



**FELTON**  
Energy Services Limited



Corporate Profile



## **Our Vision**

To be the foremost Indigenous company providing quality and unrivalled services to the Oil, Gas and energy Industry in the world.

## **Our Mission**

To be the leading wholly indigenous oil and gas company providing our client with quality, efficient, and cost-effective service delivered by well-trained and highly motivated Nigerians, using the latest innovations in an environmentally friendly manner to generate superior returns for our stakeholders.



# About Us

**Felton Energy Services Limited** (FESL) is an indigenous ISO-certified EPCIM organization delivering integrated Engineering, Procurement, Construction, Installation, and Maintenance services to the Oil & Gas, Energy, Manufacturing, and Power sectors. We support clients from concept and detailed engineering through procurement, execution, commissioning, and ongoing asset support, helping them deliver projects safely, on time and within budget across the full asset lifecycle.

Our work is grounded in engineering discipline, structured delivery and a deep understanding of the operational, regulatory and integrity demands of energy infrastructure.

A key strength of our delivery model is our strong technical and commercial partnerships with renowned Original Equipment Manufacturers (OEMs). Through these collaborations, we provide clients with direct access to proven technologies, certified equipment, and specialist technical expertise. Our OEM relationships enhance both our procurement capability and our engineering execution, ensuring quality, reliability, and compliance with international standards.

By combining in-house engineering expertise with trusted OEM partnerships, we are able to offer optimized solutions, reduced lead times, and efficient project execution, tailored to the specific requirements of each project. Our integrated approach enables seamless coordination across disciplines, minimizing interface risks and ensuring consistent quality throughout project delivery.

Felton Energy Services Limited is committed to safety, technical excellence, and long-term value creation. We work closely with our clients to deliver practical, cost-effective solutions that enhance asset performance and support sustainable operations.

# Our Major Services

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# 1.

## Rotating Equipment Services

FESL provides comprehensive gas turbine (GT) and gas turbine generator (GTG) services, supporting critical power and compression applications across the oil & gas, power generation, and industrial infrastructure sectors.

Our services cover the entire lifecycle of GT and GTG assets, from engineering and procurement support through installation, commissioning, operation, maintenance, and life-extension.

Through our technical partnerships with leading experts, we deliver services in accordance with manufacturer requirements, applicable codes, and international standards, ensuring safe, reliable, and efficient operation. Areas include;

### Operations, Maintenance & Overhaul

- Routine preventive and corrective maintenance services
- Planned inspections (minor, major, and hot gas path inspections)
- Gas turbine and generator overhaul and refurbishment
- Outage, shutdown, and turnaround support
- Condition monitoring
- Cryogenic decontamination



## Troubleshooting & Reliability Services

- Operational troubleshooting and fault diagnosis
- Root Cause Analysis (RCA)
- Life extension and upgrade support
- Borescope inspections

## Value to our clients

Our integrated GT and GTG services help clients maximize availability, optimize performance, reduce lifecycle costs, and extend asset life. By combining disciplined EPCIM execution with strong OEM collaboration, FESL delivers reliable, safe, and efficient gas turbine solutions tailored to operational and project-specific requirements.



## 2. Skid Mounted Units Manufacturing & Fabrication



FESL provides end-to-end manufacturing and fabrication of skid-mounted units, delivering fully integrated, factory-assembled systems for oil & gas, power, and industrial infrastructure applications. Our skid solutions are engineered to reduce site installation time, improve quality control, and enhance operational safety through modular, pre-tested assemblies.

We execute skid-mounted packages from concept and detailed engineering through fabrication, assembly, testing, and delivery, ensuring full compliance with client specifications, applicable codes, and international standards. Our capability supports both greenfield developments and brownfield modifications, where minimized site work and fast deployment are critical. Areas include;

### Engineering & Design

- Process, mechanical, electrical, and instrumentation engineering
- Skid layout, structural design, and constructability review
- Integration of rotating and static equipment, piping, valves, and instruments
- Compliance with applicable standards (ASME, API, ISO, IEC, project specifications)
- OEM technical coordination and design validation

Felton in collaboration with VDL/KTI can design and supply skid-mounted units (or integrated process modules) for the following applications:

