

**Corporate Address:**

Tekzone  
P. O. Box # 121403, Dubai, UAE E: enquiry@tekzoneme.com | T:+971 4 3336844 | F:+971 4 3336855

**Dubai**  
P. O. Box # 121403, Ras Al Khor, Dubai, UAE  
E: infodubai@tekzoneme.com

**Sharjah**  
P. O. Box # 83773, Sajaa, Sharjah, UAE  
E: infosharjah@tekzoneme.com

**Abu Dhabi**  
P. O. Box # 54219, Musaffah, Abu Dhabi, UAE  
E: infoabudhabi@tekzoneme.com

**Al jubail - Saudi Arabia**  
Office 506, 101 Business Tower, Al jubail, KSA  
E: infojubail@tekzoneme.com

**Nigeria**  
No 41 Shonola Street,  
Off Ijaye Road,  
by Excellence Hotel Junction,  
Ogba Aguda, Ikeja Lagos.  
E: projects.Nig@tekzoneme.com

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

Re-engineering your view of engineering.





The power of passion and exceptional human and technological resources.  
The unwavering focus on innovation.  
The source of high productivity and pathbreaking means.  
The beauty of relationships through values.  
The joy of transcending high expectations.  
The undying thirst for humungous challenges.  
The results that are symbols of the indomitable spirit.

Tekzone LLC. A stellar UAE-based name in the realm of mechanical and electrical industrial projects.  
A brand with a rapidly expanding footprint.

**Think truly transformational engineering.**



**COVERING CRITICAL  
ECONOMIC SECTORS.**

**DISCOVERING THE POWER OF  
ABSOLUTE CLIENT  
SATISFACTION.**



**Oil and Gas**



**Power and Chemicals**



**Food and Beverages**



**Dismantling & Relocation**



**Special Industrial Projects**





## COMPREHENSIVE RANGE OF SOLUTIONS.

## CUTTING-EDGE QUALITY CONTROL AND SAFETY SYSTEMS.

### Mechanical scope

#### DESIGN & ENGINEERING

- Design of tanks
- Design of pipelines
- Design of skids & Structure
- Stress analysis

#### PIPING WORKS

- Oil & gas piping
- Hygienic/Food grade piping
- Compressed air piping
- Double jacketed piping
- Underground piping/road crossing
- Boiler/thermal oil piping
- Chilled water piping
- Laboratory gas piping
- CO<sub>2</sub> & Nitrogen piping
- Instrumentation tubing works
- HDPE piping works
- Double walled fuel piping
- UPVC welding
- Copper Nickel piping

#### TANK FABRICATION

- Storage tanks
- Pressure vessels
- Hygienic/Food grade tanks
- Double skin tanks
- Silos

#### STRUCTURAL WORKS

- Stainless steel structures
- Mild steel structures

#### EQUIPMENT INSTALLATION

- Heavy weight process machines
- High speed machineries
- Static and rotary equipments

### Electrical scope

#### DESIGN, SUPPLY & INSTALLATION

- LV Panels;
  - MDB, MCC, SMDB, DB, Capacitor Bank
  - VFD & Soft Starter Panels
- Cable Management; Cable Trays/Conduits – SS304, SS316, HDGI
- Bus Duct/Bus Bar Systems
- Local Authority Approvals

#### INSTRUMENTATION

- Process Instruments – Temperature, Pressure, Level, Flow, Transmitters, Controllers & Recorders
- Metering Systems - Flow Meters/Flow Computers
- Measurement & Controls
- Tank Gauging/Level Monitoring Systems
- Instrumentation/Control/Communication Cables

#### INDUSTRIAL AUTOMATION

- Turnkey Solution Provider
- Control System Design/PLC Programming
- Process Automation Systems
- Monitoring & Control - SCADA & HMI Systems
- Control Panels/RTUs/RIO Panels

