



**cmets**  
Engineering Solutions

**Challenges MET Swiftly**



# ABOUT CMETS

Crescent Middle East Trading & Oil-field Services (CMETS) a diversified and ISO 9001:2008 certified company based in Abu Dhabi - UAE, with branches in Kingdom of Saudi Arabia and Qatar. It was established as trading company and then shortly developed into a mid-size Engineering, Trading and System Integrator Group of companies.

CMETS built in trust and experience catering total solutions provider for government companies, EPC contractors, medium contractors & integrators, Traders and Stockiest in Oil & Gas, Power Generation, Petrochemical, Mining, Refining, Pulp & Paper, Cement, Marine & Offshore, Nuclear power, and Water & Waste water industries.

Today CMETS has forged for itself a respected reputation of expertise and excellence by efficiently catering to the needs of various industries by supplying supreme quality and reliable products and by providing specialist services. Our high standards solutions and on-time delivery ensure a strong relationship with our wide spectrum clients.

CMETS is capable to offer turnkey packages by highly qualified and skilled team, with dedicated, motivated and experienced engineers and technical staff trained to market and promote its principals' products, provide front line technical support and after sales services to clients.

The company operates in strict accordance with International Organization for Standardization 9001:2008.

Being an ISO 14001:2015 and OHSAS 18001:2007 organization, health, safety and environment are our prime objective to achieve zero harm goal.



## VISION

To be the solution provider by choice for supplying reliable and efficient products and services in Oil & Gas and other engineering industries.

## MISSION

To deliver high quality products and services with complete integrity and fairness at any time, in any environment for the benefit of our customers, shareholders, employees and the communities we serve.







# GMs Message

CMETS was founded as a trading establishment. Few years later, developed into engineering & services company in affiliation with world renowned manufacturers in USA, Europe and Asian countries.

CMETS built in trust; CMETS is continuously driving forward to be one of the best solution partner for Oil & Gas, power and utilities and commercial Industries.

With our proactive principals / manufactures we assure 24/7/365 dedication to support our end customers on all their requirements.

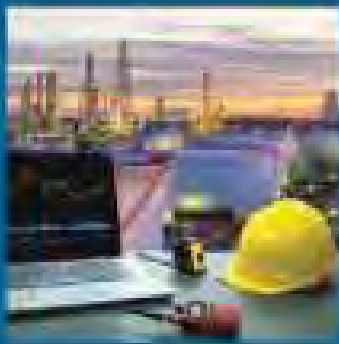
We are continuously monitoring the strategy of lateral and vertical diversification in Oil & Gas field and Power Generation industry to increase CMETS market share.

We believe there are challenges, but we are confident and optimistic for the bright future in the industry.

We have marked sustainable growth since established, and I am confident in our highly caliber, skilled and dedicated employees to support all our clients in any critical situation

**Mohamed Kasim**

# BUSINESS DIVISIONS



**Automation & Control Division**



**Electro-mechanical & Process Instrumentation Division**



**Power Energy Division**



**Trading Division**



We provide automation and control solutions, covering a wide range of applications and processes including Oil & Gas industries, Utilities, Water and Waste Water Treatment, Hospitals, Energy Sectors Commercial Buildings and Manufacturing industries.

We are one of the recognized System Integrator according to Estidama and other Green Energy/Eco solutions requirements.

We provide full range of Automation services including engineering, design, programming, fabrication, testing, installation, commissioning, start-up, and maintenance of a wide variety of control and power systems.



E&M division provides full range of pipeline products requirements, such as Industrial valves, actuators, Instrument fitting, tubing, Strainers, Pumps, etc.

Our activities includes supply, installation and commissioning of Electrical Actuators, MoVs /Valves Automation, Pipeline, Valves, Instrument Skids, etc.



We are a leading solutions, maintenance and repair services provider for Gas & Steam turbines and drive controls.

We represent Global Turbine and Rotary Equipment OEM and Specialist Companies to support end-user by providing Spares, Technical Support and Field Services.