- **Gas Treatment / Conditioning**

- o Fuel gas conditioning
- o Gas Dehydration / TEG Regeneration
- o MEG/DEG regeneration
- o Low temperature separation
- o Molecular sieve adsorption

- **Flow control & safeguarding**

- o Integrated wellsite skids (or HPHT skids as called in Nigeria)
- o Chemical injection

- **Shell & Tube heat exchangers**
- **Separators**

- **High pressure vessel fabrication**





### 3. Glass-Fibre Reinforced Epoxy (GRE) Services

We specialize in Glass Fibre Reinforced Epoxy (GRE)/Fibre Reinforced Plastic (FRP) solutions, delivering high-quality, durable, and corrosion-resistant products and services for industrial, commercial, and infrastructure applications. With a strong focus on engineering precision, safety, and long-term performance, we provide customized composite solutions that meet international standards and demanding operating conditions.

#### Our Services include;

- Design & Engineering of GRE/FRP Systems
- Manufacture of GRE/FRP Pipes, Tanks, and Fittings
- On-site Installation & Commissioning
- Repair, Rehabilitation & Lining of Existing Systems
- Corrosion Protection & Composite Wrapping
- Custom Fabrication & Moulded FRP Products
- Inspection, Testing & Maintenance Services
- Technical Consultancy & Project Support

## 4. Instrumentation and Control (I&C)

Instrumentation and Control systems form the backbone of safe, efficient, and reliable oil and gas operations, enabling continuous monitoring, precise control, and timely protection of critical process facilities.

We provide end-to-end Instrumentation and Control solutions that ensure safe, reliable, and efficient operation of process facilities across all project phases, from engineering and installation to commissioning and ongoing support.

### Our services include:

- Supply, installation, calibration, and loop checking of field instruments
- Calibration and maintenance of field-mounted instruments
- Control panel design, fabrication, and testing
- Cable routing and termination
- Troubleshooting, maintenance, and optimization of control systems





# 5.

## Statutory Inspection and Recertification of Pressure Vessels

Our team conducts inspections and recertifications to ensure pressure vessels meet regulatory requirements and industry standards. We provide statutory inspection and recertification services ensuring compliance with regulatory requirements and industry standards. Our services include:

- Inspection and testing of pressure vessels, boilers, and storage tanks
- Non-destructive testing (NDT) and examination Hydrostatic and pneumatic testing
- Certification and documentation
- Repair and maintenance recommendations

Our goal is to ensure the safe and reliable operation of your vessels, minimizing downtime and reducing risk. Our team of certified inspectors and engineers work efficiently to meet your inspection and certification needs.



