



شركة المكتشف الحديثة MODERN EXPLORER COMPANY LLC

Electro Mechanical Industries
Projects Division



Design, Supply, Instalation, Testing and Commissioning of complete MEP systems

- ◆ Electromechanical
- ◆ Pumping Solutions
- ◆ Electrical
- ◆ Plumbing
- ◆ HVAC
- ◆ Swimming Pool & Fountains
- ◆ Water Treatment Systems
- ◆ Fire Fighting Systems
- ◆ Facility Management Services



MECHANICAL, ELECTRICAL & PLUMBING

EMPOWERING CHANGE

ABOUT US

Modern Explorer Company LLC is an First grade company established in 2009 in the Sultanate of Oman, with a key focus in the field of Electro Mechanical and Project Management Services. Our Company provides high quality engineering services with a wide range of products and long standing alliances forged with worldwide manufacturers of international reputation.

Modern Explorer Company LLC is able to serve all Major Water, Oil and Gas, Power and Large Commercial and Infrastructural Projects in sultanate of Oman.

Modern Explorer Company LLC brings together young and experienced professionals from a wide range of disciplines and encourages them to look beyond the domains of their own specialization to come up with innovative solutions to guarantee highest levels of client satisfaction with competent, timely, and cost effective solutions.

Our Goal is to satisfy customers by serving them with a Unique, High Quality, Cost Efficient Service complying with both local and worldwide standards, and in pursuit of this goal, being respectful and sensitive to the environment, while taking care of our worker's health and their occupational safety.

Our Moto is to serve with a commitment for the Safety of Life and Property providing product and service with a Guarantee of the Highest Standards in the Industry.

MEP & Electro Mechanical

Modern Explorer Company LLC mission is to be the leader in the field of Electro Mechanical Contracting works such as Electrical Installations, Water Pumping Systems, Installation Heating Ventilation and Air Conditioning (HVAC), Plumbing works on epic basis (Engineering, Procurement, Installation & Commissioning), Water Treatment System, Swimming Pool Systems. We have an in-house MEP division running operation & being managed by highly qualified and experienced personnel supported by technically efficient and competent workforce capable of handling the projects of different nature and volumes.

Modern Explorer Company LLC MEP division is backed by a team of highly efficient management specialized in medium and large industrial projects, focused on expansion different fields of infrastructural projects and is aiming for broadening its operational experience by way of its commitments for consistent performance record.

The expertise available as an in house, a well capable of working in any dimension and does possess a specifications in a sectors of MEP, Electro Mechanical, General Trading and Facility Management.

- Installation, Testing & Commissioning
- Operation & Maintenance
- Procurement, Planning & Ordering
- Design Engineering of all MEP Services
- Project Management
- All types of Maintenance and Repair work (MEP & Electro-Mechanical)

Modern Explorer Company LLC is committed to the objectives of quality works and timely completion of the projects to the complete satisfaction of clients.



SERVICES

Experience, Knowledge, Creativity, and Technical Expertise are combined together in every services we offer, Services encompassing all areas of Design Engineering, Supply, Installation, Supervision, Testing, commissioning and Project Management are delivered with synergy through multidisciplinary teams that provide the precise scope of work

- Electromechanical
- Pumping Solutions
- Electrical
- Plumbing
- Heating, Ventilation
Air Conditioning & Refrigeration
- Swimming Pool & Fountains
- Water Treatment Systems
- Fire Fighting Systems
- Facility Management Services

PRODUCTS

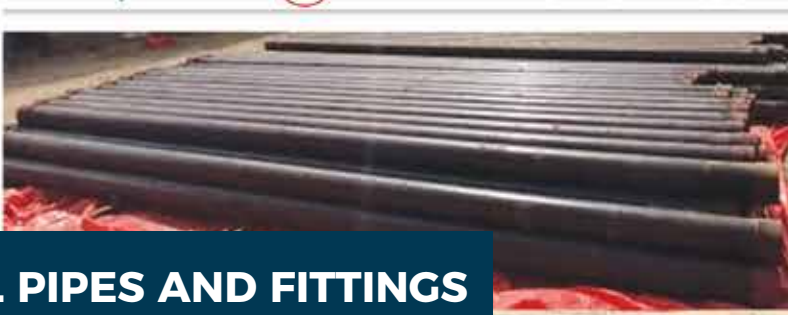
- PUMPS
- STEEL PIPES AND FITTINGS
- CONTROL VALVES
- POWER GENERATORS
- AC DRIVES AND VOLTAGE STABILISERS
- ELECTRICAL CABLES
- HVAC
- FOUNTAINS AND SWIMMING POOL EQUIPEMENTS
- WATER TREATMENT SOLUTIONS
- SOLAR POWER SOLUTIONS



PUMPS

- SURFACE PUMPS
- DOUBLE SUCTION CENTRIFUGAL PUMPS
- SUBMERSIBLE BOREHOLE PUMPS
- BOOSTER PUMP SETS
- MULTISTAGE PUMPS
- WASTEWATER / SEWAGE PUMPS
- SOLAR PUMPS
- FIRE PUMPS

BRANDS



STEEL PIPES AND FITTINGS

CARBON STEEL PIPES

SEAMLESS - Carbon Steel Seamless Pipes in sizes from 1/8" to 56" conforming standard of API 5L (PSL1 - PSL2) / ASTM A53 / A106 in various thickness and grades (Gr.B, X42, X52, X60, X65, X70)

WELDED - Carbon steel welded pipes are available in various standards, sizes, and grades. ERW sizes 1/2" - 24", SSAW / LSAW sizes 16" - 120"

