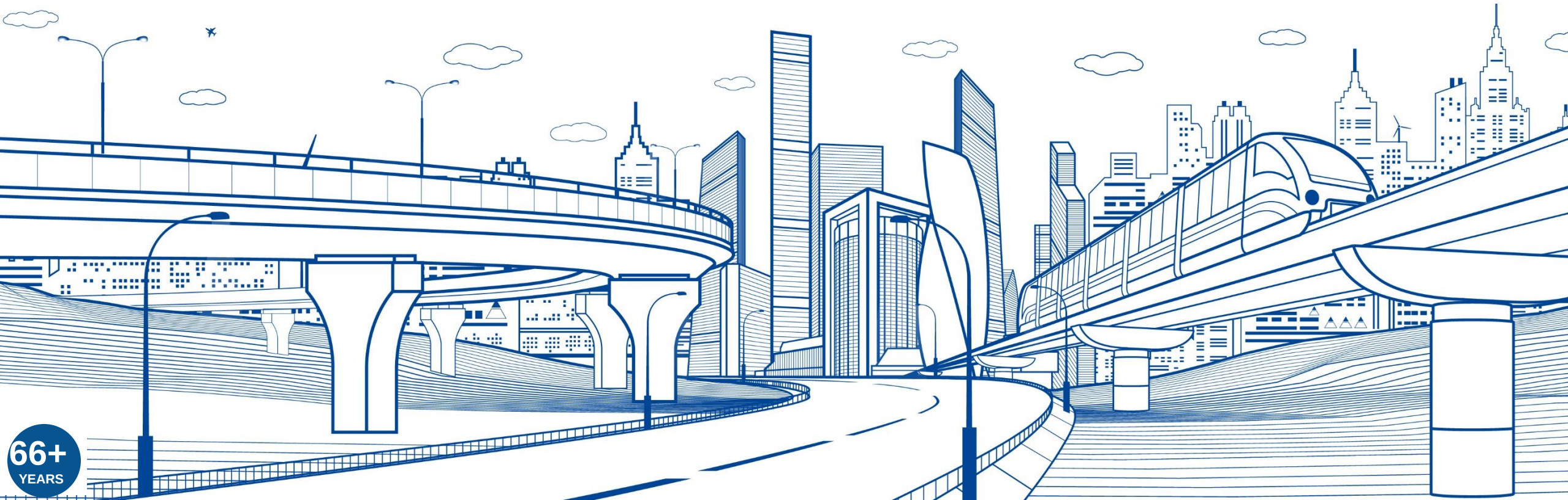
# TRICOLITE

*Pledged to Excellence*

Tricolite is committed to total quality.
We contribute to building our nation with safe & reliable products.



66+
YEARS

# Who We Are

Tricolite is a Premium, Trustworthy switchboard manufacturer among the top 3 in the country.
We are Committed to Nation Building , Atma Nirbhar Bharat & Customer Exultation .