We provide complete Engineering and Maintenance support for Gas Turbines including field support, troubleshooting, minor / major inspection and overhaul services, etc.

PE represents various manufactures / OEMs catering products and systems including Analyzer, Generators, Instrument Electrical Mechanical Spares, Control Boards, etc.



CMETS represents a selected number of renowned manufacturers and establishments specialized in providing various technical spare parts and supply of engineering / scientific materials and equipment.

We are specialized to source all kind of products through our corporate partnered offices in EU, UK, USA and Asian countries.

# AUTOMATION & CONTROL DIVISION

CMETSAE's Automation & Control Division is a leading automation solutions provider offering services in the marine and inland and covering a wide range of applications and industries including Oil & Gas, Refineries, Chemicals, Textiles, Paper Mills, Food Processing, Water Treatment, and Manufacturing. CMETSAE's Automation & Control Division has a proven track record in providing automation solutions for a wide range of industries.

CMETSAE's Engineering team has a wide range of skills and experience in providing automation solutions for a wide range of industries. CMETSAE's Engineering team has a proven track record in providing automation solutions for a wide range of industries.

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## OUR EXPERTISE

- Control & Automation Solution
- Panel Assembly and Manufacturing
- Integrated Control and Safety Systems
- Instrumentation
- Building Management System
- Lighting Control System
- Energy Management

## OIL & GAS AND MARINE

- Well-Head Controls
- Onshore and Offshore Platforms
- Skid Control Systems
- Fire & Gas Systems
- Bilge Alarm Systems

## WATER & WASTE WATER

- Sewage Treatment Plants
- Water Treatment Plants
- Irrigation Systems

## UTILITIES

- Turbine Control System
- Power Generation Station
- Air Compressor Controls

## INFRASTRUCTURE

- Building Management Systems
- Energy Monitoring Systems
- Lighting Control Systems

## CONTROL AND PROCESS AUTOMATION

- Process Control PLC & RTU
- SCADA, HMI & DCS
- Safety Systems - FGS / ESD
- Leak Detection System
- Field Instrumentation
- Skid Packaged Automation

## PANEL MANUFACTURING

- Control Panels, Network Cabinets
- HVAC / Power / Starter Panels
- Low voltage panels (Distribution Boards, SMDB, VFD panels, Capacitor Banks)

## ENGINEERING

- Functional Design Specifications
- Engineering Solutions
- Control Panel Design Documents
- Software Configuration and Development
- FAT / SAT Procedures
- As-Built Documentation







# Electro-mechanical & Process Instrumentation Division

We are one of the rapidly growing divisions of CMETS Group, supporting Middle East customers' full range of pipeline products requirements, such as Industrial valves, Electrical/Pneumatic actuators, Instrument tubing fittings, instrument valves, Strainers, Pumps, process line pipes and Fittings etc. Our division's key formula for success is the result of offering a comprehensive mix of competitively priced, high quality products backed by outstanding customer service.



As an ISO 9001:2008 certified company, we follow a continuous improvement philosophy, constantly revisiting all of our processes to offer you the best valve and fitting solutions every time, for every project.

Our key strength is our internationally reputed manufacturers who are approved with most of the end users in UAE, such as with ADNOC Group of companies, Power, Construction, Water treatment plants, HVAC, etc.

Our high standards of service ensure that our clients from various markets retain a strong relationship with us.

Today E&M division has forged for itself a respected reputation of expertise and excellence by efficiently catering to the needs of various industries by supplying supreme quality & reliable products and providing specialist services.

By constantly providing economical solutions and delivering it at the right time, CMETS has developed a strong rapport in the market and has become one of the most trusted engineering service providers for below mentioned products: Scope of Work: Supply, Installation, Testing / Commissioning and After sales service.