CASING & TUBING

Tubing API 5CT GR. H - 40, J/K - 55, L/N - 80, C - 90/95 GR.T - 95, P - 110, Q - 125, Sizes: 2 3/8" - 4 1/2"

Casing API 5CT GR. H - 40, J/K - 55, L/N - 80, C - 90/95 GR.T - 95, P - 110, Q - 125, Sizes: 4 1/2" - 20"

STAINLESS STEEL PIPES AND FITTINGS



**CONTROL VALVES
FIRE PROTECTION
PETROCHEMICAL
OIL & GAS
POWER, MINING
BUILDING CONSTRUCTION
MARINE AND WATER**

- ◆ Ball Valve ◆ Gate Valve ◆ Globe Valve ◆ Check Valve ◆ Knife Gate Valve ◆ Pressure Relief Valve
- ◆ Double Disc Gate Valve ◆ Dual Plate Check Valve ◆ Butterfly Valve ◆ Safety Valve
- ◆ Control Valve ◆ Plug Valve ◆ Actuators And Control

BRANDS





GENERATORS

GENERATORS TYPES

- OPEN TYPE GENERATORS
- SOUNDPROOF GENERATORS
- CONTAINERISED GENERATORS
- MEDIUM & HIGH VOLTAGE GENERATORS
- GAS GENERATORS

BRANDS

CUMMINS
PERKINS
CATERPILLAR
VOLVO PENTA



AC DRIVES AND VOLTAGE STABILISERS



AVR (AUTOMATIC VOLTAGE REGULATOR) - RANGE: 45KVA TO 8000 KVA
VFD (VOLTAGE FREQUENCY REGULATOR) - RANGE: 0.75KW TO 1400KW

BRANDS



ELECTRICAL CABLES

- HOUSE WIRE AND FLEXIBLE CABLES UPTO 1100V
- LV, MV & HV CABLES
- SUBMERSIBLE PUMP CABLES
- SENSOR CABLES

MV CABLES - Product Range

- 1 core - 50 to 1000 mm²
- 3 core - 16 to 400 mm²

LV CABLES PRODUCT RANGE

- 1 core - 50 to 1000 mm²
- 2 core & 5 core - 1.5 to 120 mm²
- 3 core & 4 core - 1.5 to 400 mm²

HV CABLES PRODUCT RANGE

- 3 CORE - 150 - 2500mm²

BRANDS



HEATING VENTILATION AIR CONDITIONING AND REFRIDGERATION (HVAC) (SUPPLY, INSTALLATION COMMISSIONING AND MAINTENANCE)



BRANDS



CATAGORIES:

1.DX SYSTEMS

- WALL MOUNTED SPLIT UNIT
- CASSETTE AC
- COOLING TOWERS
- VARIABLE REFRIDGERANT FLOW SYSTEM (VRF OR VRV)
- PACKAGE UNITS
- DUCTED UNITS

2. CHILLED WATER SYSTEM

- CHILLER SYSTEM
- FAN COIL UNIT
- AIR HANDLING UNIT (AHU)

Air-conditioning systems and equipment of all sizes and capacities from 1 Ton to over 250 Tons are installed for residential, commercial, and industrial applications including BMS integration, remote monitoring, electronic controls and related work.

work comprising duct fabrication and installation (SS and AI for industrial applications, GI for commercial and residential applications), MS ,GI, Cu. PVC, ABS piping, insulation with phenolic foam, Polyurethane, PP, FG, Rock Wool fabric material



WATER TREATMENT SOLUTIONS

- | Cooling Water Treatment
- | Boiler Water Treatment
- | Chiller Water Treatment
- | Swimming Pool Water Treatment
- | Potable Water Treatment
- | Dosing Systems & Controllers
- | Water Quality Monitors & Controllers

WATER TREATMENT PLANTS

- | Filters
- | Softeners
- | Reverse Osmosis

BRANDS



SWIMMING POOL & FOUNTAINS EQUIPEMENTS

SWIMMING POOL

- | POOL PUMPS
- | POOL LIGHTS AND TRANSFORMER
- | SUCTION INLET AND WALL INLET
- | MAIN DRAIN
- | FILTRATION SYSTEMS
- | SKIMMER
- | POOL FITTINGS
- | OVERFLOW LADDER
- | SAFETY PRODUCTS
- | VACCUM HOSE
- | CLEANING PRODUCTS

FOUNTAIN

- | FOUNTAIN LIGHT
- | FOUNTAIN NOZZLE
- | FOUNTAIN PUMP



BRANDS



SOLAR POWER SOLUTIONS

Stand-Alone Solar Power Systems

Application : In remote areas where electricity grid is NOT Available and one needs to generate own electricity station.

Capacity : 5W ~ 10Kw - 12V/24V/48Vdc

Operational Hours : 10Min - 24hrs (upto 5 days Battery Autonomy)

- These systems are comes with a battery back up.
- It's extremely powerful and yet very simple to use.
- A complete stand-alone power supply where grid power cannot be reached.
- Suitable for camping, outdoor activities, construction work, or living in remote areas.
- It can provide instant power supply to your electronic devices or appliances.

Solar Charge Controller

Type : PWM & MPPT

Range : 10A ~ 60A - 12V/24V/48V/120V

- It regulates the voltage and current coming from the solar panels going to the battery.
- It's the energy manager in a PV system, ensuring that the battery is cycled under conditions which do not reduce its ability to deliver its rated capacity over its expected lifetime.
- Most "12 volt" panels put out about 16 to 20 volts, so if there is no regulation the batteries will be damaged from overcharging.



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