Orostar

Your Partner in Electrical Engineering Solutions

IECEx **Ex**

CERTIFIED MANUFACTURING FACILITY

About Us

OROSTAR Engineering – a name synonymous with innovation and excellence in the field of hazardous area electrical equipment. Since our inception in 2007, we've been at the forefront of innovation, constantly pushing the boundaries to provide our clients with the latest and best technology at competitive prices. We are passionate about staying at the forefront of innovation, and our R&D team continuously keeps a close eye on the markets and emerging technologies. This allows us to provide our clients with the latest and greatest equipment at a competitive price point. We believe that our commitment to innovation is what sets us apart in the industry, and we take pride in delivering the best possible solutions to our clients.

OROSTAR is ISO Certified, and our facility is fully equipped to manufacture custom – designed Power panels, PLC - HMI control panels, HV DB'S, SCADA Systems, VFD Control Panels, Distribution boards, Control Stations, Motor Starters, Plug & Socket , Cable Glands etc., to use in Hazardous Areas as well for Safe Areas.

OROSTAR has a team of Well qualified engineers trained to support the customers in equipment selection & providing the Complete Solution in various Industrial Applications like Water Treatment, Reverse Osmosis, Oil & Gas, Food processing, Chemical Batching, Cranes etc.,

OUR PROJECTS

ATEX & IECEx Certified
Px Py Pz

PURGE /PRESSURIZATION SOLUTIONS

UL508A
Class I Division 2
Groups B,C,D,F&G
Type 1,12,4 and 4X
Zone 1 AEx
Zone 21 AEx

UL CERTIFIED PANEL

Portable type Socket
DB for the
Maintenance Job in
Oil & Gas

SOCKET DISTRIBUTION BOARD

Ex de CERTIFIED DBs & CONTROL PANELS

Available in GRP Stainless Steel and Aluminium MOC's

NITROGEN- ANALYSER AND MONITORING SYSTEM

This skid is designed for monitoring the presence of O2, H2S, and Hydro Carbons (HC) in Nitrogen Gas

POWER DISTRIBUTION & ANNUNCIATOR PANEL

Portable Pressure monitoring and alarm annunciator system

IECEx

OUR PROJECTS

www.orostar.ae

CASTIRON Ex d PANEL

Lighting and Power Distribution Panel made with Zone 1 certified Cast Iron enclosures

AIC AND MSU

Air Inlet Control Panel and Multi Sensing Unit for Gas Sensing and Shutdown

SAFEAREA POWER & CONTROL PANEL

3200A rated MCC panel for HVAC Control System with SCADA

IECEx

OUR PROJECTS

Electrification of Containers for the Crude Oil Extraction Skid

SAFEAREA-VFD CONTROL PANEL

Typical Ex d Heat Tracing Panels for Zone 1 and Zone 21

HEAT TRACING PANEL

15kVA UPS for Safearea

INDUSTRIAL UPS & BATTERY

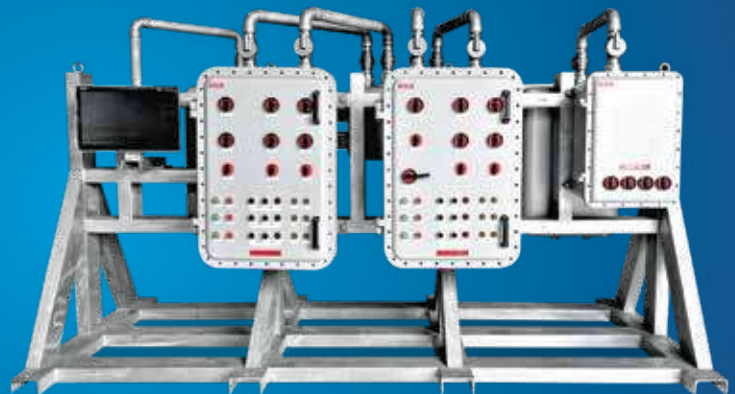IECEx Ex

PLC & SCADA & HMI

Ex CERTIFIED HMI

CHEMICAL INJECTION SKID CONTROL SYSTEM

PLC BASED HVAC CONTROL SYSTEM

FOAM GENERATOR CONTROL SYSTEM

HMI & PLC BASED ZONE 2 CERTIFIED CONTROL PANEL

FUEL TRANSFER CONTROL SYSTEM

DDC BASED HVAC CONTROL SYSTEM

OUR PRODUCTS

STARTER / MCC

ATEX-IECEx Certified
Gas: Zone 1 & 2, Dust: Zone 21 & 22
DOL/Star-Delta/Soft Starter/VFD