## 6. Pipeline Construction/Fabrication and Tie-in Works

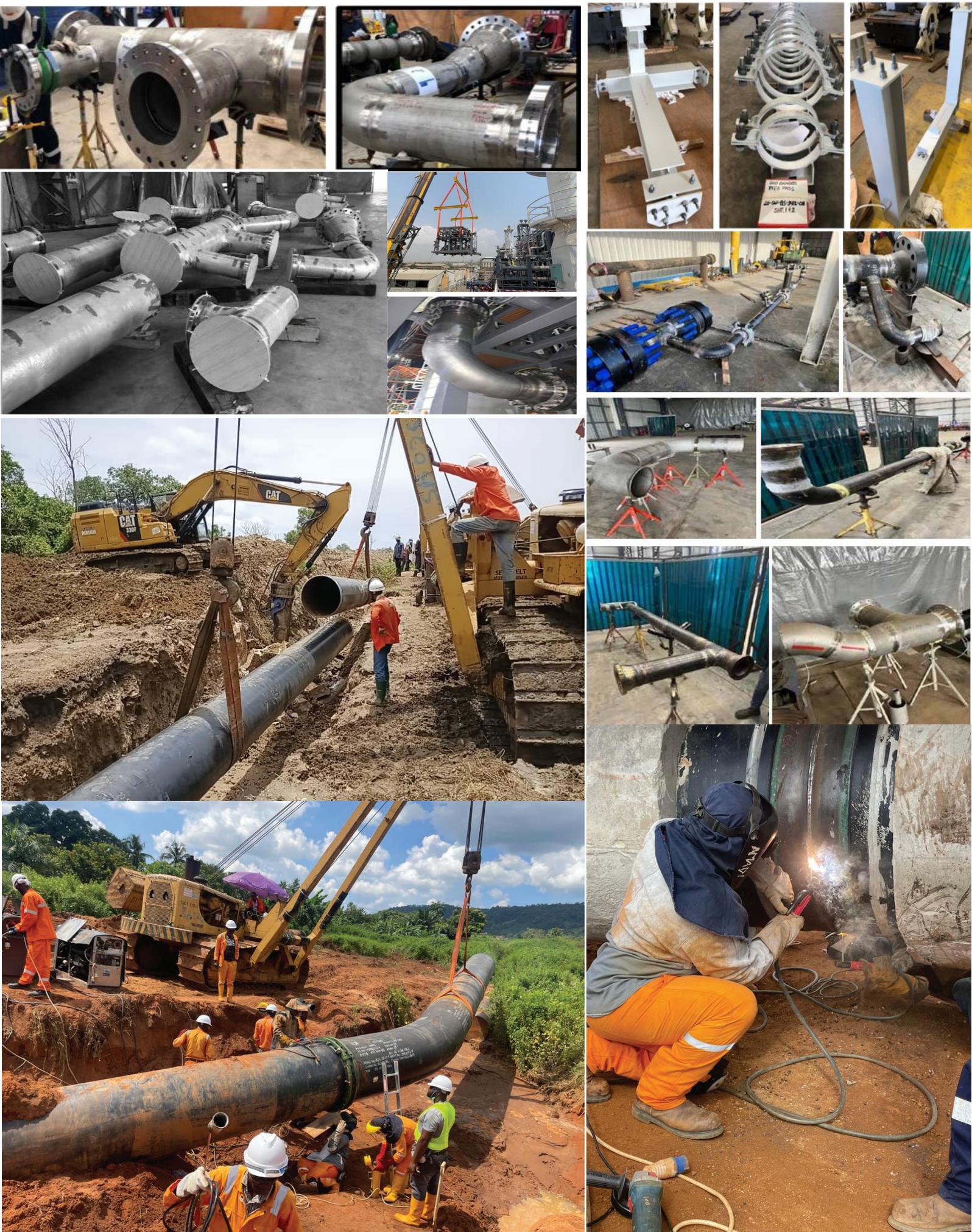
Pipeline systems form the backbone of modern industrial operations, enabling the safe and efficient transportation of critical resources. The integrity of these systems is essential to operational continuity, safety, and environmental protection. For this reason, pipeline construction and tie-in works must be executed by competent professionals with proven technical expertise, disciplined workmanship, and a strong commitment to quality and safety.

