



ENGINEERING FOR  
A SAFER WORLD

# ELECTRICAL ENGINEERING SERVICES

KARACHI

LAHORE

ISLAMABAD

MULTAN

[www.velosiaims.com](http://www.velosiaims.com)



Velosi is a global leader in providing a broad spectrum of end-to-end Consultancy Services in the fields of Third Party Inspection (TPI), Vendor Inspection, Statuary Inspection, Certification, Testing, Asset Integrity Management, HSE, Engineering Services, Manpower Services and Software Solutions to clients in the FMCG, pharmaceutical, energy, mining, and oil and gas industries around the world.

With almost four decades of progressive experience, Velosi has gained a solid reputation as a pioneer in the Management Consulting arena. Founded in 1982 and headquartered in Abu Dhabi, the UAE, Velosi commenced operations in Karachi in 2009 under the name VISP (Velosi Integrity and Safety Pakistan) and later established offices in Islamabad, Lahore and Multan.

**42+**  
YEARS OF  
EXPERIENCE

**86+**  
COUNTRIES  
WORLD WIDE

**400+**  
SATISFIED  
CLIENTS

**1200+**  
PROJECTS  
COMPLETED



## Electrical Engineering Services

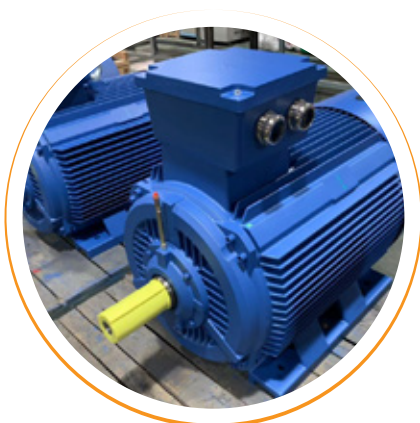
Unplanned Shutdown of Electricity and Asset Failure During Critical hours often shows a lack of commitment, understanding and wrong practices towards the Reliability and Maintainability of Asset. To mitigate, Velosi Integrity & Safety Pakistan's proficient team provides a complete solution of Design integrity, Technical integrity & Maintains Integrity through an advance diagnostic testing & inspection services compliance with IEC, NFPA and ANSI / NETA Standards.



**Transformer Diagnostics**



**HV & MV Cable Diagnostics**



**Rotary Equipment Diagnostics**



**Switchgear Diagnostics**

# Electrical Services



## Asset Testing Services

- MV/LV Panel Testing
- Transformer Testing
- Rotary Equipment Testing
- Cable Testing & Relay Testing
- Solar Panel Testing
- Thermography
- Earth Testing



## Power System Studies

- Load Flow Analysis
- Short Circuit Analysis
- ARC Flash Analysis
- Relay Coordination



## LEED Audit / Energy Audit

- Power Consumption Analysis
- Asset Performance and Efficiency
- Green Building LEED Certification
- Edge Audit & Certification



## Electrical Gap Analysis

*Non- Classified Area (NETA 2019)*

- Electrical Safety Inspection as per NFPA 70E & ANSI / NETA Standard



## Classified Area Study (IEC 60079)

- Electrical Safety Inspection of Asset for Potentially Explosive Atmosphere, Hazardous Area Classification



## Oil Analysis

- Dielectric Break Down Voltage Test
- Dissolved Gas Analysis
- DUVAL's Triangle
- Rogers Ratio
- Furanic Test

## Extensive Electrical Inspection Testing Equipment



### High Voltage Insulation Resister Tester

Brand: KYORITSU

Model: KEW 3125A



### Power Quality Analyzer

Brand: Circutor

Model: MYeBOX -150



### Transformer Turns Ratio Meter

Brand: PROVA

Model: 1660



### Earth Ground Clamp Meter

Brand: Fluke

Model: 1630-2 FC



### Infrared Camera

Brand: Fluke

Model: Ti-400



## WHY CHOOSE VELOSI?

- Industry Certified Experts
- Global Experience
- Advanced & Latest NDT Equipment
- Meets Test Methodologies
- Competitive Market Price
- System Reports & Deliverables



# VELOSI INTEGRITY & SAFETY PAKISTAN (PVT.) LTD.

GET IN TOUCH WITH US



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