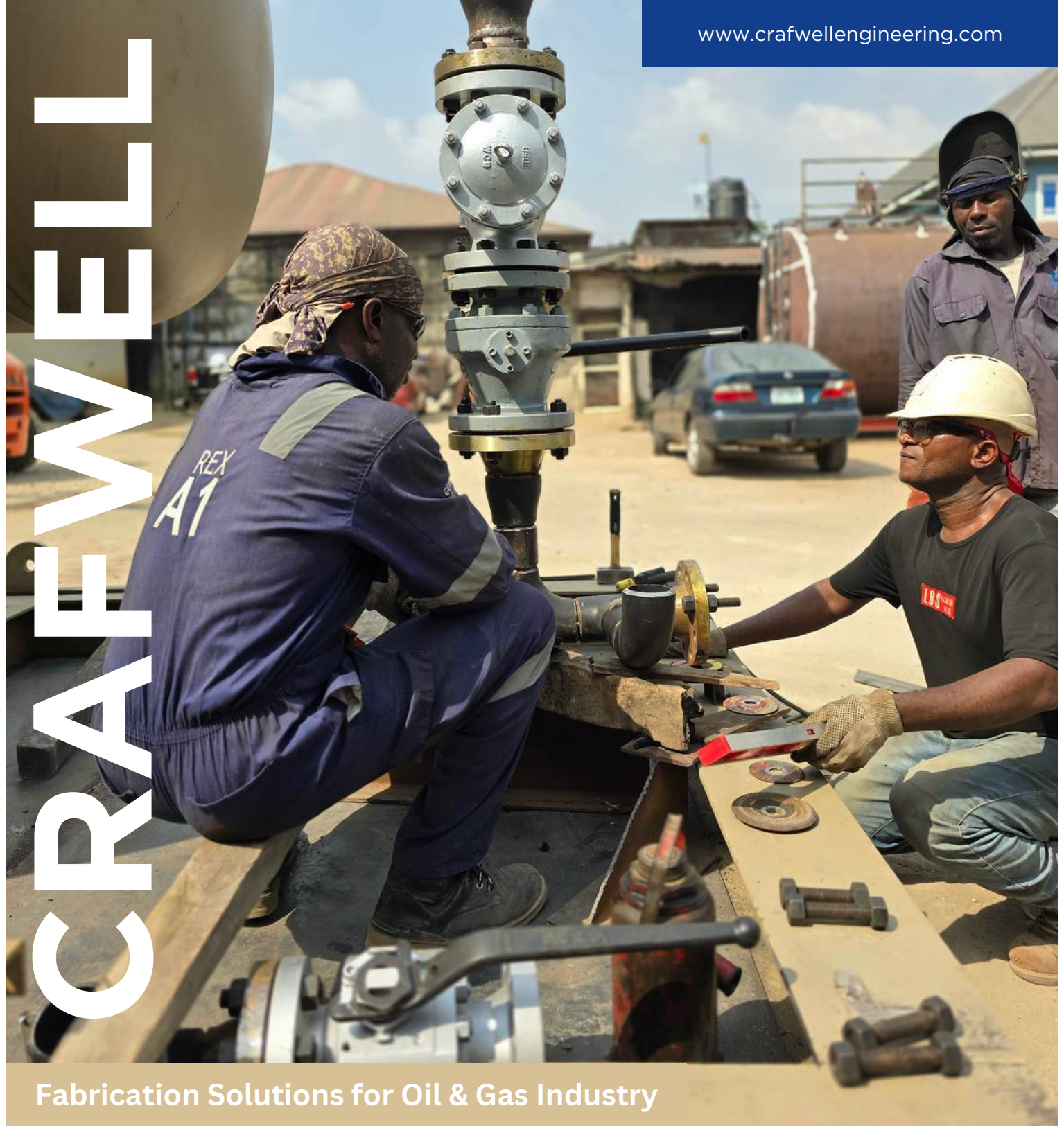


CRAFWELL



Fabrication Solutions for Oil & Gas Industry

PRESSURE VESSELS STORAGE TANKS SAND FILTERS GAS FILTERS GENERAL FABRICATION

# Brochure

**Crafwell:** Minimizing delivery times while maintaining the highest quality possible



No. 15 Anuro Nwonoro Street, Off Woji-Akpajo Expressway,  
Gbalajan, Port Harcourt, Rivers State.

A vertical photograph on the left side of the page shows a man in an orange jumpsuit and a white face mask standing next to a concrete wall topped with barbed wire. He is looking towards the wall.

