



*...Asset Integrity And Reliability
Management At Its **Finest***



- Asset Integrity and Reliability Management
- Fabric Maintenance Activities
- Corrosion Monitoring Inspection and NDT Test
- Blasting & Painting Services / Cathodic Protection Services
- Project Management / Welding & Fabrication
- Rope Access Services / Marine Services
- Supply Chain & Consultancy Management

Company
Brochure








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WORK WITH US



ABOUT US

MVC Controls Ltd is an Engineering and oil & gas service provider incorporated under the law of the Federal Republic of Nigeria. We offer a full range of services including project management, fabric maintenance, construction, and engineering services. Our service delivery covers cost estimating, conceptual design for project definition, risk analysis, front-end loading, value engineering and basic-to-detailed design of all disciplines.

At MVC Controls, we offer services that

support you in improving the performance of your assets and optimizing costs, while keeping your assets compliant with regulations.

We go to great lengths to do this because we are aware that the performance of your assets directly affects the performance of the company. So, we do the most to help you increase asset reliability & integrity, leading to better availability, higher productivity, and more output.

With us, you also get stellar maintenance plans that would significantly reduce the costs of maintenance and downtime, helping you deliver at your best, every day, round the clock.



At *MVC Controls*, we offer services that *support* you in improving the performance of your assets and optimizing costs.

...Work with Us



OUR VISION

To be a valued service-oriented company and the first choice of our target stakeholders.



OUR MISSION

Epitomise professionalism and integrity to set a benchmark in generating stakeholder value.

OUR CORE VALUES



SAFETY

Safety. Every accident can be prevented. We think safety and work safely.



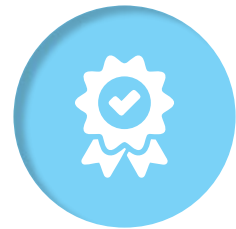
INTEGRITY

Integrity. We strive to maintain the highest ethical standards in all our core operations directly and indirectly and this is independent of wherever we are operating from globally.



INNOVATION

Innovation. We invest heavily in new ideas, new technologies and regular training (for our team) to solve the challenges of our clients and deliver them at the most economical cost.



EXCELLENCE

Team and Individual Excellence. We set new standards of excellence in everything we do, both individually and as a team. We go the extra mile to get the work done excellently.

OUR SERVICES

Our areas of expertise include but are not limited to the following:

CORROSION CONTROL

1. Blasting and Coating
2. Cathodic Protection: Design, Installation, maintenance, and Inspection
3. Passive Fireproofing
4. Thermal insulation
5. Passivation and Pickling
6. Thermal Spray Aluminum (TSA)
7. Galvanization
8. Quality Control and Quality Assurance inspections
9. Direct Current Voltage Gradient

MECHANICAL

1. 3G and structural welding
2. Welding Quality Control and Quality Assurance inspections
3. Hydro testing
4. Augment/Torquing
5. Tank Cleaning, Sludge/Sediment separation and Disposal

NON-DESTRUCTIVE TESTING

1. Ultrasonic Testing (Ut)
2. Penetrant Testing (PT)
3. Magnetic Penetrant Test (MT)
4. Long Range Ultrasonic Testing (LRUT)
5. Short Range Ultrasonic Testing (SRUT)
6. Phase Array Ultrasonic Testing (PAUT)
7. Radiographic film inspection (RFI)

8. Time of Flight Diffraction (TOFD)
9. Tubular Inspection Using IRS/RFT/ECP
10. Corrosion mapping and Survey
11. Corrosion under insulation (CUI)

EMERGENCY REPAIRS

1. Clamping
2. Sectional Replacement
3. Composite Wrapping

HOT TAP

1. Connection Fabrication
2. Flow By-pass
3. Tie-in and Commissioning

CONSTRUCTION

1. Pipeline/Flow-Line Construction
2. Facility upgrading/Maintenance services
3. River and Road Crossing
4. Third-party Inspection Services
5. Material, Equipment and Labor Supply.

PROJECT MANAGEMENT

1. Project Planning and Execution
2. Project Costing
3. Project Scheduling
4. Supply chain management

MARINE SERVICES

1. Marine Logistics
2. Marine Equipment supply



Asset Integrity and Reliability Management

At MVC Controls Ltd, we understand the principles of performance evaluation and prediction to improve product/systems safety, reliability and maintainability.