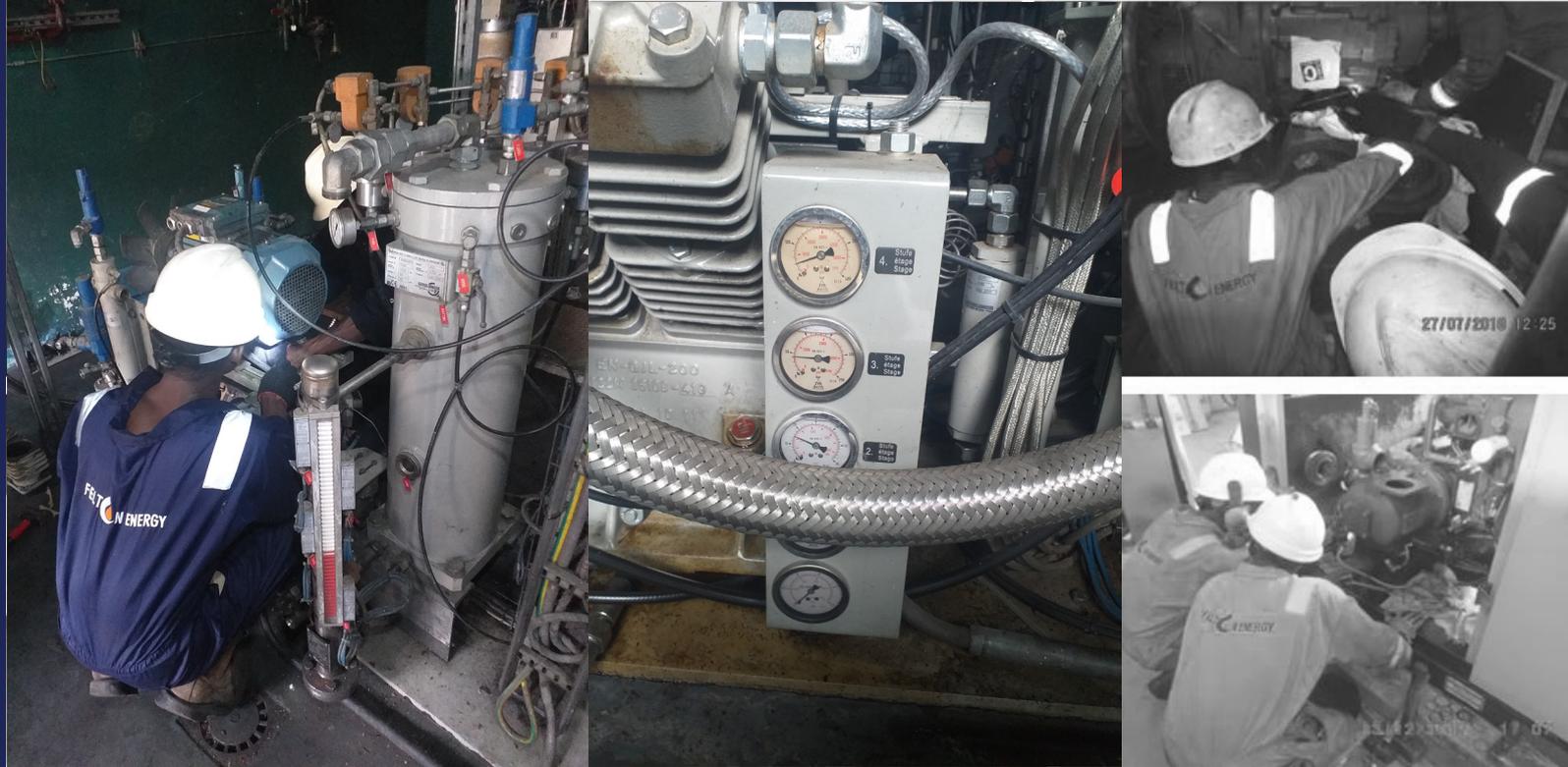
We provide end-to-end pipeline fabrication and tie-in solutions for onshore and offshore projects including structural fabrication. Our scope covers the complete lifecycle of pipeline construction, from material preparation and fabrication through installation, tie-in, testing, and commissioning.

Our workforce comprises qualified engineers, certified welders, inspectors, and supervisors with proven experience in delivering complex pipeline and structural fabrication projects. With strong project management capability and strict adherence to HSE and quality requirements, we are equipped to execute pipeline construction works of any size or complexity.

### Associated Pipeline Services

- Pipeline fabrication (carbon steel, stainless steel, alloy steel)
- Pipe spooling and modular fabrication
- Structural Fabrication
- Field welding and tie-in works
- Hot tapping and line stop services
- Pipeline installation and alignment
- Welding inspection and NDT coordination
- Hydrostatic testing and dewatering
- Flushing, cleaning, and pigging
- Repair, modification, and replacement works
- Coating repair and field joint coating
- Pre-commissioning and commissioning support
- Shutdown and turnaround pipeline works





## 7. Plant Air Compressor Installation and Maintenance

With our experienced in-house expertise who have a wealth of experience servicing and maintenance of compressors cutting across a wide range of OEMs, we provide end-to-end plant air compressor installation and maintenance services, ensuring reliable, energy-efficient, and safe compressed air systems for industrial facilities. Our expertise covers system design, installation, commissioning, and lifecycle maintenance, helping clients achieve uninterrupted operations and optimal compressor performance.

### Our Services

- Plant Air Compressor Installation & Commissioning
- Compressed Air System Design & Optimization
- Preventive & Breakdown Maintenance Services
- Overhauling of Reciprocating, Screw & Centrifugal Compressors
- Air Dryer, Receiver & Filtration System Installation
- Pipeline Installation, Leak Testing & Rectification
- Spare Parts Supply & Technical Support



## 8. High Precision Machining Services

We offer high precision machining services for industrial equipment and components, including:

- In-situ machining and repair of large equipment
- Precision machining of complex components
- On-site and workshop machining services
- Component repair and refurbishment
- Custom machining solutions for specific industry needs

Our experienced Engineers ensures expert precision machining, minimizing downtime and extending equipment lifespan.

