glass level indicators
- 3-Float switches
- 4-Submersible pressure sensors
- 5-Radar Level Measurement





# OUR PRODUCTS

Force measurement instruments

Flow Measurement Instruments  
( Measuring technology for flow rate, mass  
flow rate and flow velocity) :

- 1- Vane Wheel FA
- 2- Vortex VA
- 3- Thermal TA
- 4- Ultrasonic UA
- 5- Primary flow elements
- 6- Flow switches

Valves

Manifolds

Chart Recorders

Moisture Sensors

Instrumentation Accessories

Calibration Instruments

**LUXURY** ENGINEERING





## CERTIFICATE of Registration

This is to Certify that the  
Environmental Management System  
of

**ZEX LTD**

Behind Radisson Blu Hotel, Building 15, 5th Floor,  
Sheraton, Cairo - Egypt

has been independently assessed and is compliant  
with the requirements of

**ISO 14001:2015**

This Certificate is applicable to the following product or service ranges:  
General trading & supply, installation, operation, maintenance of mechanical and  
electrical equipment pumps, hydraulics, gauges, instrumentation, fire systems, AC,  
control panels, solar energy, CCTV, lighting systems, security systems,  
electromechanical works & Human resources training

:: Certificate No :: EG51079B

Date of initial registration	15 May 2019
Date of this Certificate	15 May 2019
Surveillance audit on or before	14 May 2020
Recertification Due / Certificate expiry	14 May 2022

This Certificate is property of Staunchly Management & System Services Pvt. Ltd. and remains valid  
subject to satisfactory surveillance audits.

  
Director

STAUNCHLY MANAGEMENT & SYSTEM SERVICES LIMITED  
Suite 48, 88-90 Hatton Garden, London, EC1N 6PN



Phone: +44 345 680 0199 | Email: info@staunchlyservices.com | Web: www.staunchlyservices.com  
For precise and updated information concerning the present certificate mail to info@staunchlyservices.com  
This Certificate is the property of Staunchly Management & System Services Pvt. Ltd. and shall be returned immediately when demanded.

## CERTIFICATE of Registration

This is to Certify that the  
Quality Management System  
of

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Sheraton, Cairo - Egypt

has been independently assessed and is compliant  
with the requirements of

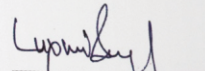
**ISO 9001:2015**

This Certificate is applicable to the following product or service ranges:  
General trading & supply, installation, operation, maintenance of mechanical and  
electrical equipment pumps, hydraulics, gauges, instrumentation, fire systems, AC,  
control panels, solar energy, CCTV, lighting systems, security systems,  
electromechanical works & Human resources training

:: Certificate No :: EG51079A

Date of initial registration	15 May 2019
Date of this Certificate	15 May 2019
Surveillance audit on or before	14 May 2020
Recertification Due / Certificate expiry	14 May 2022

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# ISO STANDARDS







# OUR APPROVALS



'ATEX' is one of the CE Marking Directives required if your product is in scope and is designed to be used in potentially explosive atmospheres (gas or dust).



CSA Group is a global organization dedicated to safety, social good and sustainability.



DAkkS is the national accreditation body for the Federal Republic of Germany.



ILAC is the international organisation for accreditation bodies operating in accordance with ISO/IEC 17011 and involved in the accreditation of conformity assessment bodies including calibration laboratories.



IEC is an international standards organization that prepares and publishes International Standards for all electrical.



The IECEx Scheme is a voluntary Certification Body Scheme for electrical equipment.



Deutscher Kalibrierdienst

DKD is an association of calibration laboratories, industry, research institutes, technological authorities monitored and accredited by DAkkS.



The international standard IEC-61508 ("Functional Safety of electrical, electronic and programmable electronic safety-related systems") defines four Safety Integrity Levels: SIL 1 to 4 each corresponding to a range of target likelihood of failures of a safety function.



Lloyd's Register

Lloyd's Register is a leading provider of marine classification services around the world.



The HART Communication Protocol (Highway Addressable Remote Transducer) is a hybrid analog+ digital industrial automation.



UKAS MANAGEMENT SYSTEMS

The United Kingdom Accreditation Service (UKAS) is the national accreditation body for the United Kingdom.



Bureau Veritas is an international certification agency. In addition to certifications, they provide HSE expertise (Health, Safety and Environmental).



DNV GL is an international accredited registrar and classification society.



INTERNATIONAL ACCREDITATION SERVICE®

IAS is a nonprofit, public-benefit corporation that has been providing accreditation services.



World Certification Services Limited (WCS) is a UKAS Accredited Certification Body providing Assessment and Certification Services.



TÜV Rheinland is a global leader in independent testing, inspection and certification services.





# OUR Partners



Based in USA, MAGNETROL® brings the highest standards of quality and operability to level, flow, volume control.



Based in POLAND, APLISENS® is one of the leading manufacturers of high quality process instrumentation. From the beginning it has concentrated on electronic pressure and differential pressure measurement technology like gauges, differential pressure transmitters, hydrostatic level probes, level transmitters, valves, digital indicators, power supplies, separators.



Based in FRANCE, Prisma® Instruments is specialized in industrial instrumentation and process control. A global range of products for pressure, temperature, flow, level measurement, industrial computing and instrumentation accessories.



Based in USA, SIEMENS® Instruments is specialized in industrial instrumentation and process control. A global range of products for Pressure Measurement, Temperature Measurement, Flow Measurement, Level Measurement, Positioners, Weight Measurement.



Based in ITALY, STRUMENTAZIONE INDUSTRIALE® is a company leader in the measurement and regulation of pressure, temperature, flow and level.



Based in UNITED KINGDOM, HYDRONIX® is the world's leading manufacturer of digital microwave moisture measurement sensors.



"Based in USA, PCE® Instruments offers complete industrial measurement solutions for demanding measurement tasks. The product includes Condition Monitoring, Manufacturing Monitoring, Industrial Weighing, Humidity Measurement, Non-Destructive Testing, People Counting Systems, Gas Detection."



Based in Netherlands, Stiko® has more than 50 years of experience in manufacturing state-of-the-art instruments in the area of temperature, pressure and calibration.



Based in GERMANY, Established 1966 – trading in flow measuring technology. In 1976 - design, development and production of the first Höntzsch own flow sensors. Since then continuous new product development and expansion of on-site production.



Based in UNITED KINGDOM, PCI® has grown to become a leading UK manufacturer and supplier of process instrumentation. The products include pressure gauges, temperature gauges, hygienic / chemical diaphragm seals, pressure transmitters, thermowells, RTD Pt100's, thermocouples and many other related products and accessories.



Based in Germany, IMKO® Specialized in moisture measurement work with radar and meet highest technological standards. The technology Time Domain Reflectometry based on radar masters reliable measurements, where capacitive and microwave technologies reach their limits.



Based in France, ENVEA® has always designed and manufactured an advanced range of gas and particulate analyzers, micro-sensors and samplers, for both air quality analysis and stack emission control.





# Contact us :



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