We design, review and control; prediction, estimation, and apportionment methodology; failure mode effects and analysis; the planning, operation and analysis of reliability testing and field failures, including mathematical modelling, we are mindful of human factors in reliability; we aim towards developing and administering reliability information systems for failure analysis, design and performance improvement and reliability program management over the entire product life cycle.

Our engineers provide strategic and tactical services to enhance asset performance or reliability, leverage CMMS investment and ensure Asset Performance Optimization

through best practice process utilisation.

We measure results with two key metrics – maintenance cost as a percentage of Replacement Asset Value (RAV) and uptime for critical assets to deliver more output at lower operating costs without capital for capacity additions.

Our Reliability Program includes but is not limited to the following services:

- Equipment / Asset Walk Downs
- Reliability Engineering
- PM Optimization
- Predictive Maintenance Program
- Development and Implementation
- Spare Parts Program
- Planning and Scheduling
- Reliability Program Implementation



Fabric

Maintenance

Activities

At MVC Controls Ltd, we provide cutting-edge technology in corrosion protection services through Ice/Grits/hydro blasting and painting/coating with either rope access, scaffold access or Robotics

Our Fabric Maintenance activities for all onshore and offshore requirements include;

- Condition Surveys
- Surface Preparation (Ice Blasting, Hydro Blasting and Grit Blasting)
- Coating Solutions (Single Component and Plural-Component System Application)
- Passive Fire Protection

- Insulation and cladding jacketing
- Special Access Systems (Rope Access, Netting, Rigging, Scaffolding and Robotics)
- Construction Support





Corrosion Monitoring Inspection and Test

At MVC Controls Ltd, We understand the importance of NDT Inspection services to our clients. Not only can our clients improve plant reliability, reduce operational and maintenance costs, enhance safety and extend plant life, but they can also monitor and improve their operations across the board focused on conventional, specialized Inspection and Non-Destructive Testing (NDT) inspection services coupled with efficient management and cost-effective implementation.

We have state-of-the-art equipment and highly trained technicians. All our technicians are multi-disciplined IRATA certified Rope Access Technicians. This gives us a wide range that allows us to carry out multiple scopes for you.

Our Inspection Services include:

- General Inspection
- Risk-Based Inspection
- Corrosion Monitoring and Mapping
- Coating Inspection
- Welding & Coating Inspection
- Remote Controlled Inspection
- Ultrasonic Testing (Ut)
- Penetrant Testing (PT)
- Magnetic Penetrant Test (MT)
- Long Range Ultrasonic Testing (LRUT)
- Short Range Ultrasonic Testing (SRUT)
- Phase Array Ultrasonic Testing (PAUT)
- Radiographic film inspection (RFI)
- Time of Flight Diffraction (TOFD)
- Tubular Inspection Using IRS/RFT/ECP
- Corrosion mapping and Survey
- Corrosion under insulation (CUI)

Blasting and Painting Services

At MVC Controls Ltd, we provide various types of blasting and painting services to the Oil and Gas Industry.

Our Methods of blasting and Coating include the utilization of coal slag, Cobb, glass, UHP (ultra high pressure), hydro blasting, Ice blasting and steel shot blasting. We also cover robotic and blast track self-contained systems, pressure, steam and chemical cleaning, power and mechanical methods of surface preparation and coating application.

In a constantly changing regulatory environment and with new technologies emerging daily, our highly skilled blasters



and painters are committed to providing the best solutions, best methods, best quality and best value in areas where you need us.

We typically service Shipyards, LNG Plants, Fabrication Facilities, Offshore and Onshore Projects and more. We understand that each client has their own specifications, and we offer unique solutions to sufficiently meet every demand.



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Cathodic Protection Services

Our certified experts are able to provide project management services for Engineering, Procurement, Construction, Commissioning and Troubleshooting of Cathodic Protection systems.

