

ELECTRICAL & INSTRUMENTATION



Hheavy Engineering Industries & Shipbuilding Co. K.S.C. (Public) (HEISCO) is a leader in providing comprehensive Electrical, Instrumentation, and Telecommunication solutions across Kuwait and the Middle East. With decades of proven expertise, we serve a range of industries, including oil and gas construction, power generation, and industrial operations.

Our Focus Areas

We deliver integrated solutions at every phase of the project lifecycle:

- **Project Management** – Strategic planning, coordination, and execution.
- **Design & Engineering** – Tailored, robust, and cost-effective solutions.
- **Procurement** – Timely sourcing of quality materials and equipment.
- **Construction** – Safe and efficient installation and execution.
- **Maintenance** – Long-term support for uninterrupted operations.
- **Telecommunication** – Advanced and reliable network solutions.
- **Cathodic Protection** – Safeguarding assets against corrosion.
- **Calibration & Testing** – Ensuring accuracy and reliability of systems.
- **Troubleshooting** – Swift resolution of technical challenges.
- **Testing** – Ensuring accuracy and operational integrity.
- **Pre-Commissioning & Commissioning** – Ensuring a Safe handover for long-term operations.



Health, Safety,
Environment
- Our Priority.

Advanced Capabilities

Our Electrical & Instrumentation Division is supported by state-of-the-art facilities, specialized instruments, and advanced tools, enabling us to execute projects with precision. Our expertise spans both onshore and offshore operations, meeting the most demanding operational requirements.

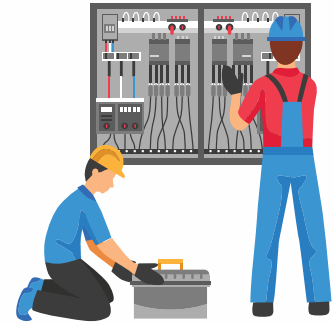
Calibration & Testing

HEISCO, through its dedicated in-house calibration and testing facilities, offers services for both internal projects and external clients. As an integral part of Electrical and Instrumentation execution, our calibration and testing services ensure accuracy, reliability, and compliance with international standards. Backed by advanced instruments and skilled professionals, we validate system performance and minimize downtime during pre-commissioning and commissioning phases.

Expertise You Can Trust

Our team of qualified and experienced professionals applies advanced technologies across Electrical, Instrumentation, and Telecommunication disciplines, including:

- **Electrical Power & Control Systems**
- **Instrumentation & Automation Systems**
- **Telecommunication Networks**
- **Cathodic Protection Solutions**
- **Wellhead Automation & Related E&I Works**



Commitment to Excellence

We go beyond service delivery—we ensure value, reliability, and innovation. Our Electrical, Instrumentation & Telecommunication Division continues to play a vital role in Kuwait's growth by powering industries, ensuring operational efficiency, and driving sustainable solutions that surpass industry standards across diverse sectors.

Approvals & Recognition

- **Category 1 Contractor** – Electrical works approval from the Central Agency for Public Tenders (CAPT).
- **KPC Approved Electrical & Instrumentation Contractor** – Approved by Kuwait Petroleum Corporation (KPC) and subsidiaries (KOC, KNPC, KIPIC, KGOC, KOTC etc.).

OUR RECENT MAJOR ELECTRICAL AND INSTRUMENTATION PROJECTS:

- Gatehouses project at Mina Al Ahmadi & Mina Abdullah Refinery for Kuwait National Petroleum Company.
- EPC Works at the Qurayyah Expansion CCGT IPP Project with the main contractor for Saudi Electricity Company.
- Safety & Security Enhancement and SCADA System for Jurassic Wells at North Kuwait Areas for Kuwait Oil Company.
- Gas Train 5 (GT5) Project at Mina Al Ahmadi Refinery with the main contractor for Kuwait National Petroleum Company.
- Kuwait Integrated Digital Field (KWIDF) Jurassic Gas Field Technical Support and Services for Kuwait Oil Company.
- Construction of New 11 KV, 10 MW Substations each in Abduliah and Dharif Area for Kuwait Oil Company.
- Calibration and Comprehensive Maintenance of Metering Systems at CNT Areas for Kuwait Oil Company.
- Construction of 11 KV elevated ESP area substations 4 and 5 in South and East Kuwait area for Kuwait Oil Company.



