GSTIN : 06BTNPK8090B1ZK

Prop. Vimal Kumar Rana

GLOBAL CONTROL SYSTEM (GCS)

ELECTRICAL TESTING | THERMOGRAPHY
MAINTENANCE | COMMISSIONING

RELIABLE SOLUTIONS FOR SAFE AND EFFICIENT OPERATIONS

SAFETY | RELIABILITY | QUALITY | COMMITMENT

MADE IN INDIA

02 COMPANY PROFILE

ABOUT US

Global Control System (GCS) is a trusted name in the field of Electrical Testing, Thermography Inspection, Industrial Maintenance and Commisioining Services. We are committed to delivering safe, reliable and cost-effective solutions to industries, utilities and commercial establishments.

With experienced engineers and advanced test equipment, we ensure accurate diagnosis, preventive maintenance and enhanced operational reliability.

OUR MISSION

To provide innovative, reliable and high-quality electrical services that ensure safety, efficiency and customer satisfaction.

OUR VISION

To be a leading service provider in the electrical testing and maintenance industry with a strong commitment to quality and safety.

PAN INDIA SERVICE

03 OUR SERVICES

ELECTRICAL THERMOGRAPHY INSPECTION
Hotspot detection and preventive maintenance using advanced thermal imaging.

TRANSFORMER TESTING
Routine, Preventive and predictive testing of Power & Distribution Transformers.

ACB / VCB TESTING
On-site testing, timing test, contact resistance, mechanical & electrical operations.

RELAY TESTING
Protection relay testing, secondary injection testing and settings verification.

HT / LT PANEL TESTING
IR, Contact Resistance, Thermal Inspection, Functional testing of all panels.

BREAKDOWN & PREVENTIVE MAINTENANCE
24x7 support for electrical breakdown and scheduical preventive maintenance.

ANNUAL MAINTENANCE CONTRACT (AMC)
Customized AMC solutions for trouble-free operations and cost optimization.

NEW

OEM ACB / MCCB PROTECTION RELEASE TESTING
Internal Protection Release Testing using OEM Branded Secondary Injection Test Kits of L&T, Siemens, Schneider Electric & ABB.

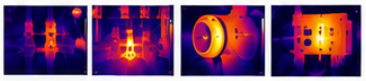
04 THERMOGRAPHY INSPECTION WITH TESTO 872S

TESTO 872S THERMAL IMAGING CAMERA

- 320 x 240 IR Resolution
- SuperResolution to 640 x 480 pixels
- Thermal Sensitivity < 60 mK
- Temperature Range -30°C to +650°C
- Testo Thermal App Connectivity
- Professional Analysis Software
- Image Storage in JPG Format

BENEFITS

- Easy fault detection
- Reduced downtime
- Enhanced equipment life
- Improved safety
- Energy saving
- Detailed reporting



05 EQUIPMENT WE INSPECT

06 TEST EQUIPMENT

OEM PROTECTION TEST KITS (SECONDARY INJECTION TEST SETS)

L&T ACB TEST KIT	SIEMENS ACB TEST KIT	SCHNEIDER MICROLOGIC TEST KIT	ABB EKIP TEST KIT

All equipment are calibrated and comply with international standards.

07 INDUSTRIES WE SERVE

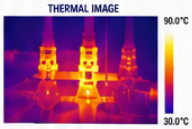
- Power Plants
- Steel Plants
- Cement Plants
- Chemical Industry
- Pharmaceutical Industry
- Textile Industry
- Automobile Industry
- Food & Beverages
- Commercial Buildings
- Hospitals
- Data Centers
- Solar Power Plants
- Government & Utilities

08 WHY CHOOSE GCS?

SAFETY | QUALITY | RELIABILITY | COMMITMENT

09 THERMOGRAPHY REPORT SAMPLE

THERMAL IMAGE



VISUAL IMAGE

TEMPERATURE ANALYSIS

Sr. No.	Connection	Emiss.	Max. Temp.	Min. Temp.	Avg. Temp.
1	R-Phase Connection	0.95	78.4 °C	32.4 °C	56.8 °C
2	Y-Phase Connection	0.95	64.3 °C	31.1 °C	45.7 °C
3	B-Phase Connection	0.95	51.2 °C	30.6 °C	42.1 °C

FINDINGS

High temperature observed in R-Phase connection.

Hotspot due to loose connection.

RECOMMENDATION

Tighten the connection and recheck.

Periodic thermography inspection recommended.

10 ANNUAL MAINTENANCE CONTRACT (AMC)

- Monthly Visual Inspection
- Quarterly Thermography Inspection
- Routine Testing & Measurements
- Breakdown Support
- Preventive Maintenance
- Priority Response
- Detailed Reports
- Cost Optimization

Customized AMC Plans to ensure uninterrupted and efficient operations.

11 OUR PROJECTS & SERVICE COVERAGE

OUR PROJECTS

- Transformer Thermography
- Substation Panel Testing
- Industrial Electrical Maintenance
- Relay & Protection Testing
- Commissioning of Electrical Systems
- Solar Plant Testing & Inspection
- OEM ACB/MCCB Protection Testing
- Secondary Injection Testing
- Primary Injection Testing
- Circuit Breaker Timing Test
- Contact Resistance (CRM) Test
- Relay Testing & Commissioning

SERVICE COVERAGE

PAN INDIA

Serving industries and utilities across all major cities and regions.

12 CONTACT US

GLOBAL CONTROL SYSTEM (GCS)

ELECTRICAL TESTING | THERMOGRAPHY
MAINTENANCE | COMMISSIONING

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SCAN TO VISIT OUR WEBSITE

THANK YOU FOR YOUR TRUST IN GCS