# 9.

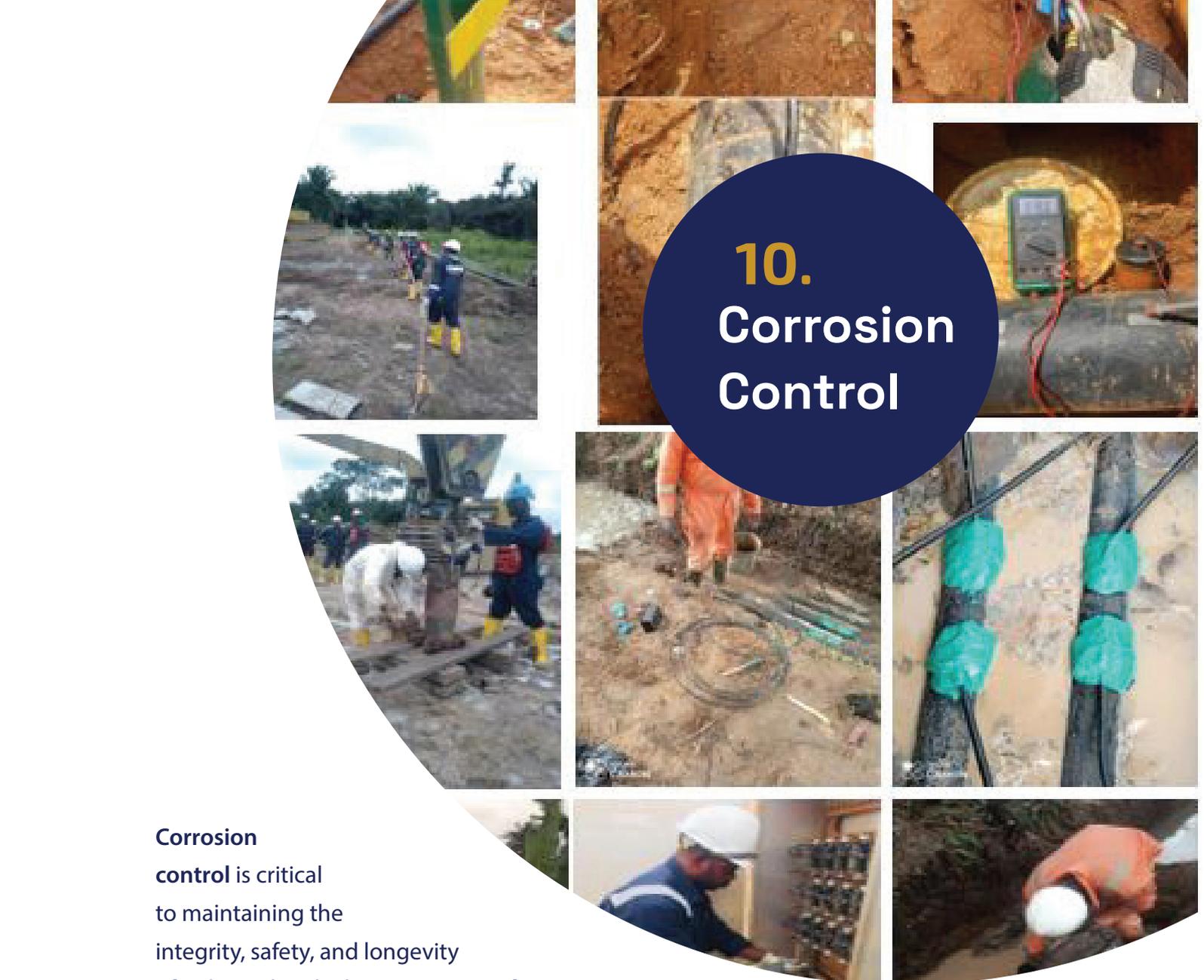
## Insulation and Cladding Services:



We provide insulation and cladding solutions for industrial equipment, pipelines, and facilities to conserve energy and protect against corrosion. Our expertise ensures effective insulation and cladding applications, reducing energy losses and protecting your assets. Providing:

