EMERALD INDUSTRIAL CO., CFZE

Creating Value |Sustaining Impact

O&M, Engineering Services, Capital Spares & Aftermarket

Free Zone Enterprise *Calabar Rotor Shop* *OEM-Agnostic*



Independent O&M and capital spares service provider of OEM-agnostic support for heavy-duty gas turbines, gas engines, centrifugal & reciprocating compressors, aero-derivative gas turbines, steam turbines and generators, gearboxes, motors, resident teams, field service engineers, and an in-country repair shop.

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An independent O&M and Engineering Services Platform.

Emerald is a legacy GE platform for rotating equipment O&M and engineering services, delivering **operations & maintenance, manpower & field service** engineers, capital repairs, **capital spares and aftermarket support** as four connected capabilities under one owner-aligned, OEM agnostic model.



1 Owner-aligned

Emerald is the local industrial capability partner that makes your in-house O&M team faster, affordable and more resilient without taking control away from you.

2 In-country capability

Overflow capacity, reverse engineering of obsolete parts, major component overhaul under customer QA. Nigerian Content compliant and faster than overseas OEM turnaround.

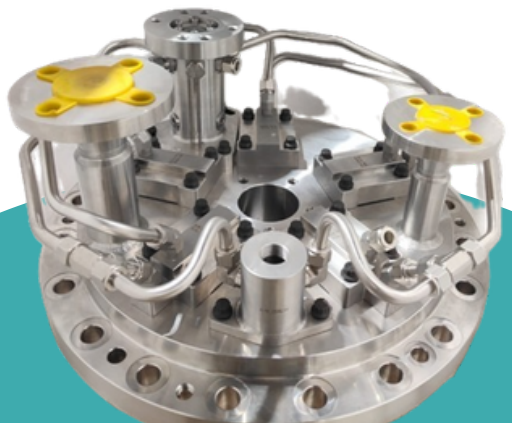
3 Technically deep

Full-fleet domain depth across rotating technologies. +OEM agnostic.

4 OEM/OCM/ISP Partnerships

We build and maintain strategic partnerships with OEMs, OCMs, and ISPs to deliver reliable, high-quality, and cost-effective solutions.

GE | SIEMENS | Baker Hughes | EthosEnergy



“Four connected capabilities. One owner-aligned, OEM-agnostic platform.

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Full lifecycle coverage from first start to life extension.

Seven stages, four connected capabilities, one independent platform, the operating envelope of an asset aligned to its owner.

1 OPERATE
O&M and operations manpower for rotating plant.

2 MAINTAIN
Preventive maintenance and reliability programs.

3 REPAIR
In-country capital repairs and component restoration.

4 FIELD SERVICE
FSE-led inspection, outage and turnaround support.

5 SPARES & CONSUMABLES
Capital spares inventory and OEM/OCM sourcing.

6 UPGRADE
Engineering-led component and system upgrades.

7 AFTERMARKET SUPPORT
Long-term parts and service agreements.



Powering Every Stage of the Lifecycle.

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Operations manpower built for demanding rotating-equipment environments.

Multi-discipline crews mobilised under supervisory and shift structures designed to keep assets available, predictable and safe under continuous duty.

Workforce profile

•Operations.
•Mechanical.
•Electrical & instrumentation.
•Inspection.
Multi-discipline crews with supervisory and shift structures.

Engagement models

•Dedicated long-term O&M contracts.
•Augmentation and outage support.
•Ad-hoc specialist call-outs.

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Field Service Engineers who know the fleet.



Hands-on inspection, alignment and outage support from a compact, owner-aligned FSE team embedded with your operators, accountable to your outcomes.

- Scheduled inspections & borescope.
- Outage planning & execution.
- Alignment, balancing & run-up support.
- Troubleshooting & root-cause analysis.
- OEM-agnostic coverage

  Heavy-duty gas turbines, gas engines, compressors, steam turbines, aeroderivatives, motors, gearboxes and generators.

OEM-agnostic coverage across gas turbines, gas engines, compressors, steam turbines and generators.

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Full-fleet domain depth across every rotating technology.

Independent of original equipment manufacturer — we cover the rotating technologies that drive a modern energy asset.

Gas Turbines

GE Frame 5
6B 9E heavy-duty.

SIEMENS

Compression

Centrifugal compressors
Reciprocating compressors.

FLOWSERVE

Baker Hughes

Steam Turbines

Steam turbines
Generators.

Schneider Electric

TOSHIBA

Power Transmission

Gearboxes
Generators
Motors.

WOLONG
Power your future

Lufkin Gears
a Baker Hughes business

BOP/ Consumables

Auxilliaries,
BOP equipment,
Mech/Elect,
I&C Consumables,
Lube Oils etc

Schneider Electric

Powering Fleets Beyond OEM Boundaries.

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End To End Engineering depth that protects long-term asset value.

Five engineering suites are deployed across the lifecycle, from inspection to life extension.

01 Rotating Equipment Troubleshooting

02 Inspection & Condition Assessment

03 Component Repair Engineering

04 Upgrade & Modification Engineering

05 Reliability & Life Extension



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In-country capital repairs. In-country control.