### Demolition of plant & factories

- In UAE

### Dismantling & Relocation of factories

- In UAE
- Overseas





**MANY MIGHTY CHALLENGES  
CONQUERED.**

**A SEA OF CONFIDENCE  
GAINED.**



## Brazil Foods Factory (Sadia)

## Factory Dismantling & Relocation



Client : BRF & Amana  
 Year of Construction : 2013-2014  
 Type of contract : Mechanical, Electrical & Automation - Turnkey

|               |              |                                  |                |
|---------------|--------------|----------------------------------|----------------|
| <b>System</b> | Steam boiler | Thermal heater                   | Air compressor |
|               | LPG & LNG    | Diesel                           | Edible oil     |
|               | Marination   | CO <sub>2</sub> Fire suppression | Lab gas        |

**Piping** Stainless steel, Carbon steel, Food grade, Galvanized steel, HDPE, Jacketed

**Tanks** 35m<sup>3</sup> Double skin underground, 35m<sup>3</sup> SS 316 Food grade, Thermal oil, Water

**Industrial Automation** Programming, commissioning and startup of the supplied systems, including integration with main SCADA system. Level transmitters, temperature transmitters, process sensors and actuators.

**Electrical & Instrumentation** Form 4 type MCCs & PLC Control panels design and manufacturing. Cable trays fitting, power, control and instrumentation cabling.

Client : GE Middle East & DRC - Pepsi, Dubai  
 Year of Construction : 2017-2018  
 Type of contract : Mechanical and Electrical

|                     |                                       |                  |
|---------------------|---------------------------------------|------------------|
| <b>Major System</b> | Static and Rotary Machineries         | Conveyors        |
|                     | Compressed Air & Chilled Water Piping | Cabling & Panels |

**Equipments** High speed filling & packing line till robotic palletizer. Furnace, Automatic coating cells.

**Electrical** Disconnecting and reinstallation, testing and commissioning of;

- LV panels, MCCs, SMDBs & control panels for different systems.
- LV Power, control, instrumentation & communication cables.

**Packing and Transportation**

- Seaworthy/Normal packing
- Tagging and shipping using wooden crates
- Document generation using images and videos for a third party to reinstall the factory at their site.



## Emirates Global Aluminium



## Unilever Gulf, Dubai



**Project** : Alumina Refinery Project, Smp3  
**Main Contractor** : Bechtel Petrofac JV; Larsen & Toubro  
**Year of Construction** : 2017-2018  
**Type of contract** : Mechanical  
  
**Major System** Flushing Liquor Solution Pregnant Liquor Solution  
 Plant & Instrument Air Precipitation Slurry  
  
**Piping** 28Kms of Piping; Carbon Steel, Stainless Steel  
**Pipe Size** Pipe size ranging from 2" to 36"  
**Testing** 225 Nos test packs; test pressure range 18-60 bar  
**Structural Works** Fabrication and installation of structural support works

**Project** : Golden Finger Project  
**Year of Construction** : 2016-2017  
**Type of contract** : Mechanical, Electrical & Instrumentation  
  
**System** Hygienic Processing Filling & Packing Raw Material Tank  
 Compressed Air Chlorination System Ozonation System  
  
**Piping** Hygienic Piping, Stainless Steel, Carbon Steel, Galvanized Steel  
  
**Tanks & Structures** Installation of SS316L process tanks  
 Supply and installation of 250m<sup>3</sup> capacity raw water storage tank  
  
**Equipment Installation** Installation of Process, Filling and Packing Machineries  
 (Pester pac, Fords, Cermex, ILTI, Nordon, Posimat, Ronchi, Tolke, Advantage puck, Flexlink, Enmak etc.)  
  
**Electrical & Instrumentation** Power, control, RIO, MCC and server panels. Cable management, SS304 wire mesh cable trays/conduits. Field configuration of instrumentation systems for process area, tank farm and water treatment plant.



