



Trusted Name in power Quality Management Since: 1994

TESTED WITH- IEC 61439-1 to 6 | CPRI

www.scpindia.com
www.standardcontrol.in



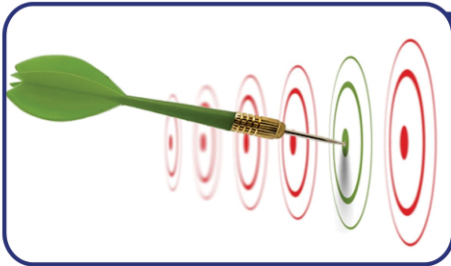
Standard Control Panel Pvt. Ltd.

AN ISO 9001-2015 CERTIFIED C.P.R.I. APPROVED & CE MARKED CO.



About Us:

Welcome to standard control panel pvt. Ltd. based in Ludhiana (Punjab) and it is also identified by our logo name Standard LV Systems. Leading manufacturer of custom Built Low voltage panel products and also Turnkey solution provider in India. Founded in 1994 after acquiring 5 years' experience with a clear vision in mind to promote a leading company having its own standing in the Electrical field. Our Company products are CPRI type tested, protection of IP-65 & an ISO 9001-2015 & 14001-2015, CE, ROHS certified Company accredited for design & manufacture of L.T. Electrical panel products. Our projects stand testimony to the fact that Standard LV Systems delivers quality solution.



MISSION

Standard's mission is to give people, the power of measuring, controlling and analyzing the current and voltage with safety. We are the employer of choice offering team members opportunities for growth, advancement and rewarding careers in a safe working environment.



VISION

It's our goal to be most customers-centric company globally, admired it's products, people, partnership and performance.



EXPORT

Standard Control Panel Pvt. Ltd. is counted among the prominent Control Panel Boards manufacturers and exporters of this domain. Wherein, we deal in Power Control Centre , Motor Control Centre , Auto Main Failure Panel , Sub Distribution Panel, Lighting Distribution Panel , Main Distribution Board , Automatic Power Factor Control, Outdoor Feeder Pillar Panel, DG Synchronizing Panel, Amyotrophic Lateral Sclerosis , Variable Frequency drive, PLC Automation Panel, Bus Duct & Rising Main Panel, Sub Station HT LT Panel, Fire Fighting Control Panel and customized panels etc.



PROJECT CONSULTATION

Standard Control Panel Pvt. Ltd. Provide project consultancy. If you are coming up with a new Industrial unit or commercial construction, we can help you plan and design the electrical distribution systems for your unit. We can provide the electrical engineering consultancy on ring main unit design, engineering medium and low voltage switchgear, overhead line equipment.



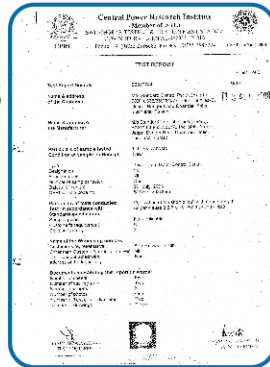
PROJECT DESIGN

Standard Control Panel Pvt. Ltd. have in house design capabilities with team of experts having expertise in project drawings and CAD programs. So from design to manufacturing, everything can be taken care under one roof.

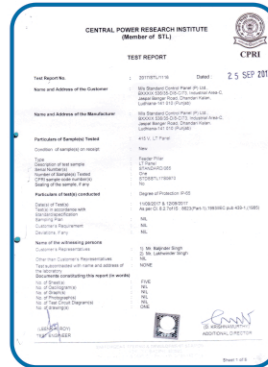
2. Power of Certification

Standard LV Systems have been Certified & awarded with following Accreditations and type test certifications:

- ISO 9001-2015
- ISO 14001-2015
- CE Certification
- CPRI Approved
- IP:65 protection
- ROHS Certified



CPRI S/C 50KA



CPRI IP:65



ISO- 9001-2008



Quality CE Mark



TEAM

We are group of committed and dedicated professionals. The principles that drives our Employee spirits are:

- Professionalism
- Positive attitude
- Passion
- Pride

We are the first choice of industry leaders

Standard Control is an ISO certified pioneering technology leader that manufactures and suppliers best in class Electrical for Power distribution & Control. Managed by professionals with over

We have experience since 1994 in this domain

6P Core Values

Passion for Customer Satisfaction

Passion for Safety

Passion for Quality

Passion for Innovation

Passion for Excellence

Passion for Integrity

INTERGREATER INFRASTRUCTURE

Standard Control Panel is a professionally managed manufacturing company with more than 27 year of electrical industry experience

- We have the following each of which benefits.
- Customized engineering solution.



Sheet Metal Section

Sheet metal is fabricated on the most advanced CNC-operated Bending & Sharing for a repeat dimensional accurate bending & Sharing MIG Welding machines, pneumatic reverting and grinding machines for ensuring high precision and high- quality sheet metal work.