## VALVES (CONTROL & MANUAL-ALL TYPES)

- A. Gate & Globe valves
- B. Butterfly & Ball Valves
- C. Check & Needle valves
- D. Plug valves
- E. Double Block & Bleed valves
- F. Safety relief valves
- G. Solenoid Valves



## ACTUATOR FOR VALVES & DAMPERS



- A. Electrical
- B. Pneumatic
- C. Hydraulic

## INSTRUMENT FITTINGS & TUBING

- A. Instrument fitting, tubing, & valves
- B. Manifolds
- C. DBB
- D. Safety valves
- E. Pressure regulators
- F. Closed / open loop Sampling systems



## OTHER PIPELINE PRODUCTS



- A. Strainers
- B. Process line pipes & fitting
- C. Other pipeline accessories
- D. Pumps and Motors





# Valve Automation Solutions

Our team of experts provide valve automation services and solutions for electric, and pneumatic valve actuators using best quality components from a variety of respected manufacturers in the flow control industry.

As a leading provider of manual & actuated valves solutions in UAE, we have partnered with a select group of manufacturers to provide best-in-class valves and automation products, whether it's for a special one-of-a-kind solution or a large project.

We satisfy our customer's complete range of valve automation requirements for On/Off, Control, Emergency Shutdown (ESD) and specialty applications.

Engineered, manufactured, and tested in-house, our reputed manufacturer's valves, actuators, controls, and accessories are standardized to allow common components to be used on different assemblies, thus saving customers money and time.

As the industry becomes more complex with accessories and bus technologies, we are able to provide our customers with a complete solution. Whether you require pneumatic, or electric valve automation products and services, our global supply network shortens project lead times by being your single solutions provider.

Our world-class facilities in strategic regional hubs provide you with fast high-quality service. Our team of highly trained and experienced application engineers and technicians provide you with superior technical knowledge on products and applications.



## Maintenance, Repair and Inspection

Our skilled valve repair staff has the experience and competency to supervise your maintenance crew during critical valve service and repair.

You can surely maximize your manpower resources and minimize costs by letting our valve service team supervise your maintenance crews.



## Instrument fitting, tubing and valves

CMETS Group believes that quality components are fundamental for maintaining your safety, performance, and credibility.

We are proud to offer a comprehensive range of high-quality & cost-effective instrument fitting, tubing & valves, highly customizable for all your project requirements.

When you partner with us, you gain access to the complete range of high-quality fluid system components, technical training, and skilled associates who are passionate about helping you solve the tough problems you face in discovering new energy reserves.

As a global group of companies with a strong local presence, we can support you no matter whether your operating area is onshore or offshore.

Our trained engineers deliver on personal service that leads to high-value relationships you can count on in the long run.





# POWER ENERGY

Power Energy specialized providing sales & aftersales supports in Power and Utilities industry. We represent Global GT specialist companies to support end-user by providing spares, technical support and field services as:

## 1. Gas Turbine Solutions

Controls and excitation systems  
 Spares for GE Speedtronic: Mark I, Mark II, Mark III, Mark IV, Mark V, Mark VI, Mark VIe, LCI controls as well as EX2000, EX2100, Generrex, and Alterrex  
 Excitation spares.  
 Woodward: Netcon5000, Micronet - Rolls Entronic: FT-50, FT-100 & FT-110  
 Bailey: INFI90 - Bentley Nevada: Vibration Systems  
 SCADA DDC Controls: ABB, SIEMENS, ALLEN BRADLEY / ROCKWELL, FOXBORO, ETC  
 The spares includes for Gas Turbine and Steam Turbine industry "We support all Obsolete / out of date GE Speedtronic, EX excitation systems and the other OEMs"  
 We do Repair / Remanufacture and Exchange of all Types of Modules  
 We specialized in Gas Turbine Spares & Maintenance / Service and Training for all OEM Controls

## 2. Steam turbine solutions

Maintenance and overhauling of steam turbines  
 FRANCO TOSI, ANSALDO, SIEMENS, TOSHIBA, PIGNONE, RATEAU and more

## 3. Retrofit / Maintenance / Field services

## 4. Long term spares & service agreement

## 5. Critical gas monitoring and control

Including Condition monitoring, Predictive maintenance and Peripheral auxiliaries associated with generator cooling and seal oil systems

