

Equipment maintenance, rental and training

ISO certified in-country services to assure reliability and integrity


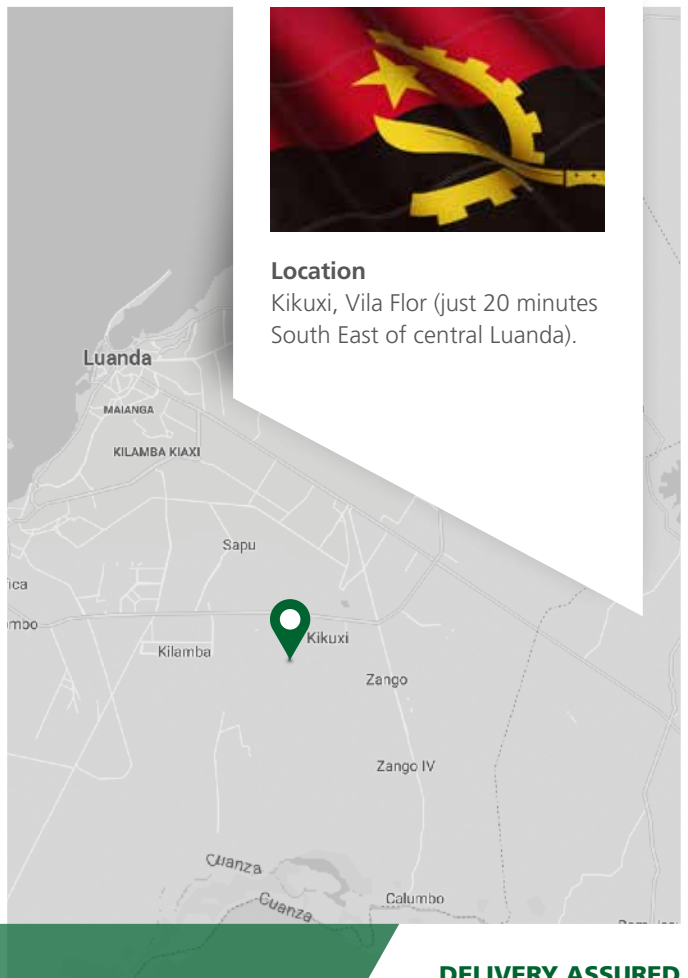
Our new premises in Luanda has been purpose-built to deliver general workshop services, rental equipment and training in-country.

Our workshop operates to the ISO standards for the oil, energy, gas and industrial industries, ensuring we deliver the highest standards of equipment maintenance while our world-renowned training services provide development opportunities for the local workforce.

We have a full subject matter expert engineering team available to support all project requirements in-country.

WHAT'S NEW?

- Workshop delivering mechanical, hydraulic, and electrical equipment servicing, refurbishments, repairs and testing. See page two for specific services
- In-country training facilities and experienced qualified trainers. See page three for details of specific courses
- Yard with large storage space for larger rental fleet
- New office space with latest conferencing technology
- Brand new accommodation complex available to customers when required.



Location
Kikuxi, Vila Flor (just 20 minutes South East of central Luanda).

Equipment services

Our workshop is equipped to deliver turnkey support including a range of servicing, refurbishment, repair and testing on mechanical, hydraulic and electrical equipment. Examples of common work scopes we deliver includes:

MECHANICAL

- Turnkey general mechanical support
- Inspection and certification of all types of mechanical rotation equipment
- Servicing, refurbishment and testing of a wide range of equipment from winches to davits, as well as new build equipment
- Troubleshooting and repair
- Fabrication
- Load cell calibration.

ELECTRICAL

- All types of electrical motor inspection, repair and test
- Fault finding and repair
- PLC installation and upgrades using Sparrows' own design system or client OEM design system
- Servicing.

HYDRAULIC

- Hydraulic pump and motor repair and parts supply. All makes and models of pumps and motors, fixed displacement to variable displacement along with air driven motors
- HPU servicing, repair and testing

- Cylinder refurbishment
- Hydraulic valve rebuilding
- Hydraulic system flushing, fluid filtering, system monitoring and analysis
- Troubleshooting and repair
- Hose inspection and testing
- Hose manufacturing up to 2" including high pressure hose to suction hose
- Hose, SS pipe work, PRV, CETOP, cylinder, valve pressure testing and certification - PRV test and set, DCV, PDCV, DV, manifold mounted valves, actuators, accumulator safety valves, flow control valves test and set
- Oil analysis (micro binocular NAS /SAE).

INSPECTION

- NDT – MPI, UT, DP, Eddy current, e-mag, PMI to industry certification requirements and carried out with fully certified personnel
- Lifting equipment inspections for both onshore and offshore industries
- Crane structural inspections
- Hoisting and handling tool inspections
- Load testing
- Drops inspections
- Fixed and loose rigging
- Fall protection static lines
- Steel structure testing
- Certification
- Wire rope inspection.

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Equipment rental

We have a wide range of rental equipment available on-site, as well as access to a global fleet of cranes and tensioners which can be deployed anywhere in the world.

General equipment we keep to support our full service delivery or for equipment hire only in Luanda includes:

- Water bags to 90 Te
- Hy-torque units
- Hydraulic oil flushing units
- Load cells up to 100te
- Rigging lofts
- Pressure testing pumps and units up to a pressure testing value of 30,000 psi water and oil
- Hydraulic hoses for testing/flushing to NAS/SAE standard
- Tooling from hand tools to torquing tooling
- Air tooling grinders, needle guns, air saw, drills etc
- Mechanical moving and handling equipment.