- Thermal insulation for energy efficiency and process control
- Acoustic insulation for noise reduction
- Fireproofing and passive fire protection
- Custom insulation solutions for complex equipment and systems





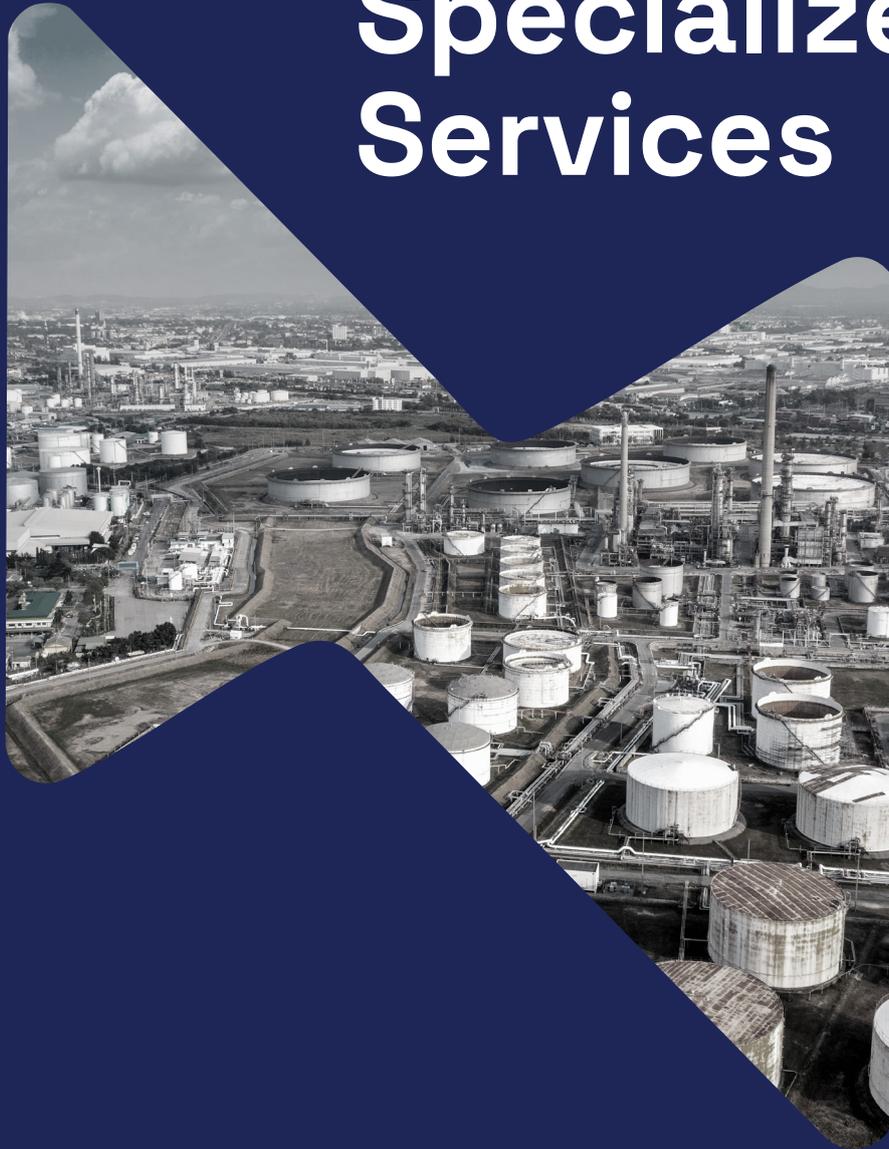
## 10. Corrosion Control

**Corrosion control** is critical to maintaining the integrity, safety, and longevity of industrial and oil & gas assets. Left unchecked, corrosion can lead to equipment failure, production downtime, safety hazards, and increased operational costs. Implementing proactive corrosion protection measures ensures reliable operations, regulatory compliance, and maximized asset life.