**Existence**
**66+ years**
Estd. Since 1959

**Footprint**
Pan India &
20+ Countries

**Change Leader**
In Product, Plant & Machinery

**Systems**
ISO 9001, 14001, 45001

**Units**
4 manufacturing units In NCR with 200,000 Sq. Ft. shop space

**Group Revenue**
3000+ Million



# Key Milestones

**1959**
ESTABLISHED MANUFACTURING FOR REWIRABLE SFUs

**1980**
1st CUSTOM BUILT SWITCHBOARDS MANUFACTURING IN DELHI

**1989**
NEW ASSEMBLY PLANT AT SAHIBABAD, NCR

**2004**
CERTIFIED AS PARTNER OF BLOKSET SWITCHBOARDS BY SCHNEIDER, FRANCE

CERTIFIED AS CHANNEL PARTNER OF MV PANELS BY ABB LTD

NEW ASSEMBLY PLANT AT MANESAR

**2008**
NEW AUTOMATED ENCLOSURE PLANT AT MANESAR

**2012**
LV ASSEMBLY GET TESTED ON LATEST IEC 61439-1

MV ASSEMBLY GET TESTED FOR INTERNAL ARC

ADOPTED TQM FOR MANUFACTURING

**2013**
CERTIFIED AS ALLIANCE PARTNER OF SCHNEIDER FOR SANDWICH AND LIGNTING BUSWAYS

**2017**
LV ASSEMBLY TESTED FOR INTEGRATED CERTIFICATION AS PER IEC 61439-1

**2018**
33KV SWITCHBOARDS TESTED FOR INTERNAL ARC FOR 31.5KA FOR 1 SEC

**2019**
LAUNCH OF 11KV PREMSET SWITCHBOARDS IN INDIA

11KV SWITCHBOARD TESTED FOR INTERNAL ARC FOR 26.3KA FOR 1 SEC

WINNING 2ND POSITION AT THE CII NATIONAL 5S COMPETITION

**2022**
CERTIFIED AS ALLIANCE PARTNER OF SCHNEIDER FOR UPS SOLUTIONS

SET UP OF NEW ASSEMBLY PLANT FOR MV AT MANESAR

**2023**
SET UP OF LASER MACHINES FOR ENCLOSURE SHOP

RECIEVED CHANGEMAKER AWARD FROM SCHNEIDER ELECTRIC

RECEIVED BUSINESS EXCELLENCE SILVER AWARD FROM ABB

TYPE TEST ON 2500 A & 3150 A – 33 KV SWITCHBOARD

**2024**

# Manufacturing Units




**Manesar Unit-1**

LV Assembly



**Manesar Unit-2**

Mechanical Manufacturing & LV Assembly




**Plant-3: Reliance MET Jhajjar**

6.6 kV to 33 kV
MV Assembly




**Plant-4: Badli**

LV Assembly & Mechanical Manufacturing

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UNITED REGISTRAR OF SYSTEMS URS ISO 9001

UNITED REGISTRAR OF SYSTEMS URS ISO 45001

UNITED REGISTRAR OF SYSTEMS URS ISO 14001

# Technological Leadership

- 1st to introduce
  - **TTA technology BLOKSET** for LV segment in India.
  - **Sandwich Busways in India** by partnering with Megaduct Malaysia.
  - **CNC for Bus Bar manufacturing**.
  - PAN India service centers with **Customer Service Center App**.
  - 11 KV gas free **Solid Shielded Insulation System** technology.
  - State-of-the-art **Laser Based** Sheet Metal Processing Machines.
  - Set up an **Automated Enclosure Shop** and **Painting Plant**.
  - **Own Design Type Tested** as per IEC:61439-1&2.
- 1st **Channel partner of ABB** for 11 & 33KV MV Panels.
- 11 & 33 KV MV Panels type tested for **Internal Arc in all 3 chambers** for 1 sec.





# Foundational Pillars

**PIONEERS**
Introducing new technology

**QUALITY**
Product as per global norms

**TESTED**
Products as per IEC 61439, Internal Arc & Seismic Zone V

**ESG**
Sustainable power, water, waste & social governance

**CUSTOMER CARE**
24x7 via digital mobile app

**9 REGIONAL**
Service centers available for pan India reach

**SERVICES**
Prompt, friendly & reliable

**WORLD CLASS**
Plant, machinery & processes

**People Strength**
600+

**Gender Diversity**
13%

**Inclusive Employment**

**Engineers**
100+






# Our Values

**CUSTOMER CENTRIC APPROACH**
Seeking to understand first, before everything else

**INITIATIVE**
Taking the first step on our own

**COMMITMENT**
Earning your trust by keeping our promise

**TEAM WORK**
Working with you towards a worthy goal

**CONTINUOUS IMPROVEMENT**
Adding value in everything for meeting challenges





# Global Partners

Schneider Electric

**Premset** Solid Shielded Insulated System 11KV
**BlokSeT** IEC:61439-1&2 verified LV Assemblies
**Busway** Certified Solution Provider
**UPS** Certified Solution Provider

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ABB

11 KV & 33KV Air Insulated Switchboards

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Lauritz Knudsen
Electrical & Automation