Both rigging lofts and tooling containers can be customised to meet specific project requirements.

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- 1 / 2. Workshop.
- 3. Load cells.
- 4. Crane simulator.
- 5. Classrooms and training building with client accommodation.
- 6. Hydraulic servicing.

Training

Our world-renowned training services can now be delivered in-country to local people for both onshore and offshore lifting operations.

Equipped with a mobile crane, crane simulator, forklift and rigging frame we offer a range of practical training courses while our classrooms are fitted with the latest digital technology.

We offer a minibus pick-up service from customer locations and our new on-site accommodation unit can be utilised by customers on request.

A wide variety of standard courses are available but we also regularly develop customised training courses to suit customer requirements.

All of the courses offered in Luanda are focussed and based on the offshore industry standards for training. Each course can be specific to each clients' requirements.

Courses delivered locally include:

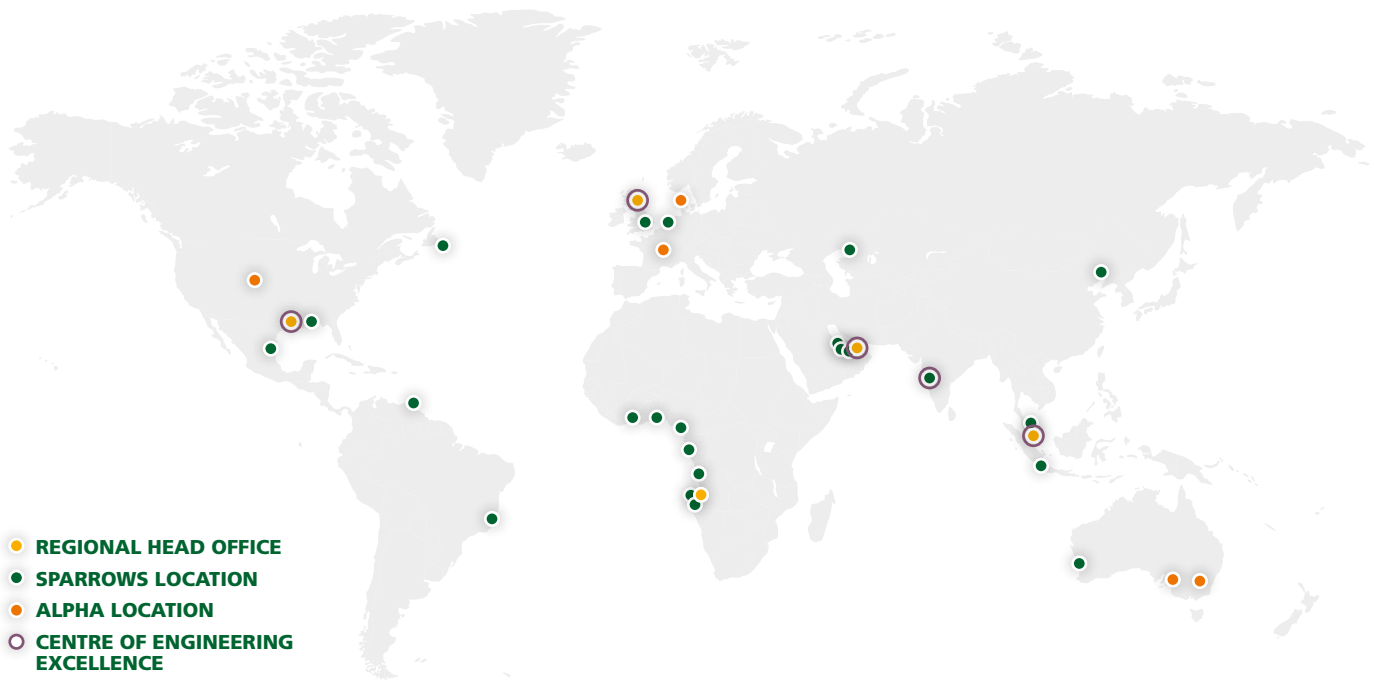
- Offshore crane operator – stages 1 and 2
- Offshore crane operator stage 3 simulator reassessment
- Emergency crane operator
- Emergency reaction training for stage 2 and 3 operators
- Rigging loft management
- Rigging and lifting training from – levels 1 to 3
- Risk assessment and worksite awareness for onshore and offshore site safety to new industry employees
- Hydraulic awareness and thread identification
- Basic hydraulic systems
- Forklift operator (counterbalance)

Risk awareness training is included in all types of courses. Courses can be completed and verified in-country to clients' specific requirements.

Our mobile crane simulator can be mobilised with our experienced trainers to any location across Africa, including offshore sites.



Local knowledge, global network



INTEGRATED SOLUTIONS

- Crane and lifting services management
- Deck operations management
- Reliability centred maintenance
- Mechanical handling
- Equipment upgrade
- Fault finding and repair
- Hydraulic system management

CAPABILITIES / SERVICES

- Multi-discipline engineering / design
- Crane operations
- Rigging / lifting
- Maintenance / servicing / refurbishment
- Inspection / testing / rope access
- Fluid power / hydraulics
- Site surveys
- Training / coaching

EQUIPMENT SALE AND RENTAL

- Cranes
- Crane technology
- Cable / pipe handling systems
- Fluid power / hydraulic systems
- Rigging / lifting equipment
- Mechanical handling equipment
- Spare parts / components
- Access systems

Please visit www.sparrowsgroup.com/contact to find your nearest office

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