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# WELCOME

## COMPANY PROFILE

Crafwell Engineering Limited provides high-quality machining solutions for the Oil & Gas industry. We specialize in manufacturing, fabrication, and maintenance of industrial equipment, ensuring precision and reliability in every product and service.

## QUALITY & RELIABILITY

We are committed to delivering flexible, client-focused solutions that meet global industry standards. Through advanced technology, skilled professionals, and strict quality control, we ensure excellence in every project.

Crafwell Engineering is your trusted partner for precision, durability, and innovation in the Oil & Gas sector.



## ABOUT CRAFWELL

Crafwell Engineering Limited is a Nigerian-owned machining and fabrication company specializing in precision tooling and complex component manufacturing for the oil and gas industry.

With a highly skilled Nigerian workforce and state-of-the-art facilities, we provide end-to-end solutions for equipment fabrication, rebuilding, and repairs. Our expertise ensures reliable, high-quality manufacturing support tailored to the demanding needs of the energy sector.

Backed by over 30 years of industry experience, our leadership team is committed to setting new standards in tooling and fabrication support. Our services include an API-certified machine shop for oil and gas tool manufacturing, as well as a dedicated welding and fabrication facility for equipment production and maintenance.

At Crafwell Engineering, we deliver excellence, precision, and innovation to support the evolving demands of the oil and gas industry.

# 30+

Years of Oil & Gas Experience



*Proudly  
Nigerian  
Owned*



# SERVICES

## PRODUCTS & SERVICES

At Crafwell, we have decades of experience in precision machining, fabrication, and manufacturing of critical components for the oil and gas industry. Our expertise spans the production of high-performance tools, equipment repairs, and custom fabrication solutions tailored to meet industry standards. With a team of highly skilled engineers and technicians, we have built a reputation for delivering top-quality products that enhance operational efficiency and reliability.



### Fabrication & Welding

- Structural fabrication of oil and gas equipment
- Pipeline and pressure vessel fabrication
- Welding, repairs, and refurbishment of worn-out components

### Precision Machining & Tooling

- Manufacturing of oilfield tools and components
- API-certified machining services
- CNC precision machining for critical oil and gas applications

### Equipment Rebuilding & Repairs

- Overhauling and refurbishing oil and gas tools
- Rebuilding drilling and production equipment
- Component repair to extend equipment lifespan

### Custom Manufacturing Solutions

- Bespoke tooling and component design
- Engineering support for specialized manufacturing needs
- Reverse engineering for legacy and hard-to-find components

## WHY CHOOSE US

We are committed to delivering world-class machining, fabrication, and manufacturing solutions for the oil and gas industry. Our dedication to quality, precision, and innovation sets us apart as a trusted partner for industry-leading companies. Here's why you should choose us:

### 1. API, ISO & SON Certified Excellence

We adhere to the highest industry standards with certifications from the American Petroleum Institute (API), International Organization for Standardization (ISO), and Standards Organization of Nigeria (SON). These certifications demonstrate our commitment to manufacturing excellence, safety, and compliance with global and local regulatory requirements.



Crafwell is API Certified



Crafwell is ISO Certified



Crafwell is SON Certified

### 2. 30+ Years of Industry Expertise

With over three decades of experience, our management team brings deep industry knowledge, ensuring every project meets the highest standards of durability, reliability, and efficiency.



#### 4. Precision Engineering & Advanced Manufacturing

Our API-certified machine shop is equipped with state-of-the-art CNC and manual machining capabilities, allowing us to manufacture high-performance oilfield tools, intricate components, and custom-engineered solutions with unmatched precision.



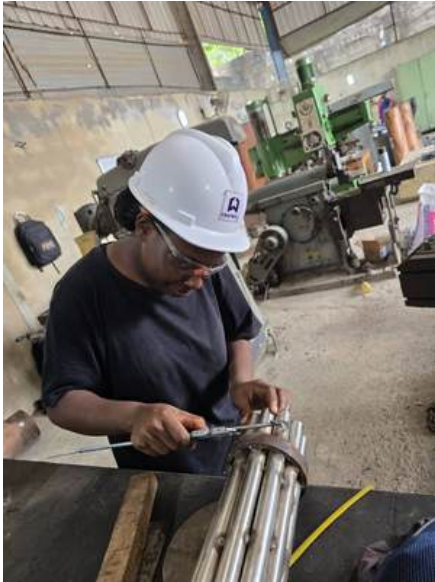
#### 5. Comprehensive Fabrication & Repair Services

We provide full-scale fabrication, welding, and equipment repair services, including pipeline fabrication, pressure vessel manufacturing, and structural welding. Our expertise extends to refurbishing and rebuilding worn-out components, ensuring maximum operational efficiency and cost savings.