Engineering Excellence in Electrical & Instrumentation

- Upgrade of Fuel Supply Infrastructure in Doha West Power Station for Ministry of Electricity and Water and Renewable Energy.
- Sulfur Granulation and Conveying Unit for Az-Zour New Refinery Project with the main contractor for Kuwait Integrated Petroleum Industries Company (PKG-3).
- Upgrade of Fuel Supply Infrastructure in Sabiya West Power Station for Ministry of Electricity and Water and Renewable Energy.
- New Refinery Project (PKG 2&3) - Sulfur Area at Az-Zour - with the main contractor for Kuwait Integrated Petroleum Industries Company.
- New Refinery Project (PKG 4) - at Az-Zour with the main contractor for Kuwait Integrated Petroleum Industries Company.
- SPM Buoy refurbishment and chain replacement for Saudi Arabian Chevron.
- Debottlenecking of GC-17 for Kuwait Oil Company.
- Manifold Group Trunk (MGT) Line system for Gathering Centers – GC 29, 30 & 31 – with the main contractor for Kuwait Oil Company.
- Clean Fuel Project – MAB2 - Area 3 – with the main contractor for Kuwait National Petroleum Company.
- Gathering Centre - GC 30 Project with the main contractor for Kuwait Oil Company.
- M20 Substation project at Mina Al Ahmadi Refinery with the main contractor for Kuwait National Petroleum Company
- North LPG Tank Farm (NLTF) Project with the main contractor for Kuwait National Petroleum Company.
- New Um-Al-Aish LPG Filling Plant with the main contractor for Kuwait Oil Tanker Company.
- Construction of Main Intake (20MW) New Elevated A-27 substation for Kuwait Oil Company.



KOC - 11kV Elevated ESP Area Substation (4&5)



KOC - Kuwait Integrated Digital Field (KWIDF) Proj.



KOC - SCADA System for Jurassic Wells at NK Areas



Gathering Centre (GC-30) Project



KOC (A-27) Substation



Clean Fuel Project (PKG # 4)



M20 Substation Project



Sulfur Granulation Unit Project



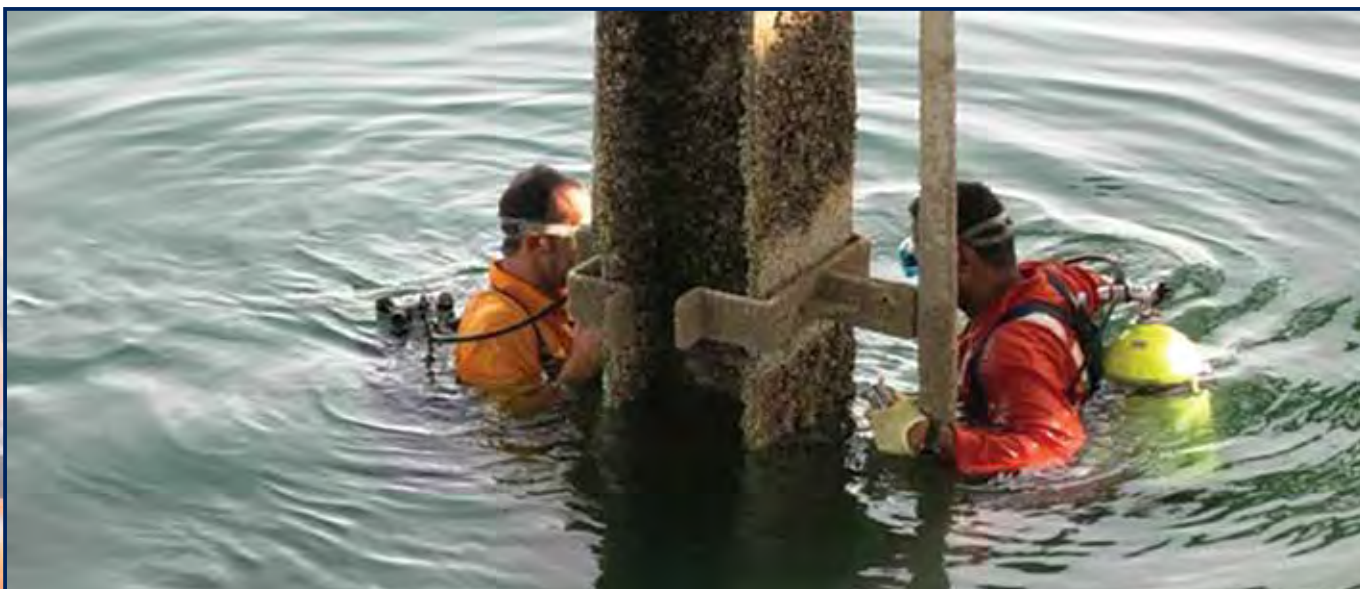
SPM Buoy Refurbishment and Chain Replacement



Electrical Equipment Calibration



DIVING CREW INSTALLING THE ANODE ASSEMBLY



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