## 6. Excen explosion proof generators, enclosures and battery cabinets - Certified ATEX, IECEX, CSA, UL, NORSOK

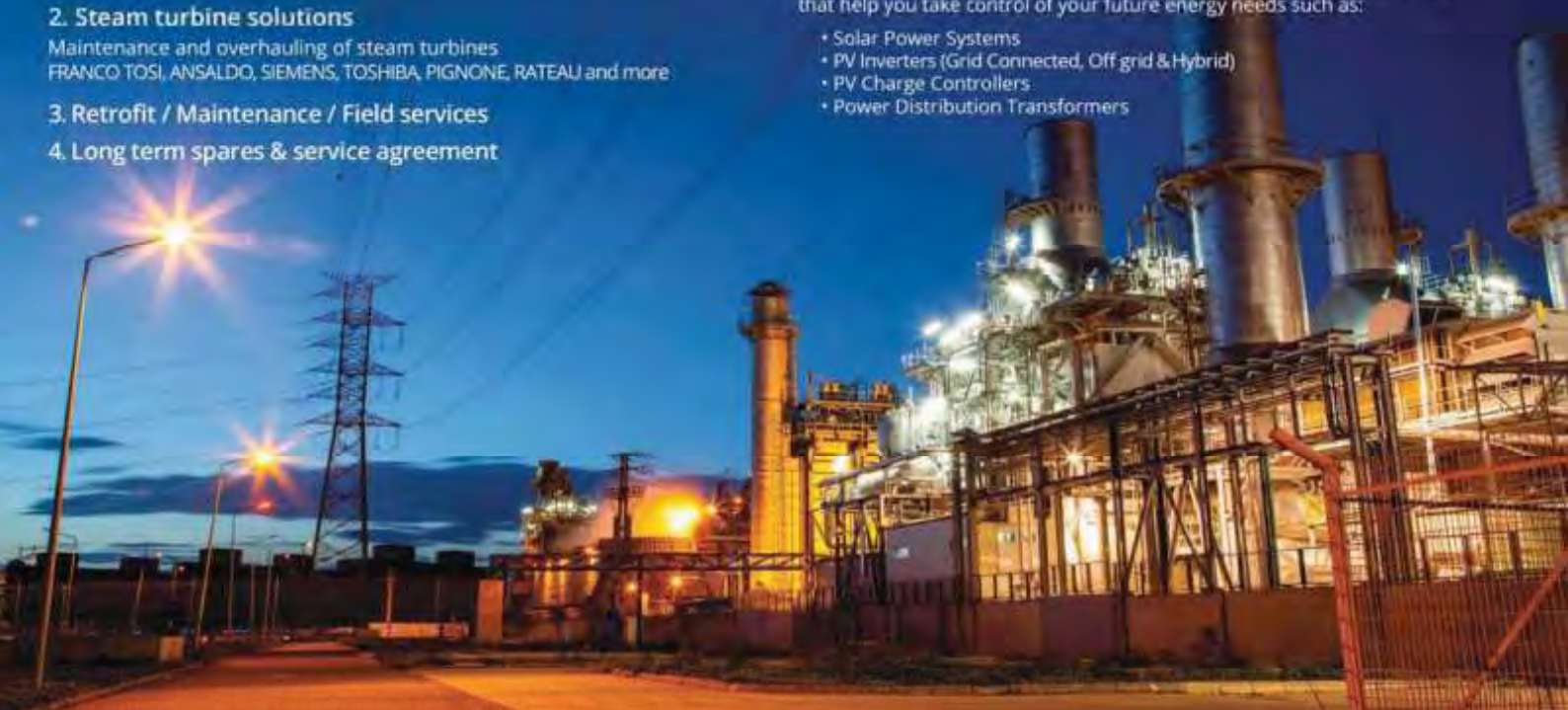
## 7. DWYER Products for Mechanical / Electrical Instrumentation