We provide optimal cost-effective solutions to protect assets such as cross-country pipelines, buried plant piping, storage tanks and pressure vessels from costly corrosion damages by designing suitable CP systems in the following areas:

- CP consulting, design and installation
- Maintenance of deep anode and conventional anode bed systems, under/interior tank CP systems and solar-powered CP systems
- Remote monitoring
- Surveys: annual test point, AC/DC



- interference, leak detection, pipeline, GPS, DC VG, AC VG, depolarized, depth-of-cover, plant and refinery
- DOT compliance management
- Periodic rectifier repair and adjustment
- Thermal electric generator maintenance
- Test station and line marker repair
- Full line of corrosion control products

Project Management



At MVC Controls Ltd we always strive to exceed our Customers' needs and expectations in every project to build client confidence, our time-served, competent and experienced fabric maintenance personnel offer a range of the following trade skills to successfully complete maintenance projects safely and on schedule.

- Project Integration Management
- Project Scope Management
- Project Time Management
- Project Cost Management
- Project Human Resources Management
- Project Communication Management
- Project Risk Management
- Project Procurement Management

Welding and Fabrication



MVC Controls Ltd is experienced in a wide variety of construction specialities including oil and natural gas gathering, construction of new production facilities and petroleum and natural gas transportation lines.

We strive to complete any project in a timely and cost-efficient manner. We have certified and competent welders in carbon and stainless steel piping. Whatever your welding or fabrication requirements, we are happy to discuss them with you and provide a competitive quote.

Rope Access Services

At MVC Controls Ltd, we help our clients tackle hard-to-reach repairs, installations, inspections, and routine maintenance needs quickly and efficiently by providing rope access equipment, solutions and personnel for their projects.

Through Rope Access services, we can eliminate the typical high cost and time of scaffolding, providing a quicker and more cost-effective solution.

Our work scopes are fully project managed and we supply a variety of competent, multi-disciplined personnel to carry out a full range of services. We also make use of our blasters and painters that are IRATA

Certified Rope Access Technicians.

This enables us to work in difficult-to-reach locations. Where there are time restraints in completing a project, Rope Access is a means to complete your projects safely, on time and within budget.



Supply Chain and Consultancy Management

At MVC Controls Ltd, we provide comprehensive supply chain and consultancy management services that can save you time and money.

Our team of trained supply chain experts can get your business to where you have dreamed it to be. We go beyond logistics and include value-added services related to the production or procurement of goods and services in the Oil and Gas and allied industry. We can help with your automotive supply chain mapping and allow you to concentrate on other important areas of your business.

Our supply chain project managers can help you by:

- Establishing certification requirements
- Reviewing bids for technical, QA and commercial aspects
- Carrying out pre-qualification of suppliers and sub-contractors
- Preparing Inspection Plans and performing inspections during manufacturing
- Reviewing QA/QC procedures
- Performing witness tests
- Controlling quantities, packing and marking, plus



- loading
- Supervising and inspecting on-site during construction and maintenance.
- Supplying technical specialists across all disciplines
- Conducting non-destructive testing Providing health and safety audits, as well as environmental audits

Get in touch with us now to find out how our supply chain management services can benefit your business.





Marine Services

At MVC Controls Ltd, we render services in marine, shipping, engineering and related logistics services to Oil and gas and allied industries. Our maritime support activities cover the entire life cycle of an oil field.

Our service offerings include:

- Provision of offshore support and installation vessels
- Assistance, salvage, and pollution remediation
- Support floating oil and gas production, storage, and unloading units
- Towing, anchoring, and positioning of offshore installations
- Asset integrity management





OUR CLIENTS AND PARTNERS

MVC Controls Ltd, through our partnership with other companies, has contributed to the sustained excellence of a number of big names within the industries we operate in.

Some of the brands we have worked with include:





Work With Us

You've set up a stellar facility; let's help you keep it at 100!

At MVC Controls, we offer services that support you in improving the performance of your assets and optimizing costs, while keeping your assets compliant with regulations. We go to great lengths to do this because we are aware that the performance of your assets directly affects the performance of the company.

So we do the most to help you increase asset reliability & integrity, leading to better availability, higher productivity, and more output. With us, you also get stellar maintenance plans that would significantly reduce the costs of maintenance and downtime, helping you deliver at your best, every day, round the clock.

Reach out to us today!



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