



- Calibration & Certification ■
- Supply, Repair & Rental of Testing Equipment ■
- Industrial Automation : PLC/SCADA/VFD ■
- Internet of Things(IoT) & IIoT ■
- Circuit Breaker(ACB) Testing, Repair, Retrofit ■
- Marine Automation and Control ■
- Industrial Electrical & Instrumentation ■
- Cable Fault Location & VLF Testing ■
- Fabrication & Mechanical Services ■



INTRODUCTION

VEETECH Instrumentation & Control Service LLC, an ISO 9001:2015 Certified company based in Mussafah Abu Dhabi was founded in the year 2006 with an objective to provide solutions and services which not only meet, but exceed recognized standards in the Marine, Oil & Gas and the Industrial Sector, concentrating in the field of Instrumentation, Automation, Calibration & Certification.

We have received OHSMS ISO 45001:2018 and ISO 14001:2015 certifications from Bureau Veritas.

VISION

Be the global leader in automation and control system delighting our customers.

MISSION

To continuously improve and diversify our offerings by aligning our business strategies with end customers' priorities, creating long-term partnerships, harnessing opportunities, acquiring new capabilities.

OUR SERVICES

- Calibration & Certification
- Repair & Rental of Testing Equipment
- Supply of Test Equipment
- Industrial Automation : PLC/SCADA
- Internet of Things(IoT) & IIoT
- Circuit Breaker(ACB) Testing, Repair, Retrofit
- Marine Automation and Control
- Industrial Electrical & Instrumentation
- Fire and Gas System
- Thermography Survey
- Cable Fault Location & VLF Testing
- Fabrication & Mechanical Services

CALIBRATION & CERTIFICATION

Our Lab is equipped with best-in-class calibration facility in the UAE with ISO 17025:2017 accreditation for various parameters along with ISO 14001:2015 and OHSMS ISO 45001:2018 accreditation. The main objective of our Lab is to assist the Oil & Gas Industries, R&D organizations and Aerospace & Defense by providing highly sophisticated testing and calibration facilities, material analysis facility, R&D support, consultancy services.

We have the ability to test and calibrate a wide variety of test and measurement equipment. Calibration services now offered include Electrical, Pressure, Temperature & Humidity, Dimension, Torque instruments.



We also provide Testing and Certification for below services:

- Fixed gas system Calibration & Certification
- High Voltage & VLF Testing & Certification
- Energy Meter Calibration
- PAT Testing & Certification
- OTDR and Power Meter
- Cleanroom Inspection & Certification
- Safety Valve & Control Valve Testing/Repairing





Flow meter, BTU Calibration, Repair & Certification

Veetech has capability to verify the flowmeter onsite with clamp-on meter and In-house with master flowmeter or weigh scale.

Once put into service all flowmeters should be returned annually for flow calibration or at least biennially. In order to prove a flowmeters performance and accuracy it must be checked against a reference device such as a master flowmeter or master weigh scale.

The water tank and pipe work are manufactured from stainless steel and the water is filtered and screened to ensure no debris can enter the system.

We have experience engineers who is capable to repair, retrofit flow meter irrespective of origin and medium.

THERMOGRAPHY SURVEY

We provide specialist thermal imaging surveys to customers from all industry sectors including onshore & offshore oil and gas installations worldwide.

Thermography is the process of using a thermal imager to detect infrared radiation (heat) that is emitted by an object to validate normal operations and, more importantly, locate thermal abnormal patterns of heat invisible to the eye which indicate possible faults, defects or inefficiencies within a system or machine asset. Infrared is widely applied in Industrial applications such as:

- Electrical Systems (faulty electrical connections or overloaded circuits)
- Mechanical Equipment (abnormally warm motors or possible bearing failures)
- Fluid Systems (line blockages, tank levels or pipe temperatures)
- Building Applications (detect missing insulation, air infiltration or moisture damage)
- Low-Slope Roofs (locate wet roof insulation)



Industrial Automation & Process Control Solutions & VFD

Veetech offers turnkey integrated industrial automation solutions based on state-of-the-art PLC, HMI and SCADA technologies as well as DCS for a wide range of industrial automation applications including manufacturing, utilities, Oil & Gas, Food & beverages, Marine and service industries.

We take full responsibility for the engineering, procurement of control hardware and Instruments, control panels fabrication, PLC/SCADA software development, field installation, commissioning, and startup of industrial control systems.

Our engineers are trained and certified in programming of major PLC manufactures like Schneider, Siemens, Delta, ABB and AB. Our engineers are well aware of industrial standards and we develop graphics and SCADA for almost all major domains.