DISTRIBUTION BOARD

ATEX-IECEx Certified
Gas: Zone 1 & 2, Dust: Zone 21 & 22
Gas Group IIC (Acetylene / Hydrogen)

CONTROL PANELS

For Safearea & ATEX-IECEx Certified
Gas: Zone 1 & 2, Dust: Zone 21 & 22
Relay/PLC Based Hazardousarea/Safearea
On Request- UL, NEMA, IEC, NEC, ECAS-Ex, TRCU(EAC),
INMETRO, RINA, PESO, KC

OUR PRODUCTS

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LOCAL CONTROL STATIONS(LCS)
ATEX-IECEx Certified
Gas: Zone 1 & 2, Dust: Zone 21 & 22
Ex d, Marine Grade Copper Free Aluminium Alloy
Ex de, Stainless steel/GRP
With Indication lamps, Push Buttons, Switches and Measuring devices

SWITCHES / ISOLATORS
ATEX-IECEx Certified
Gas: Zone 1 & 2, Dust: Zone 21 & 22
Ex d, Marine Grade Copper Free Aluminium Alloy
Ex de, GRP
ON-OFF/ Change over Functions

JUNCTION BOXES
Ex d, Ex e, Ex i, IIB, IIB+H2, IIC
ATEX-IECEx Certified
Gas: Zone 1 & 2, Dust: Zone 21 & 22

PULL BOX (IIC)
ATEX-IECEx Certified
Gas: Zone 1 & 2, Dust: Zone 21 & 22

MV/HV JBs- Ex & SAFEAREA
ATEX-IECEx Certified
Gas: Zone 1 & 2, Dust: Zone 21 & 22
IIB+H2/IIC T5/T6, IP66 for Safearea
Medium Voltage & High Voltage Junction Boxes
Type Tested upto 13kV/60kV/25kA/62.5kA

LIGHT FIXTURES

ATEX-IECEx Certified
Gas: Zone 1 & 2, Dust: Zone 21 & 22
Linear, Bulk Head, Flood Light, Exit light, Emergency Lighting, High Bay light, Illuminated Wind Socks, Aviation light, Signal & Obstruction

HAND LAMPS

ATEX-IECEx Certified
Gas: Zone 1 & 2, Dust: Zone 21 & 22

PLUG & SOCKETS

ATEX-IECEx Certified
Gas: Zone 1 & 2, Dust: Zone 21 & 22
Ex d Marine Grade Copper Free Aluminium Alloy
Ex de GRP

PORTABLE PLUG & SOCKET TROLEY

ATEX-IECEx Certified
Gas: Zone 1 & 2, Dust: Zone 21 & 22
Ex d Marine Grade Copper Free Aluminium Alloy or Stainless steel
Ex de GRP

SOLAR PANEL, BATTERY AND UPS SYSTEM

Certified for Zone 1 & 2 hazardous area
IP Tested for Safe area application

OUR PRODUCTS

| Ex de OPERATORS & INDICATORS | CABLE GLANDS | PLUGS & ADAPTORS | DRAIN / BREATHER | Ex PHOTOCELL |

| HOOTER & BEACON | WATERPROOF ENCLOSURE IP67 IP68 | FIRE RATED ENCLOSURE |

| Ex ACCESS POINT & WIFI | Ex ANTENNA & BARRIER | Ex COUPLER - USB/ETHERNET | IIoT NETWORK TECHNOLOGY SENSORS | LIMIT SWICTHES |

| Ex EXHAUST FAN | Ex HEATER | FIRE & GAS PANELS | WIRES & CABLES | SWITCHES AND TRANSMITTER |

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PO Box 77495, Ras Al Khor Industrial Area 1, Dubai – UAE
+971 504354079, +971 4 3339371 **+971 4 3339372**
salessupport@orostar.ae, **info@orostar.ae**