



QUALITECH

INDUSTRIAL ▪ MANUFACTURING ▪ DISTRIBUTION

Qualitech Machining
Services Limited
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Point Lisas Industrial Estate,
Trinidad W.I.

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Safe TO Work



CERTIFIED



@quali.tech

SERVING INDUSTRIES FOR OVER 25 YEARS

Qualitech Machining Services Limited was founded in 1995 and operates in the heart of the Point Lisas Industrial Estate, Trinidad W.I. As our name suggests, "Qualitech" is a combination of QUALITY and TECHNOLOGY and this is embedded in everything we do.

Qualitech is one of the leading engineering companies in the Caribbean specializing in the supply, installation, manufacture, repair, servicing and support of equipment for all industrial sectors. This includes, but is not limited to, the Petrochemical, Manufacturing,

Marine, Food and Beverage, Quarrying, Agriculture, Oil and Gas exploration and Construction Industries.

Over the last 20 years in operation, our Qualitech brand has expanded beyond machining services. This intense growth has been powered by our team of dedicated and experienced employees who are eager to go the extra mile to ensure quality service to our valued customers. Our growth has been fueled by the demand of our customers for a 'one stop shop'.



Our Vision: To be the premier machining, engineered solutions and services provider in the region



Our Mission: To inspire customer confidence in all areas of our business by delivering superior quality, exceptional service, and advanced technological solutions through our engaged employees and valued business partners.

SERVICES & SOLUTIONS

- Industrial
- Manufacturing
- Distribution
- Engineered Product Sales and Services
- Projects Execution and Management

- Technical Manpower Supply
- Motors and Generators Servicing and Rewinding
- Rental – Workshop, Warehouse, Office



INDUSTRIAL

- Certified Equipment Overhauls
- Pump, Motor, Gearbox, Engine, Compressor & Turbine Repairs
- Dynamic In-House & Field Balancing
- Fabricating & Welding
- Blasting: Glass Bead, Steel Grit & Garnet
- Corrosion Protection Coatings
- Climate Controlled Storage
- 3D Printing Services
- Metal stitching
- Specialist HVOF Metal Spraying
- On-Site Machining, Reliability & Labour Supply
- Material Analysis & Hardness Testing

MANUFACTURING

- Reverse Engineering
- Precision Machining Services
- Manufacture & Repair of Industrial Spares
- CNC Machining
- CNC Turning
- 5-Axis Milling
- 3D Laser Scanning
- CMM Inspection
- CAD/CAM Capabilities
- Abrasive Water Jet Cutting

DISTRIBUTION

Warehouse and Building Solutions:

- Air Flow Control Solutions - Blowers and Fans
- Led Lighting
- Security Fencing
- Security surveillance Cameras
- Racking systems
- Lighting towers and accessories
- Generators and accessories
- Roofing Sheets
- Forklifts

RENTAL

- Workshop, Warehouse and Office Space
- Light Construction Equipment
- Climate Controlled Storage:
 - Turbines
 - Motors
 - Critical Equipment



PROJECT EXECUTION & MANAGEMENT

We specialise in providing construction/engineering and integrated projects, engineering solution design, plant upgrades and expansions, packaged equipment manufacture, building construction and outfitting, asset management and maintenance, equipment procurement & installation and technical manpower supply – engineers, technicians, tradesmen, HSE, admins etc.

We are well capable and experienced in successfully delivering Projects in the following disciplines:

- Structural/Mechanical Fabrication
- Piping Fabrication
- Electrical & Instrumentation:
 - Power & Lighting –commercial & industrial
 - Automation & Integration
 - Electronic and Pneumatic Instrumentation
 - Metering & Measurement
 - Electronic Security
- Building Construction
- Equipment Supply/Installation/Repair/Maintenance
- Civil/Concrete works
- Engineering Solutions (wide range) and Integrated Projects
- Technical/Administrative/HSSE Manpower Supply

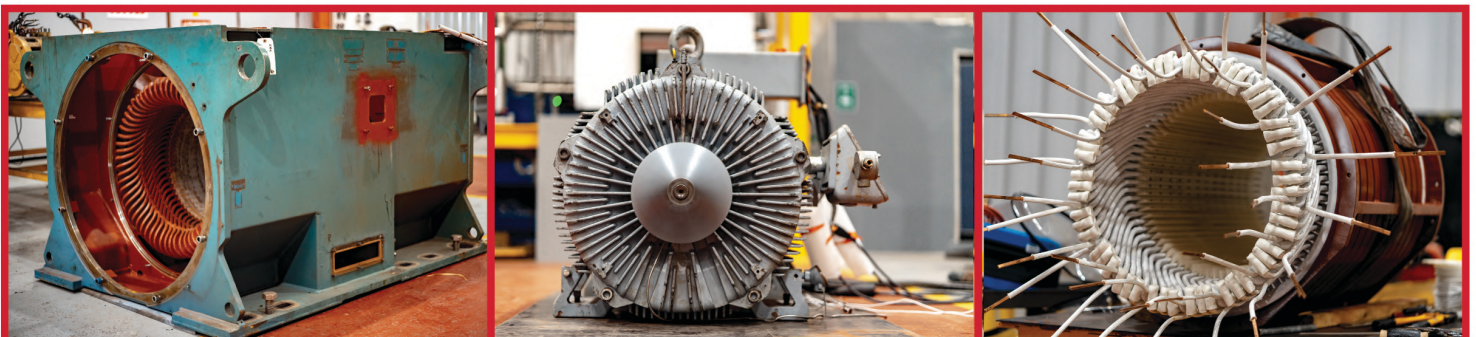


ELECTRICAL MOTOR SERVICES

From basic overhaul, rewinds, upgrades, installations and new equipment sales, we offer our customers a true one-stop service experience.