Under the supervision of our experienced Engineers, we provide a state of art facility for Panel assembly and FAT. Our trained and experienced technicians and electricians make sure the readiness of panel for pre-FAT testing well before the proposed FAT date. We provide full integrated testing facility to our customers to conduct %100 Factory acceptance test.

We have tailor made simulation boards for all types of signals to do the integrated testing for the systems to ensure that site commissioning time is utilized effectively and to ensure that customer has fully witnessed his process in our workshop.

Control System Detailed Design, including:

- System Architecture Drawings
- IO Point List
- Instruments List
- Functional Design Specifications (FDS)
- Control Panel Drawings
- Instruments Selections
- I/O Wiring Drawings
- HMI Screens Design
- Data Acquisition Requirements
- Reporting Requirements

Control Panels Assembly

- Field Installation
- Field Cabling and Containments
- Instrument Field Calibration Services

Our Partners

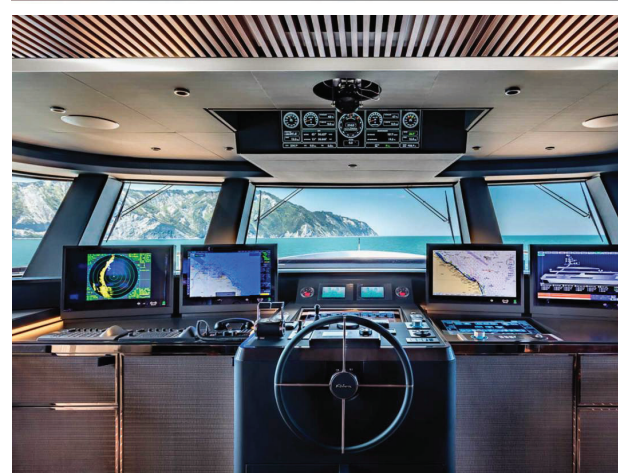


Marine Automation & Control System

We are specialized in installation, servicing, voyage repairs, retrofit, conversions and dry-docking activities associated with all classes of Ocean-going vessels consisting of Luxury Boats, Supply vessels, Liners, Bulk / Break Cargo vessels, Product Carriers, Chemical carriers, LNG Carriers, Crude carriers, Oceanography & Research Vessels.

VEETECH takes care of all the following aspects of the Control Systems and let our valuable clients free from all worries:

- Fire detection System
- Pneumatic Control Systems
- Cargo Control & I.G. Systems
- Engine Room Bilge Alarm System
- Pump Room Temperature Monitoring System
- Engine Control, Safety and Protection Systems
- Boiler Control and Burner Management Systems
- Oil Water Separator and Bilge Oil Content Monitors
- Gas Analyzers and Pump Room Gas Monitoring System
- Tank Level Gauging Systems



Industrial Internet of Things (IIoT)

The Industrial Internet of Things (IIoT) is the collection of sensors, instruments and autonomous devices connected through the internet to industrial applications.

The driving philosophy behind IIoT is that smart machines are better than humans at accurately and consistently capturing and communicating real-time data. In manufacturing specifically, IIoT holds great potential for quality control, sustainable and green practices, supply chain traceability and overall supply chain efficiency.

Benefits of IIoT :

- It increases efficiency and productivity.
- Optimization of machine performance
- Reduction of human errors
- Improvement in logistics and distribution
- Decrease in the number of accidents
- It improves the understanding of consumer demands

Test Equipment Repair & Megger ASC

We provide unrivalled repair and servicing for almost all Electrical Instruments apart from Megger products covering the whole UAE.

Most repairs and servicing are carried out at our custom-built service and repair center which allows us the control to collect, repair or service and return your equipment within a set period of time, according to the product and the type of repair required.

We have authorized Service Engineers & Technicians who have decades of experience repairing and servicing Megger instruments.

- Primary/Secondary Current Injection Test Kits
- Relay Test Kits
- Battery Impedance Testers
- Cable/Sheath Fault Locators
- Time Domain Reflectometer
- Oil Test Sets
- Portable Appliance Tester
- Transformer Ohmmeter
- Battery load Unit
- Hi-pot Tester
- Insulation Testers
- RCD & Loop Tester
- Digital Low Resistance Ohmmeter (DLRO)
- Breaker Analyzer System



Rental of Test & Measurement Equipment

We offer a fastest and most cost-effective way to get the equipment rented in UAE. Our trusted rental services provide pre-calibrated, ready-to-use equipment delivered to you in a flexible way that meets your needs.

