

PREFACE

BIWU Technical services trading and contracting is in operation under parent company BIEWU International to address the E&I testing, commissioning and troubleshooting requirement in leading Oil/Gas/Commercial installations in the state of Qatar.

We operate and run a unique facility in the MENA region to meet the requirement of specialised services for MV/LV VFD drives and soft starters from leading local and international Oil/Gas and Marine industries in the region.

Our Vision

Create an enduring legacy, benchmark across industries through knowledge & innovative expertise.

Our Mission

Bridging the Industrial gaps in niche domains of Energy, Oil & Gas, Power & Water with quality products and services by creating & adding value as Market Leaders, ensuring growth for employees and high returns to Investors, Customers.

Local Presence > Global Reach >>

◆ QATAR ◆ USA ◆ KSA ◆ UAE ◆ TURKEY ◆ INDIA
◆ CHINA ◆ KOREA ◆ SINGAPORE ◆ MALAYSIA

Industries and Assets Focussed

Oil-Gas, Chemicals Plants / Commercial Installations

- **Transformers**
- **HT/LT Motors**
- **Cables - HT/LT Power, Instrumentation, FOC**
- **Protection relaying**
- **MV / LV Switchgears**
- **AC, DC UPS and Battery banks,**
- **MV / LV VFD, Inverters,**
- **MV Soft starters**
- **Instrument Control and Manual Valves,**
- **Field instrumentation in-situ calibration**
- **Control System, PMS**
- **SCADA, PLC, DCS**
- **ELV system, Telecom, CCTV, Security, FA**
- **Plant Preservation and Anti-Corrosion**
- **HVAC with DDC programming**
- **Arc flash PPE, General PPE**

E&I SERVICES – Field and Workshop Services



- ✓ HV/LV Switchgears
- ✓ HV/LV VFD Drives, Soft starters
- ✓ CB, CT/PT, Relay Testing
- ✓ Thermographic Imaging
- ✓ Hi-pot & Partial Discharge (PD)



**Testing, Commissioning,
Condition monitoring,
Reliability improvements,
Repairing, Overhauling,
PM/CM, RCA Analysis**



- ✓ Transformers (Oil & Dry)
- ✓ Motor Rewinding Services



- ✓ Cable Fault Location
- ✓ MV/LV Cable testing & FOC Cable work

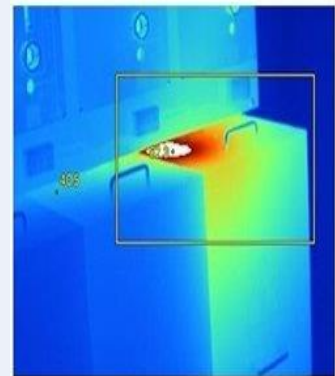
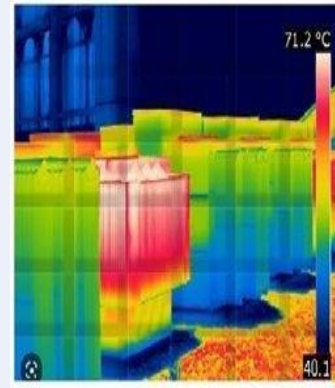


- ✓ Instrument Calibration



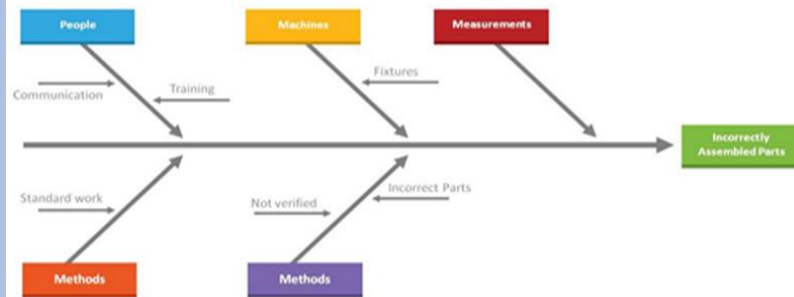
- ✓ Battery Management
- ✓ Earth Grid Testing