### Our services include:

- Material selection and corrosion-resistant design consulting
- Surface preparation, protective coatings, and paint systems
- Cathodic protection design, installation, and monitoring
- Corrosion inspection, monitoring, and risk assessment
- Maintenance, repair, and refurbishment of corroded equipment

# Our Specialized Services



*"We deliver energy engineering solutions with  
diligence, dignity, and uncompromising  
excellence."*

# 1. Early Production Facility (EPF) Services

An Early Production Facility (EPF) is a temporary or semi-permanent oil & gas production setup used to start producing hydrocarbons early in a field's life, before the full-scale permanent production facilities are built. It lets operators produce and sell oil or gas sooner, instead of waiting years for the main facilities to be completed.

At Felton, we offer Early Production Facility (EPF) solutions designed to enable rapid and safe hydrocarbon production during the initial stages of field development. Our EPF services help operators monetize reservoirs early while full-field facilities are being planned and constructed.

Our EPF scope includes process design, engineering, procurement, construction, installation, and commissioning of temporary or semi-permanent production systems. Facilities are configured to handle well fluids separation, testing, metering, dehydration, storage, and export, in compliance with applicable industry standards and regulatory requirements.

We deliver modular, scalable, and cost-effective EPF solutions that can be mobilized quickly, allowing flexibility for changing production profiles and reservoir performance. Emphasis is placed on operational safety, reliability, and environmental compliance throughout the project lifecycle.

With a strong focus on early cash flow generation and risk mitigation, our EPF services support clients in accelerating production timelines while maintaining high engineering and operational standards.

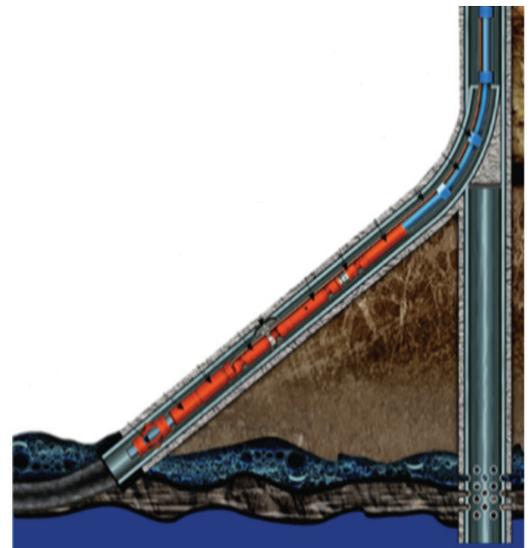
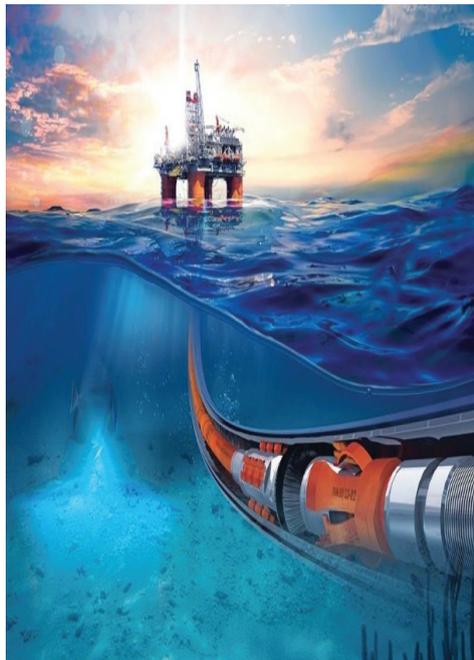


## 2. Electric Submersible Pumps (ESP)

An Electric Submersible Pump is an artificial lift system used in oil and gas wells to increase production by efficiently lifting fluids from deep reservoirs to the surface. Installed downhole, an ESP consists of a multistage centrifugal pump driven by an electric motor and is designed to handle high flow rates while operating in demanding downhole conditions.

Our ESP services include:

- ESP system selection, sizing, and application engineering.
- Supply of ESP equipment including pumps, motors, cables, and surface controls
- ESP installation, commissioning, and start-up support
- Variable Speed Drive (VSD) and surface control panel integration
- Performance monitoring, optimization, and troubleshooting
- ESP retrieval, replacement, and well intervention support
- Preventive maintenance and field technical assistance



# Procurement Services



Felton Energy Services Ltd provides end-to-end local and international procurement services, supporting oil & gas, power, and industrial operations with quality-assured equipment and materials. Our procurement capability covers, but is not limited to, the following:

## **Mechanical Procurement**

Pipes, pipe fittings, valves, flanges, steel plates, beams, bars, structural steel, pressure vessels, and related mechanical components.