## Union Chlorine - Abu Dhabi

## Union Paper Mill, Dubai



**Project** : 85 Tons Per Day CaCl<sub>2</sub> Plant, Phase II, ICAD –III, Abu Dhabi.

**Year of Construction** : 2017

**Type of contract** : Electrical, Mechanical & Instrumentation activities

**System** Natural Gas Reactor Units Filter Press Prill tower Granulation System Evaporation Units

**Piping** Titanium Piping Stainless Steel FRP Piping UPVC

**Electrical & Instrumentation systems**

- LV panels, MCCs, SMDBs & control panels for different systems
- HDGI cable trays/conduits including supports
- LV Power, control, instrumentation & communication cables
- Calibration, fixing and field configuration of process instruments
- Earthing and lightning protection systems
- Plant and area lighting

**Project** : 3MW Steam Turbine Erection Project

**Year of Construction** : 2017-2018

**Type of contract** : Mechanical, Electrical & Instrumentation

**System** 3MW Steam Turbine Generator System Air Cooled Condenser Unit

**Piping** Stainless Steel, Carbon Steel

**Equipment & Structures** Steam Turbine, Gear box, Turbo Generator, Gland vent condenser, Air Cooled Condenser, Axial flow FRP fan with gear box and motor, Storage tanks, pumps etc.

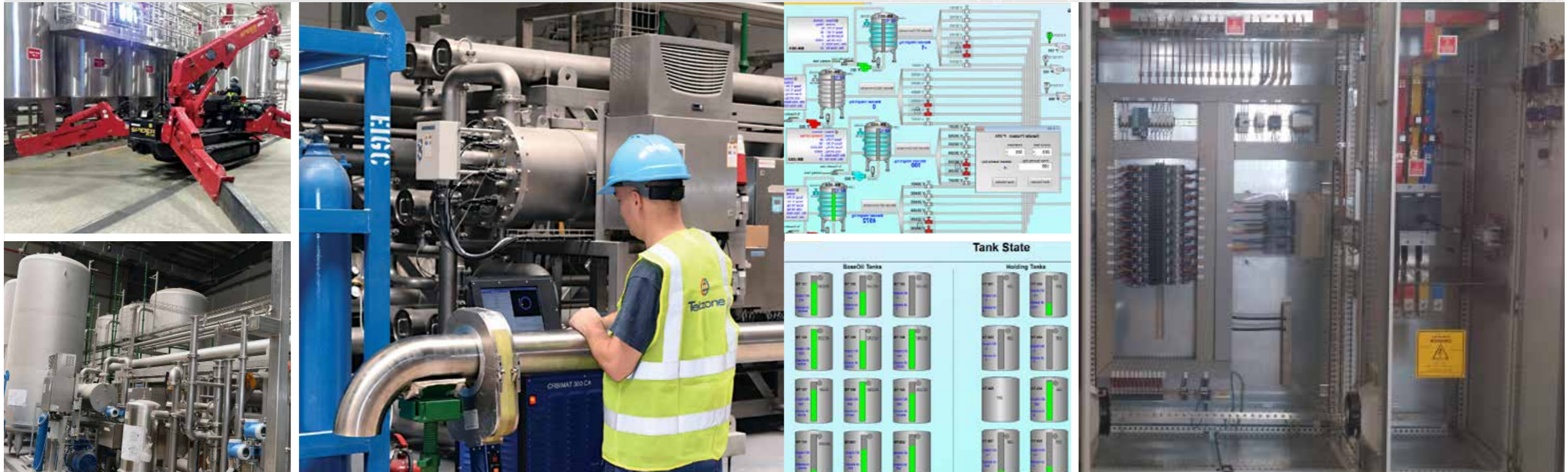
**Electrical & Instrumentation System** Installation, testing and commissioning of power, control, RIO, MCC, and server panels. Cable management.





## Dubai Refreshment Company (Pepsi)

## Fuchs Lubes & Grease Factory



Client : DRC & Veolia Water Systems  
 Year of Construction : 2013-2014  
 Type of contract : Mechanical, Electrical & Automation - Turnkey

System Design-utility services Raw water Sanitation  
 Swing bend panels Bottled water Chemical dosing

Piping Stainless steel food grade piping including endoscopic examination

Tanks 30m<sup>3</sup> Stainless steel: Cylindrical, horizontal and vertical tanks

Switchgears Switchgears, instrumentation & machinery electrical installation.  
 SS wire mesh trays fitting, power, control and instrumentation cabling for all supplied systems.