## 6. Uncompromising Quality & Safety Standards

We prioritize quality at every stage of production, from raw material selection to final inspection. Our rigorous quality control processes ensure that all products meet API, ISO, and SON standards, providing our clients with superior reliability and performance.



## 7. Tailored Solutions for the Oil & Gas Industry

Every project is unique, and we offer customized manufacturing solutions to meet the specific needs of our clients. Whether it's reverse engineering legacy components or designing new tooling solutions, our team is equipped to deliver.



# CLIENT PORTFOLIO

## CLIENTS WE SERVE

We serve a diverse range of clients in the oil and gas industry, including exploration and production companies, oilfield service providers, pipeline contractors, refineries, petrochemical plants, and OEMs. Our API, ISO, and SON-certified expertise ensures the precision manufacturing, fabrication, and repair of critical components used in drilling, well intervention, pipeline construction, and industrial operations. Whether it's custom machining, equipment refurbishment, or large-scale fabrication, we deliver high-quality, reliable solutions tailored to meet industry demands.



### Previous Fabrication Projects

#### 1. Fabrication of Sand Filter

Custom manufacturing of a sand filter , ensuring high-quality fabrication and durability. The project involved detailed drafting, planning, and execution using premium materials designed to withstand high-pressure operations. The sand filter was thoroughly pressure-tested, certified, and inspected to guarantee optimal performance and compliance with industry standards.



#### 2. Fabrication of Sand Filter

We successfully fabricated a high-performance gas filter for an oil and gas client.



### 3. Fabrication of Storage Tanks

We successfully designed, manufactured, and fabricated a 500-barrel, 6 mm atmospheric storage tank for a client, ensuring compliance with the highest industry standards. The tank was precisely calibrated, leak-tested, and certified for Magnetic Particle Inspection (MPI) to guarantee structural integrity and reliability. Upon completion, we provided calibration and manufacturing certificates, demonstrating our commitment to precision engineering and quality assurance in storage tank fabrication.



## 4. Repair and manufacturing of separator parts

Crafwell Engineering Limited successfully carried out the repair and fabrication of separator parts for a client in the oil and gas industry, ensuring seamless functionality and extended operational life. The project involved precision manufacturing and refurbishment of critical components, including valves, pipes, and inflow manifolds, restoring them to fully functional units. Each part was meticulously fabricated, tested, and assembled to meet industry standards, ensuring the separators were optimized for peak performance in demanding operations.



## 5. Fabrication of Pipe Racks

Crafwell Engineering Limited successfully fabricated a durable pipe rack for efficient pipe storage and organization. Built with high-strength materials, the structure ensures stability, load-bearing capacity, and longevity, meeting industry standards for safe and efficient storage in oil and gas operations.

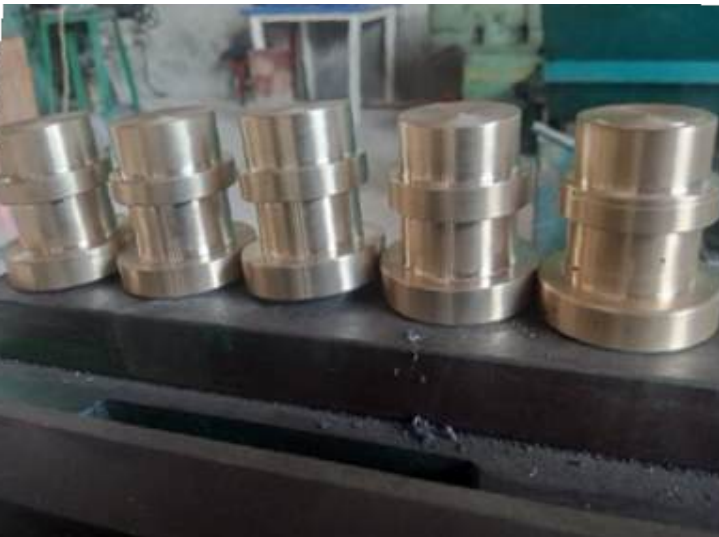


### Previous Machining Projects

#### 1. Cross overs



#### 2. Pack off gland



#### 3. Pipe Screen



## 4. Drill Pipes



## 5. Stud Screw



## 6. Bull nose



## 7. G Clamp



# PROJECT PORTFOLIO



# PROJECT PORTFOLIO



# CONTACT



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# Crafwell Engineering Limited



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