**Ti** IEC:61439-1&2 verified LV Assemblies

# Product Range



T-PRIME : 33 KV & 11 KV AIS PANELS



PREMSET : 11KV SSIS



CSS 11 KV



T-POWER : MV CAPACITOR PANEL



LV SWITCHBOARD : IEC 61439 - BlokSeT , Ti & TSAFE



LV SANDWICH BUSDUCT



LV UPS SOLUTION

# Certifications

PremSet | T-Prime MV | LV BlokSeT | L&T Ti | Schneider SBW | T-Safe LV | VCB MV

| Activity | Ref Standard | Current Rating | Short Circuit withstand capacity | IAC | Seismic Compliance |
|---|---|---|---|---|---|
| **Schneider MV 11KV Premset** | IEC: 62271-200 | 630A & 1250A | 25KA for 1 sec | 25KA for 1 sec | 0.33g Horizontal & vertical as per IEC:62271-210 |
| **Tricolite T-Prime MV 11KV** | IEC: 62271-200 | 630A - 3150A | 40KA for 1 sec | 26.3KA for 1 sec | - |
| **Tricolite T-Prime MV 33KV** | IEC: 62271-200 | 1250 A – 3150 A | 31.5KA for 1 sec | 31.5KA for 1 sec | |
| **Schneider LV BlokSeT Cu** | IEC: 61439-1&2 | upto 6300 A | 100KA for 1 sec | 100KA for 0.4 sec | 0.36g Horizontal & Vertical Zone-5 as per IS:1893 |
| **Schneider LV BlokSeT Al** | IEC: 61439-1&2 | upto 5200 A | 65KA for 1 sec | 65KA for 0.5sec | |
| **L&T Ti Cu & Al** | IEC: 61439-1&2 | upto 5000 A | 70KA for 1 sec | 85KA for 0.5sec | |
| **Schneider SBW Al** | IEC: 61439-1&6 | 5000 A | 150KA for 1 sec | NA | 0.4g Horizontal & Vertical Zone-4 as per UBC |
| **Schneider SBW Cu** | IEC: 61439-1&6 | 6300 A | 120 KA for 1 sec | NA | |
| **Schneider UPS Solutions** | Complying to IEC 62040-1, 2, 3, 4 Standards | | | | |

# Awards





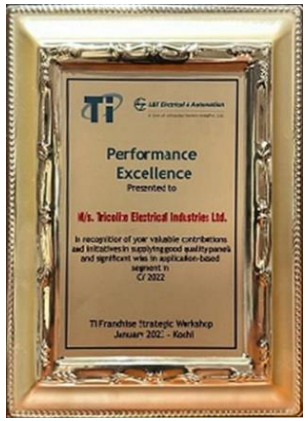





Schneider Award



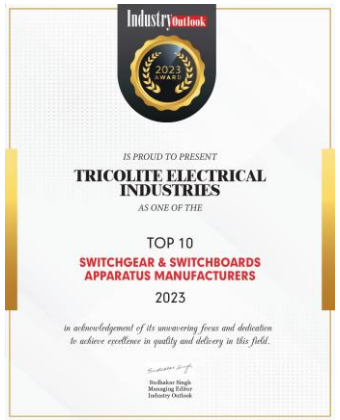

Certified Great Place to Work




L&T Ti Quality Award




ABB Silver Award




Top 10 Switchboard Manufacturer award




Award From Yotta

# Approvals & Our Valued Patrons

## Govt. Approvals

I AAI I BHEL I CPWD I DRDO I EIL I HSCC I MECON I MES I Metro I NBCC I NTPC I PGCIL I Railways I Rites I SAIL I

## Our Valued Patrons



# Facilities, Quality and Design

**Fabrication and Enclosure Shop:**

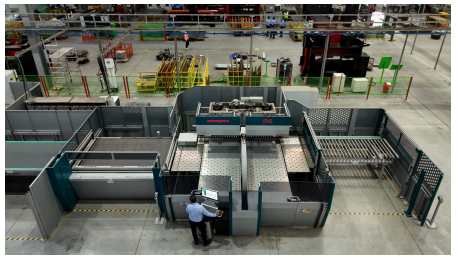
- Laser based AMADA  Cutting & Punching machine
- CNC AMADA Press Break Machines
- IGBT based MIG Welding

**Automobile Grade Paint Shop:**

- 20,000 sq. feet paint shop.
- Fully automatic Conveyorized spray pretreatment line with  8 spray tanks.