## 8. Pumps, Motors and Compressors

## 9. Solar Energy

Solar energy is a clean, renewable power source that impacts the planet minimally and does not emit harmful greenhouse gases. The solar energy industry is expected to increase 35 to 40 percent annually over the next decade. We provides sustainable, renewable and efficient energy solutions that help you take control of your future energy needs such as:

- Solar Power Systems
- PV Inverters (Grid Connected, Off grid & Hybrid)
- PV Charge Controllers
- Power Distribution Transformers







# Trading Division

## Cables & Accessories

Power / Electric Cables  
 Control & Instrument / Specialized  
 (Marine, Coal Mining, Compensation,  
 Submersible, Nuclear, High Temperature,  
 Compensation, Ungrouped Cables)  
 Low voltage/ High Voltage Copper Cables  
 Aluminum Cables  
 Fire-Resistant Wires / Cables  
 Flexible Wire /Data / UTP Cable  
 Cable Trays / Glands Cleats / Terminals  
 Copper Tube Terminals / Insulated Terminals  
 Compression Tooling  
 Cable joints / Terminations

## Low Voltage Systems

Security Solution  
 CCTV, Access Control, Intruder Alarm,  
 Antitheft Systems  
 Attenuators, Patch cords, Connectors, etc.  
 Voice Evacuation System, Intercom System  
 Audio Systems, Amplifiers, Conference Systems

## Electrical Spares

Drives & Soft Starters Modular  
 Distribution Board Components  
 Main Distribution/panel Board Circuit Breakers  
 Load Break Isolators/ Enclosed Isolators &  
 Changeover Switches | Panel Board Accessories

## UPS Systems

UPS, Batteries, Backup chargers and Racks



## Hazardous Area Supplies

EExe Terminal Boxes  
 Flameproof Enclosures  
 Ex Control Lamps, Pushbuttons, Enclosures etc.  
 Non-corrosive Fluorescent & Emergency  
 Luminaries

## Capacitors

High Voltage AC & DC Film Capacitors  
 Lighting Capacitors  
 Axial Leaded Film Capacitors  
 Defibrillator Capacitors  
 Flash Lamp / Laser Capacitors  
 Microwave Capacitors

## Industrial Supplies

Industrial Lights / Ballasts  
 Industrial & Marine Products  
 Gauges, thermo wells

## Pumps, Motors & Compressors

Air Operated (Diaphragm) pumps  
 Centrifugal Pumps / Water Pumps  
 Rotary Gear Pumps / Oil & Fuel Pumps  
 Submersible Pumps / Sanitary/Food Pumps  
 Electrical Motors / Compressors

## Health & Safety Equipment

PPE, Gas Detectors  
 Breathing Apparatus & Accessories  
 Safety Equipment



# INDUSTRIES & PRODUCTS / APPLICATIONS

We provide solutions, products and services  
for several industries:

Cement  
Chemical | Petrochemical  
Steels | Aluminum | Mining  
Paper | Plastics  
Food and Beverage  
Oil and Gas  
Onshore and Offshore  
Marine and Shipyards | Dry-docks  
Power  
Water and Wastewater  
Solar Energy  
Steel | Aluminum | Mining  
HVAC | District Cooling Centers  
Power and Transmission  
Refineries  
Food Industries

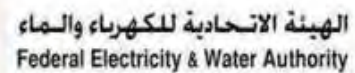




# APPROVALS

CMETS is registered with most of the local companies and government establishments in the U.A.E., particularly the Oil & Gas, Petrochemical and Power Generation Industries.

It is recognized as a well-established company capable of handling projects and providing specialized engineering equipment, services, manpower and training.



هيئة كهرباء ومياه الشارقة  
Sharjah Electricity & Water Authority



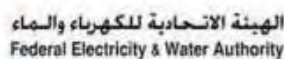
شركة أبوظبي للعمليات البترولية البرية (أدكو)  
Abu Dhabi Company for Onshore Oil Operations (ADCO)



## OUR CLIENTS

We serve a wide variety of customers from end users in the oil & gas, power, marine, process, steel, water/wastewater, and food processing industries as well as O.E.Ms and contractors.