Client : Fuchs Lubes & Grease Factory  
 Year of Construction : 2013-2014  
 Type of contract : Electrical & Automation

System Blending oil Grease plant SCADA Tank gauging  
 MCC panel RIO panels PLC upgrade

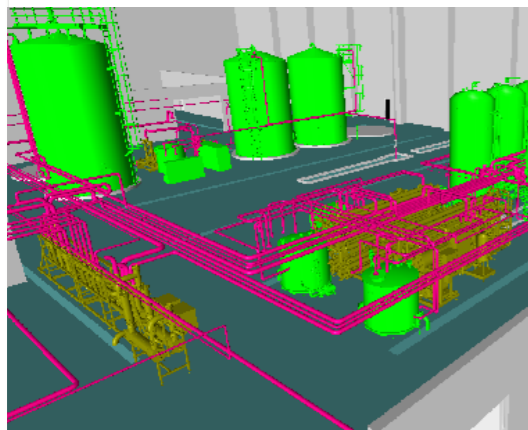
Piping Carbon steel, Galvanized steel

Instrumentation WinCC Redundant SCADA system developing and startup including process reports, formulations, quality control and related features.  
 blending oil automation with Siemens PLC  
 Guided wave radars for tank gauging and stock control via automation system

Switchgears MCC & RIO panels design, manufacturing and installation.  
 Power, control and instrumentation design, supply and installation.

## Oil & Gas Projects

## TOTAL Lubricants Middle East



Client : Adnoc, Emarat, Enoc  
 Year of Construction : Since 2007  
 Type of contract : Mechanical, Electrical & Automation Works

System Gasoline piping Berth piping Floating jetty  
 Dispenser Floating roof Foam piping

Piping Carbon Steel, Stainless steel, double walled pipe

Tanks Floating roof - 36M dia

Electrical & Instrumentation Depo tank farm, fuel dispenser, floating jetty

Client : TOTAL Lubricants Middle East  
 Year of Construction : 2012-2013  
 Type of contract : Mechanical, Electrical and Automation - Turnkey

System Metering Skid Oil blending station Thermal oil

Piping Carbon steel, Galvanized steel, Stainless steel wire braided Hose

Tanks 120 m<sup>3</sup> Rectangular, 60 m<sup>3</sup> Dish end, 120m<sup>3</sup> Cylindrical

Instrumentation Wonderware SCADA system Upgrade  
 Programming and startup for 2 inline blenders.  
 Coriolis type flowmeters, level switches and temperature transmitters. Guided wave radars, tank gauging and stock control for supplied tanks.

Switchgears RIO panels design, manufacturing, installation and commissioning.  
 Power, control and instrumentation design, supply and installation.



GENUINELY RESPECTING WHAT  
NATURE HAS ENGINEERED.

COMPLETELY MEETING  
ALL INTERNATIONAL  
ENVIRONMENTAL NORMS.

Our passion is even more pronounced when it is the question of environmental conservation. We scrupulously adhere to all environmental norms and global best practices. Our constantly honed innovative techniques ensure efficient use of natural resources and the sustenance of a healthy environment.

Frequent self-assessments are made to guarantee safety in every dimension of environmental conservation.

Our processes are research-founded and substantially involves the environmental care perspective.

We are about a rock-solid commitment to caring in absolute ways for everything nature has engineered.



# A LONG LIST OF DISTINGUISHED CLIENTS A BROAD VIEW OF OUR HIGH SIGNIFICANCE.



ISO 9001:2015, ISO 14001:2015, OHSAS 18001:2007 Certified



“ Tekzone ensures confidence for the Factory Directors to build & upgrade the factory within a scheduled time frame, with quality and reasonable price, using our engineering experts & technicians, all operating under one roof. ”