**Automated Bus Bar Cutting , Punching & Bending:**

- Centralized Bus Bar shop
  - EHRT CNC Busbar cutting & punching Machine from Germany
  - Euromac Busbar Bending Machine from Italy



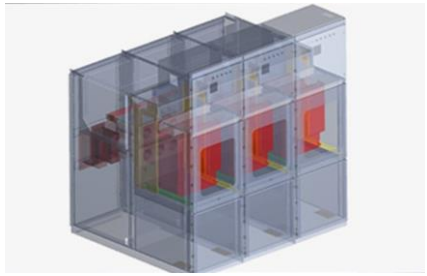




**Design Process**

- Future Ready - Smart Panel Designing
- 3D Simulations for Mechanical Designing
- World Class Software's for Drawing Preparation





**Quality Assurance**

- Special Tests conducted:
  - In-house Temp Rise up to 8000 A
  - Salt Spray for Corrosion Resistance upto 500 hours
  - Conductivity Test for Busbar
  - Lug Pullout Test for Crimp Strength Validation
  - Millivolt drop for contact resistance





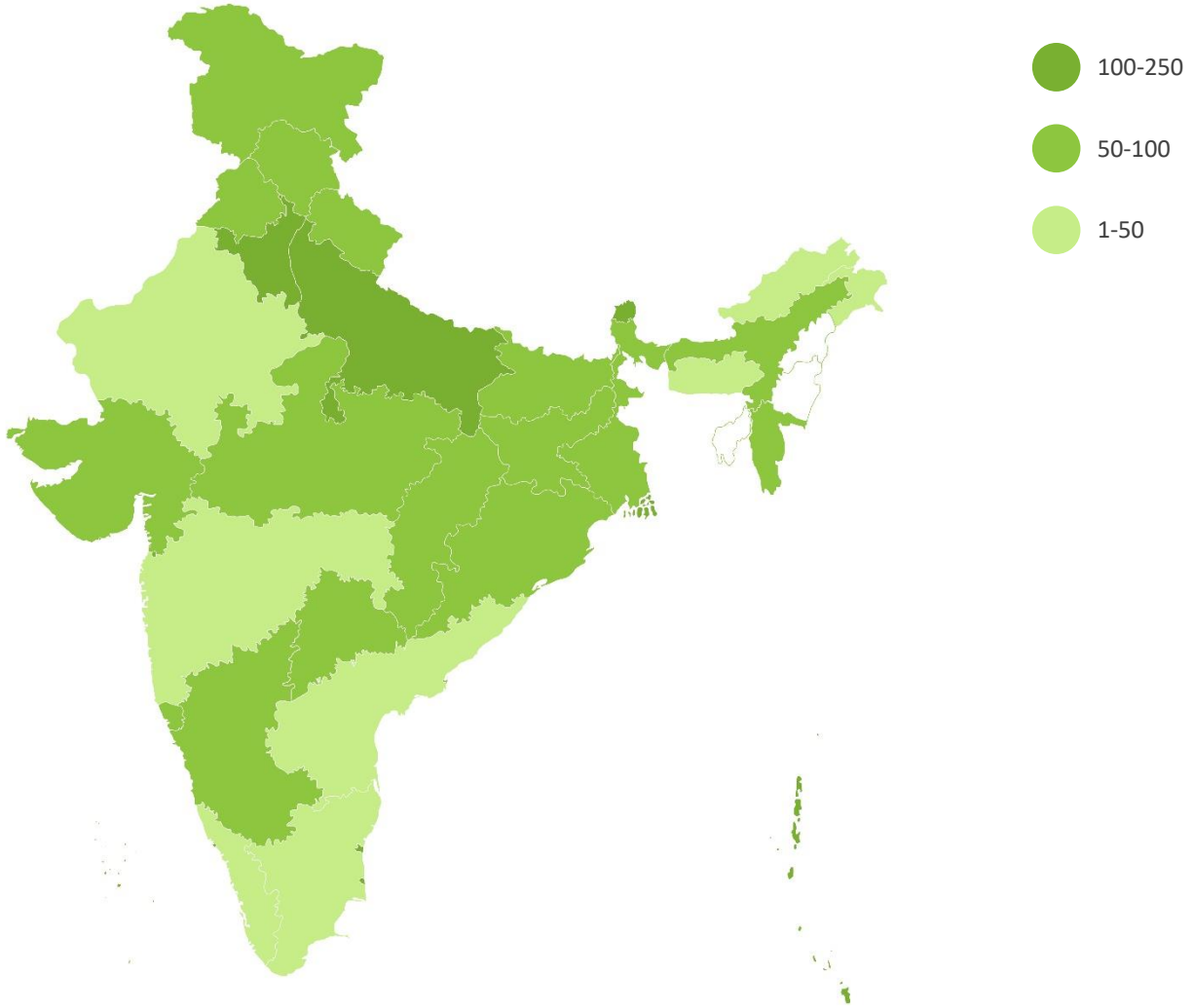



# Domestic Footprint

## Serving Customers across India

### Prestigious Installations

- Andhra Pradesh - AIIMS Guntur
- Arunachal Pradesh – Holongi & Tezu Airport
- Assam – Assam Cancer Care Foundation
- Bihar - BHEL Barauni, ESIC Patna
- Chhattisgarh - APL Apollo, Raipur
- Delhi – Yashobhoomi, WHO, NCRTC, ILBS Hospital
- Goa - Fomento Resorts & Hotel
- Gujarat - Statue of Unity – Vadodara, Adani Port Surat
- Haryana - Medicity , BMW E-Novation , Maruti Suzuki
- Himachal Pradesh - P&G Ltd
- Jharkhand - AIIMS Deogarh
- Jammu & Kashmir - Cream bell Ice Cream Factory
- Karnataka - ITC Hotel Bangalore
- Kerala – DLF Kocchi
- Madhya Pradesh - KS Oils Morena, MRF Tyre Malanpur
- Maharashtra - MARS Chocolate , CTRLS & Nxtra Data Centre
- Meghalaya - Shillong Airport
- Mizoram - Talwa Mini Hydel Power