Moreover, OEM authorized service engineer is also rendered to all our clients by providing Training on the Usage & Application of the Test Equipment and any Technical support. We have comprehensive range of Testing Equipment brands like Megger, Fluke, Baur, High Voltage, Omicron, Emerson, Hioki. Our products ranges from Primary Injection Kit, Secondary Injection Set, HV Test Set, Hipot Testers, Baur Shirila, VLF Test Kits, AC-DC Test Sets to Digital Multimeters, High Voltage Detectors, HART Communicators, Field Communicators, Power Quality Analyzer, Holiday Detectors.

CABLE FAULT LOCATION

LV and HV cables can be a challenging asset to manage as it is difficult to gain an understanding of their condition when they are buried in the ground. We have the expertise to offer a selection of services to enable the condition of an underground cable to be mapped.

Faults in cables can occur due to many reasons, such as regular service ageing, over voltages, thermal overload, corrosion, and poor workmanship during transport and installation, among others. Obtaining efficient equipment to locate and resolve faults as soon as possible helps to keep downtime and subsequent costs to a minimum. Our cable fault location portfolio of instruments and systems are applicable to all types of cable faults such as:

- Short circuit faults
- Cable cuts
- Resistive faults
- Intermittent faults
- Sheath faults



Air Circuit Breaker (ACB) Test, Repair & Retrofit

It is necessary to periodically test your low voltage circuit breakers for proper response under overload and fault current conditions. VEETECH will inspect and perform all required tests and adjustments per manufacturer specifications on your circuit breakers. We will ensure the integrity of your circuit breakers before they are placed into service.

- High Current Testing – Primary Current Injection
- Secondary Current Injection testing
- Insulation resistance testing (megger testing).
- Contact resistance testing.
- Operating mechanism testing.

- Solar Photovoltaic Tester
- Power Quality Analyzer
- Insulation, RCD & Earth Tester
- EV Charging Station Tester
- Process & Loop Calibrator
- Thermal Image Camera
- Environmental Meter



KANOMAX
The Ultimate Measurements

- Airflow Testing Equipment
- Airflow Capture Hood - Balometer
- Handheld Manometer
- Professional Anemometer
- Particle Counter
- Indoor Air Quality Monitor
- Dust Monitor



NOVOTEST

- Ultrasonic Flaw Detector
- Bench & Portable Hardness
- Ultrasonic Thickness Gauge
- Coating Thickness Gauge Tester
- Magnetometer
- Construction Material Testing



NAVIS anemometers



- Wireless Anemometer
- Crane Anemometer
- Handheld Anemometer
- Wind Loggers
- Tank Level Sensor

- Thermal Imaging Camera
- Monocular Camera
- Binocular Camera
- Temperature Screening Camera
- Camera



T&R T&R TEST EQUIPMENT
TRUSTED & RELIABLE

- Primary Current Injection
- Secondary Current Injection
- High Voltage Tester
- Digital Micro-Ohmmeter

TECHNOAC

- Cable & Pipe Locator
- Water Leak Detector
- Cable Fault Locator
- Thermo-Hygrometer



SHINHO
SHINHO · CONNECTING FUTURE

- Fiber Fusion Splicer
- Fiber Cleaver
- Fiber Test Instrument
- Power Meter
- Light Source

meatest

- Multi Product Calibrator
- Power & Energy Calibrator
- Process Calibrator
- Electrical Test Calibrator
- Decade Resistance



Tractel®

- Load Cell & Dynamometers
- Rope & Lifeline tension meters
- Safety Harness
- Motorised & Manual hoist
- Fall arresters



Stellar Instruments

- Temperature & Humidity Meter
- Air Quality Monitor
- Particle Counter
- Inspection camera & Videoscope
- Vibration & Tachometers
- Sound Level meter & Lux meter
- Battery Analyzer & LCR Meters
- Water Quality Meters



PRESYS

- Dry Block Calibrator
- Infrared Thermometer Calibrator
- Pressure Calibrator
- Temperature Sensor
- Universal Process Calibrator
- Hand Pump





Explore Our Products



SIEMENS



Allen-Bradley
by ROCKWELL AUTOMATION

mavili



LR-Cal



SENKO



Megger.



dpm



TECHNO-A

meatest



ZOGLAB
Atmosphere & Environment



VEETECH

Instrumentation & Control Service LLC.

Abu Dhabi

P.O.Box 127925, Mussafah Ind.
Area M3 - Plot 18, Abu Dhabi - UAE.
Tel. : +971 2 5557390

Dubai

P.O.Box : 451392
Warehouse No 10 Plot No - 597 - 544,
DIP-2, Dubai - UAE.
Tel. : +971 4 3979144

Mail : Info@vicsllc.ae
www.veetechllc.com