Calabar is our capital-repair backbone reducing transnational scope and keeping quality, documentation and timelines under the owner's direct visibility.

WORKSTREAMS



01 Rotor & component repair.

02 Machining & fabrication.

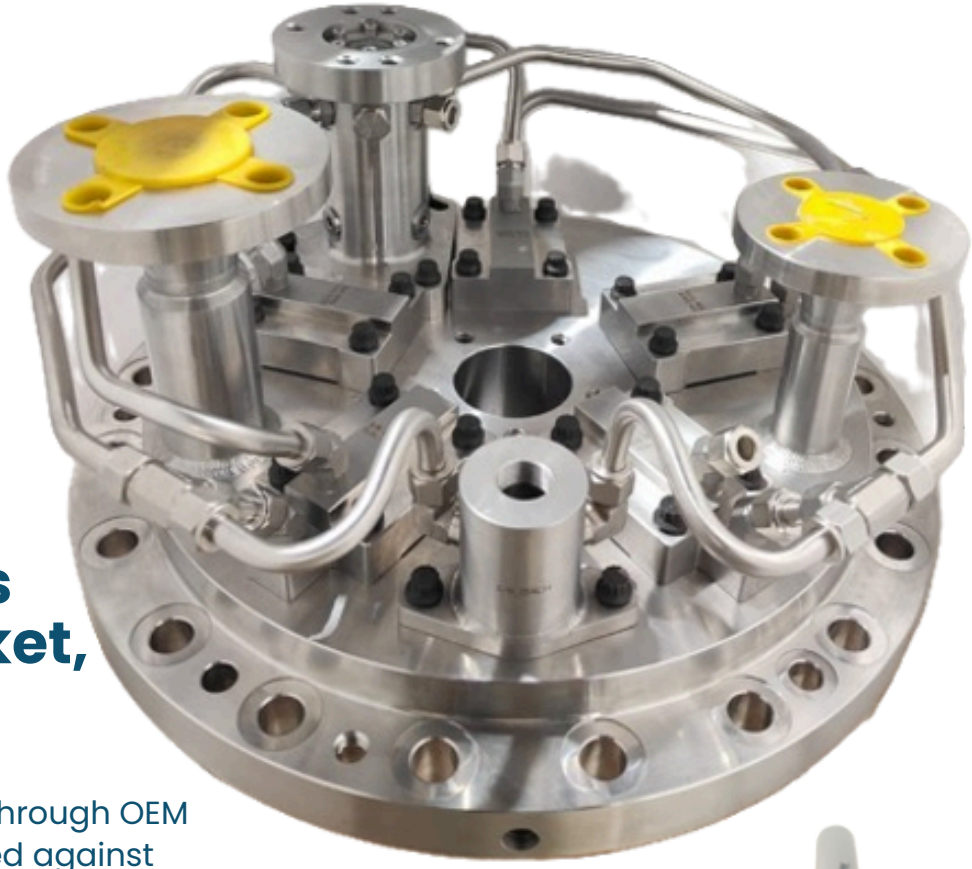
03 Welding & coatings.

04 Balancing & testing.

04 Quality & documentation per OEM and API standards.

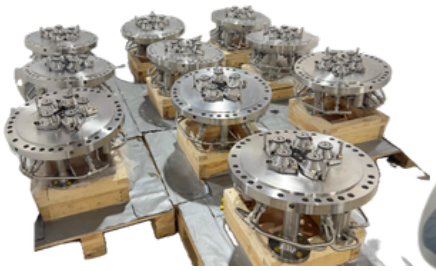
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Capital spares and aftermarket, secured.

Long-lead parts sourced through OEM and OCM channels, planned against major inspections and overhauls, supported by lifecycle spares planning.





CAPITAL SPARES

Sourcing & inventory

- Long-lead capital spares.
- OEM and OCM sourcing channels.
- Inventory and consignment support.

Consumable

Lifecycle spares planning

- Lifecycle spares planning for major inspections.
- Lifecycle spares planning for overhauls.

Quality assured, Owner aligned.

Long-lead Capital spares

OEM · OCM Sourcing channels

Inventory Consignment support

Lifecycle Spares planning

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Our people. Our platform.

A free-zone enterprise built on HSEQ.

150+ years of combined rotating-equipment experience, deliberately transferred into local teams, local procedures and an in-country capital-repair capability.





CFZE	04	★	◆
Free-Zone Enterprise	HSEQ Pillars	Nigeria energy sector	Flexible delivery

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Why Choose Us

Independent & OEM-Agnostic

We work to the asset owner's agenda — not the OEM's.

In-Country Capital Repairs & Supply

Controlled satellite workshops, owner-visible capital repairs.

Full-Fleet Domain Depth

GE frames, engines, compressors, steam & generation.

OEM Hub Platform

Strong network of OEMs, OCMs & ISPs.

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INDUSTRY TRUSTED

DANGOTE

Chevron

HERITAGE Oil Corporation

NNPC

TranscorpPower

Oando

NDPHC NIGER DELTA POWER HOLDING COMPANY



Let's start the conversation

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