Our core competencies include:

- Electric motor repair to over 5,000 HP both low voltage and medium voltage up to 7200 volts
- Generator repair up to 2000 kW
- Rewinding of both AC and DC apparatus
- Motor redesign and upgrades
- DC Brush replacement and maintenance
- Motor circuit evaluation and testing
- Thermographic surveys
- In-house retrofits
- Sale of new motor and generators of all top OEM brands
- Sale of monitoring, auxiliary devices and systems such as vibration instrumentation and bearing protection devices
- 24/7/365 Service Support
- 15 ton lifting capacity
- Dynamometer load testing
- Full complement of workshop equipment including machining facilities
- Comprehensive report generation from calibrated and NIST traceable instruments and equipment



ENGINEERED PRODUCTS, SALES & SERVICES

Valve and Actuators

- Actuators from Emerson / REXA – Pneumatic, Electric, Hydraulic, Electrohydraulic (Electro Hydraulic)
- Valves from OMB / VOGT – Ball; Gate; Globe; Butterfly; Check Valves
 - Triple Offset Zero Leakage
 - Rotary Process Valves Control Valves
 - Desuperheater Valves
 - Pump Protection Valves



Rotating Equipment

-Air Compressors:

- Portable / Engine driven Units from Doosan Portable Power – Standard or Instrument Air Quality
- Stationary Air Compressors and Accessories, Dryers and Effluent Treatment System from Ingersoll Rand
- Up fit of industrial engine or electric driven air compressors to meet C1D2 compliance and inclusion of certified skid



-Pumps

- Pumps Types Include: Vertical Turbine; Centrifugal; Pneumatic Powered; Reciprocating; Diaphragm; Piston; Electric Submersible, Fire water, Solid Handling



-Motors from Wolong Laurence Scott and Other Major Motor Manufacturers

- Motors -AC Single and 3 Phase; NEMA Frames; ODP; TEFC; Medium Voltage; Vertical; Severe Duty; Explosionproof; DC motors, and gearmotors
- Adjustable Speed Drives



-Gearboxes

- Gearboxes



Process Equipment

- | | | | |
|------------------------------|-----------------------------|----------------------|-----------------------------|
| • Heat Exchangers | • Waste Heat Boilers | • Ammonia Vaporizers | • Reactors |
| • Re-heaters and Pre-heaters | • Nitric Acid Gas Expanders | • Reaction Towers | • Wash Columns |
| • Coolers and Condensers | • Gas Scrubbers | • Acid Evaporators | • Pickling Coils |
| • Pressure Vessels | • Steam Sparging Tubes | • Steam Generators | • Other specialty Equipment |

-Special focus is working with highly corrosion resistant materials and technologies including but not limited to Alloy 600 / 800, Haynes alloy G-30, G35 & C276, Sanicro, Titanium, Zirconium and 300-400 Stainless Steel.

Examples of solutions provided are as follows:

- Cooling and Heating Solutions – Chillers, Cooling Towers (Fiberglass)



Electrical, Instrumentation and Controls

- Turbomachinery Controls for Turbines and Compressor
- Vibration Monitoring Instrumentation
- AC Drives, Motors, Servo Systems and HMI's
- Gas Analyzers, Ultrasonic Flowmeters, Temperature Controllers, Pressure Transmitters, Level Transmitters
- Gas Detection and Monitoring Systems
- Electrical Switchgear and Transformers



Other:

- Nordlock Washers
- Superbolt
- Automotive & Technical Training Equipment
- Machinery-Lathe, Mills Etc.



Light Construction Solutions

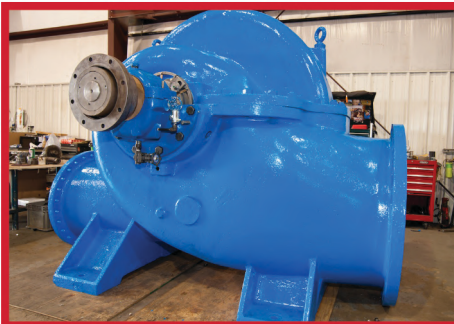
- Mini Excavators, Skid-steer loaders, Backhoes, Compact Tractors, Telehandlers, Mowers, Utility Vehicles
- Wide Range of Interchangeable Attachments and Accessories.
Bucket, Breakers, Auger, Angle broom, Backhoe, Concrete Mixer, Concrete Pump, Pallet Fork, Grapple, Soil conditioner, trencher, wheel saw, Tiller, Vibratory Toller, Vibratory Plow, Plate compactor and many more.



OUR AFFILIATES



PHOTOS



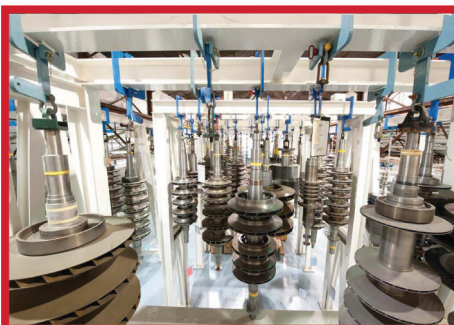
Pump Overhaul



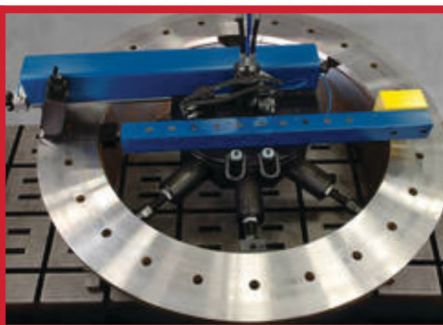
Reverse Engineering



Blasting & Coating



Climate Controlled Storage



On-Site Machining



Projects