## **Electrical & Power Equipment Procurement**

Industrial power and control cables, cable accessories, junction boxes, switchgear, transformers, electric motors, alternators, generators, panels, lighting systems, and other core electrical items.

## **Instrumentation & Control Procurement**

Transmitters, sensors, actuators, control valves, gauges, analyzers, accumulators, calibration equipment, and associated instrumentation accessories.

## **Rotating & Process Equipment Procurement**

Diesel and fuel-driven compressors, pumps, motors, alternators, and other rotating or process equipment required for industrial operations.

## **Safety & Fire Protection Systems**

Fire detection and alarm systems, firefighting equipment, gas detection systems, and core PPEs including helmets, gloves, coveralls, safety boots, and respiratory protection.

Through strong OEM and vendor partnerships, we ensure timely delivery, compliance with specifications, and cost-effective sourcing for both local and international procurement requirements.



# Summary

Our team is driven by a solutions-oriented approach, embracing new challenges and opportunities to deliver tailored solutions that meet our clients' specific needs. We go beyond our core services to provide innovative answers, ensuring optimal results and unparalleled support for our clients' evolving requirements, and where necessary, we source for relevant partnership to ensure a robust and complete team in providing innovative solutions to our clients. Hence, no matter the need or challenge, we are well positioned to provide solutions that surpass our client's expectations.



# Our Partners



# Our Clients



# Our Certifications



## CERTIFICATE

*This is to certify that the Occupational Health and Safety Management System of*  
**FELTON ENERGY SERVICES LIMITED**  
 184C (Gate 3) Trans-Amadi Industrial Layout, Behind Next  
 Cash 'N' Carry, Oginigba, Port Harcourt, Rivers State, Nigeria.  
*has been assessed and found to conform to the requirements of*  
**ISO 45001:2018**  
*This Certificate is valid for the following scope*  
 Procurement and Supply Services, Maintenance and Engineering Services (Civil, Construction, Electrical, and Mechanical Works), Consultancy Services (Manpower Supply, Training, and Related Support), Marine Services, Welding, Fabrication, and Construction/Installation Services, Quality Control, Inspection and Testing, Insulation and Calibration Services.

Certificate No.	:AMER15956	
Original Issue Date	:27/01/2024	
Issue Date	:05/06/2025 R1	
Surveillance /Expiry Date	:26/01/2026	
Recertification Date	:26/01/2027	

  
 Director

**AMERICO QUALITY STANDARDS REGISTECH PVT. LTD**  
 Accredited by UAF, 1060 Laskin Rd, Suite: 12B/13B, Virginia Beach VA 23451, USA  
 Operations office: D 303 , Nisarg plaza, Bhamkar Chowk, Wakad, Pune 411057




For verification and updated information concerning the present certificate, please visit [www.americoert.com](http://www.americoert.com). This Certificate is valid for period of 3 years subject to satisfactory annual surveillance audits. This Certificate is the property of AMERICO Quality Standards Registech Pvt. Ltd. & shall be returned immediately when demanded.



## CERTIFICATE

*This is to certify that the Environmental Management System of*  
**FELTON ENERGY SERVICES LIMITED**  
 184C (Gate 3) Trans-Amadi Industrial Layout, Behind Next  
 Cash 'N' Carry, Oginigba, Port Harcourt, Rivers State, Nigeria.  
*has been assessed and found to conform to the requirements of*  
**ISO 14001:2015**  
*This Certificate is valid for the following scope*  
 Procurement and Supply Services, Maintenance and Engineering Services (Civil, Construction, Electrical, and Mechanical Works), Consultancy Services (Manpower Supply, Training, and Related Support), Marine Services, Welding, Fabrication, and Construction/Installation Services, Quality Control, Inspection and Testing, Insulation and Calibration Services.

Certificate No.	:AMER27848	
Original Issue Date	:04/06/2025	
Issue Date	:04/06/2025 R0	
Surveillance /Expiry Date	:03/06/2026	
Recertification Date	:03/06/2028	

  
 Director

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### **Port Harcourt Office**

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