E&I SERVICES – Field NDT Services



**Testing, Commissioning,
Condition monitoring,**

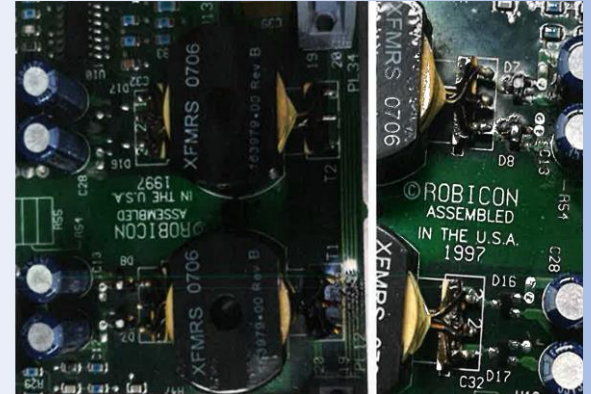
Fishbone Diagram



- ✓ FEED - Feasibility studies
- ✓ HV / LV distribution system design
- ✓ Substation design
- ✓ Earthing and bonding modelling & design
- ✓ Protection grading & Coordination studies
- ✓ Load flow analysis
- ✓ Transient Motor Start
- ✓ Transient Stability Studies
- ✓ Arc flash analysis
- ✓ Harmonic Analysis
- ✓ RCA Sessions
- ✓ HAZOP
- ✓ SIL studies
- ✓ Tech. Procedure writing
- ✓ Technical training

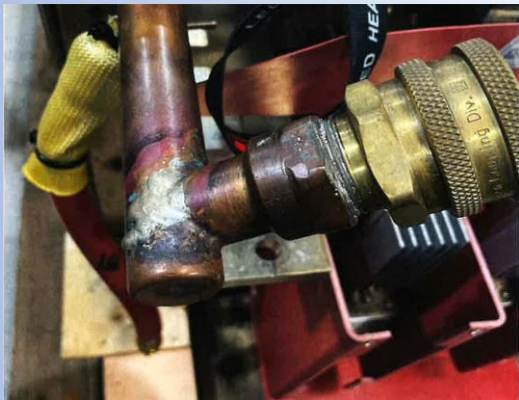


E&I SERVICES – Variable speed drives Repairs / Overhaul



Current ongoing work-

MV VFD
Repair / Overhauling,
Reliability improvements,
Warranty extension,
PM/CM, RCA Analysis



E&I TRADING



WAROM - E&I Products



DKLOK – Instru. tubes and fittings



Solar Lights

VALUE ADDITIONS

- **Fully equipped E&I workshop facility at Qatar, specially designed to meet Service / Overhaul / Refurbishment requirement**
- **Immediate presence of Subject Matter Experts and Ex-OEM staff in Qatar.**
- **Skilled manpower supply**
- **Supply/Trading of Spares / Components.**
- **Calibration Lab facility and test bench with accreditation.**
- **PPE and AR rated PPE**
- **Corrosion control and Prevention**

CLIENTS ASSOCIATION

Industries -

- Oil-Gas and Petrochemicals
- Chemical plants
- Marine industries
- Metal , Ferrous, Non-Ferrous
- Semiconductor (PolySilicon)
- Nuclear Plant
- Industrial gas plants
- Cement, Building material industries
- Sewage and WTP
- MEP, BMS Building Management services
- HME Heavy equipment handling
- Large warehouse, storage



THANKS FOR THE OPPORTUNITY



M. Riaz Adam – CEO

Phone: +974 55843637, 55527198

Email: riaz@biewuinternational.com

<https://www.biewuinternational.com>

Lalit Parashar – BDM (E&I Division)

Phone: +974 30300649, 55527198

Email: lalit@biewuinternational.com

<https://www.biewuinternational.com>