We pride ourselves in personalized service that results in long term partnerships.





# PARTNERS



## AEROVOX

Aerovox is a leading manufacturer of high reliability film capacitors for industrial, medical and specialty applications serving original equipment manufacturers (OEM). Aerovox capacitors are among the world's most reliable electronic components. Aerovox supports a large number of industrial applications like Power Conversion, Induction Motors, Lighting Systems, Power Factor Correction and many more.



## ENERTORK

One of the major Electrical & Pneumatic actuator manufacturer in the world founded in 1987 and our high quality actuators are widely used in the water industry, petrochemical, Oil & gas, power plants etc.



## FITOK GMBH

FITOK Group's cost effective & high quality products includes General Instrumentation Valves and Fittings, Medium & High Pressure Valves and Fittings, Semiconductor & Specialty Gas Valves and Fittings, and Sampling Systems. FITOK Group has R&D centers, manufacturing facilities, warehousing and service locations in Offenbach Germany, Texas USA, Shenzhen China and UAE etc.



## E-ONE

E/One is a leading manufacturer and provider of products and services for Utility Systems for the protection and performance optimization of electric utility assets. E one product like Generator Gas Analyser, Dual Hydrogen Control Panel, and Generator Condition Monitors are widely used in Power, Oil & Gas and other sectors



## ABB

ABB have been in forefront since four decades innovating digitally connected and enabled industrial equipment and systems. They are the OEM's for major Control system products like PLC, SCADA and DCS as well as HV, MV and LV Electrical Products. Drives, Mechanical Power Transmission products, Transformers, Measurement and Analytical Equipment is also the major part of their Product List.



## DWYER

As a Leading manufacturer in the controls and instrumentation industry, they are the major OEM for field instrumentation not limited to HVAC, chemical, food oil and gas and pollution control industry. Their long product list includes Pressure gauges, manometers, level indicators / transmitters / switches, Actuators, Valves, Temperature Indicators/Sensors/transmitters, etc.



## EXCEN

EXCEN is specialised in the conversion of Electric & Diesel equipments for use in potentially explosive atmospheres from last 20 years. EXCEN build solutions for the Petrochemical and Pharmaceutical industries, Mining, Offshore Oil & Gas, On-shore refining and LNG projects. EXCEN is providing explosion proofing and hazard proofing for equipments like Generators, Compressors, Forklifts, Material Handling equipment and explosion proof electrical equipments.



## LAPP CABLES

LAPP Group is one of the world's leading cable, leads, cable accessories and systems of high quality. LAPP provides a Power and Control Cables, Data Communication Systems, Optical transmission Systems, Cable Accessories.



## SIEMAG

Siemag offers a wide range of air line accessories such as filters, pressure regulators and lubricators, instrumentation AFR, blow guns, pneumatic cylinders, solenoid valves, needle valves, flow control valves and other pneumatic products such as fitting, tubing, etc.



## FLUIDTECH VALVES

An ISO 9001-2008 manufacturer of industrial valves, safety relief valves, ball valves, plug valves, gate valves, globe valves, bellow sealed valves which is used in diverse industries such as power, chemical, process for Critical / High Temperature applications.

# CMETS GROUP

Crescent Middle East Trading & Oil-Fields Services - UAE

Crystal Middle East Electromechanical Equip. LLC - UAE

Crescent East Business Establishment - KSA

Crescent Middle East Trading & Oil-Fields Services - QATAR

## CONTACT US



### CMETS

Crescent Middle East Trading & Oil-Fields Services  
P.O. Box 48301, Abu Dhabi - UAE

Phone +971 2 55 99 563 | 549

Fax +971 2 55 93 224

Email [mail@cmetsae.com](mailto:mail@cmetsae.com)

Website [www.cmetsae.com](http://www.cmetsae.com)

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