- Odisha - NIC Data Center , Bhushan Steel Angul
- Punjab - ITC Foods , Kapurthala
- Rajasthan - NTPC Renewables
- Sikkim - Torrent Pharma
- Tamil Nadu - Samsung Factory Chennai
- Telangana - IKEA Hyderabad, ITC Foods
- Uttar Pradesh - Adani & Yotta Data Centre , Hindalco Renukoot
- Uttarakhand - ITC Factory Haridwar
- West Bengal - Haldia Port, AIIMS Kalyani
- Pan India – Metro
- Pan India – Airports
- Pan India – Amazon , CtrlS , ITC , Airtel



# Global Footprint - 20+ Countries

## Our Footprint

- Bangladesh
- Botswana
- Bhutan
- Columbia
- Egypt
- Singapore
- Mauritius
- Myanmar
- Nepal
- Niger
- Nigeria
- Oman
- Papua New Guinea
- Qatar
- Rwanda
- Sri Lanka
- Syria
- Thailand
- UAE
- Uganda
- Vietnam
- Zimbabwe
- Maldives
- Russia



## Key International Installations

- Uflex – Moscow & Nigeria
- Andritz Hydro Power Plant - Nepal & Vietnam
- Qatar Refinery – Qatar
- ITC Surya Hotel – Nepal
- Voith Hydro Power Plant - Singapore & Thailand
- Uttam Surcotech – Uganda
- Hero Motors – Bangladesh
- Essar Steel - Papua New Guinea
- Royal Continental Hotel – Niger
- Central ETP Plant - Sohar, Oman
- Power Infra Rehabilitations - Zimbabwe

# Dedicated Service Centers Across India




**DOWNLOAD OUR APP!**

iOS

Android




Head Office

Factory

Service Center

**HO Customer Care Center**

customercare@tricolite.com

Toll Free Number : 1800 570 0201

# TRICOLITE

*Pledged to Excellence*



Committed to Make in India
Committed to Nation Building
Committed to Aatm Nirbhar Bharat
Jai Hind