Welding Section

High grade welding facilities presently include a MIG/CO2 Welding, & spot welding machines contribute to giving excellent finish to its products.



Pre-Treatment Section

The 9-tank semi-automatic pre-treatment plant is designed for precise surface treatment and preparation of the sheet metal using cold/hot process thereby Improving resistance to oxidation and erosion through a semi-automatic plant. Add name of the treatment Process which are following:

- Hot Rinse Water
- Knock of Degreasing
- Degreasing Spray

Degreasing Dip

- Degreasing
- Water Rinse -1 & 2
- Activation

Phosphating Dip

- Phosphating
- Demineralized Rinse – 1 & 2
- Fresh Demineralized
- Dry zone with Blower tank



Powder Coating Section

Powder coating being a critical manufacturing process. We have a semi-automatic powder coating plant to ensure superior coating finish and longevity. Power coating quality is ensured by subjecting coated sample panels various checks like DFT, Surface finish Adhesion, Flexibility and impact tests by batch sampling process.



BusBar Section

Bus Bar are fabricated from aluminium (E91 E as per IS 5082) or electrolytic grade copper conforming to IS 1897, as per customer preference. All Busbar are properly cleaned before being used in the panel assembly. Cutting and bending is done on hydraulic/ electrical machines to achieve the desired angle and smooth edges.

The Busbar are then covered with RYB, BK, G colour coated heat shrinkable PVC insulation sleeves and baked in an oven with a moving bed so as to shrink fit the sleeves on busbars.

The design of busbar system is as under :

The Busbar are enclosed in a completely segregated compartment. It consists of one or more Aluminium/ Copper conductors fastened to the structure by means of appropriate SMC/ DMC insulating supports.

The cross section of Busbar depends upon:

- Rated current
- Short circuit current level
- Ambient temperature





Assembly Section

Systematic assembly line, handled by our technicians and specialists guarantees quality products, along with personnel/ operator safety.

Our technicians are well trained, so that utmost care is taken in assembling and wiring the switchgears controls. Our specialists have taken care to design each panel, keeping in mind site-requirements and flexibility to house the components in a compact manner, so as to have enough space inside the switchboards.



Testing & Q/C

Our all products are tested before dispatch for electrical safety and functional testing as a per the companies' Q/A policy.

- we have well equipped laboratory to cater all the routine tests
- High Voltage Test 2.5KV for 1min.
- High voltage Megger test for insulation
- Operational and physical tests
- Powder coating Micron Test

- Torque test for tightening of nut at joints
- Conductivity Test for Aluminium and copper bus bar
- No load operation Test
- Functional Test
- Control Circuit Test

After completion of all Testing for Electrical Control panels Test Certificate provided along with the Control panels. Moreover, all our test & measuring equipment are periodically calibrated by third party approved Testing Labs as per our iso standards. Quality is thus a given with reliability & responsibility.



Engraving Feeders Name Plates

Latest Technology CNC Engraving Machine job with aluminium name plate with white letter on black background name plate will be fixed with pop rivet all legend plate provided as per customers load feeder requirement.

FACILITIES

- NC Shearing Machine 2550 mm
- CNC Bending Machine 2550 mm
- Power Presses 10 Ton - 3
- 9-Tank with Pre-treatment Phosphating/ Degreasing Plant
- Paint Section (In House Powder Coating) complete
- Big jigsaw table machine
- Drilling Machine up to 16mm
- Hydraulic Bus Bar shearing machine
- Hydraulic Bus Bar Bending machine
- Hydraulic Bus Bar Punching machine
- Bus Bar Polishing machine
- Bus Bar heat shirking conveyor machine
- CNC Letter Engraving machine
- NC letter Punching machine
- Air Compressor
- Bakelite/ FRP Sheet Bandsaw table machine
- Hydraulic Lifting trolley - 5Ton
- PU Rubber Gasket degree cum cutting machine
- SPOT welding machine 400A
- MIG CO2 welding machine 400A

FEATURES

- Compact modular designed with CNC machine
- Form 2/ 3A / 3B/ 4A/ 4B Design
- All enclosures manufactured with 2mm/ 1.6mm CRCA Sheet Steel
- Fault Level : Short circuit tested up to 50KA for 1 sec from CPRI
- Ingression protection: CPRI tested for IP 65 outdoor Enclosures
- In House Bus Bar Conductivity Testing
- Pre-Treatment with 9 Tank Phosphating Process
- Powder coating is dust proof painting chamber and oven
- Distribution considering current density 0.8 Amp/ sq. mm
- Bus Bar rating up to 8000 Amp as per custom requirement
- Totally insulated Bus Bar system using colour coated heat shrinkable PVC insulation Sleeves
- SMC/ DMC Busbar supports for best mechanical & Electrical strength during fault
- Earthing Bus Bar and Door Earthing
- Door Interlocking with defeat Facility
- Shrouded live parts with Acrylic/ FRP Sheets

We serve in

Standard LV Systems provides total low voltage electrical switchboards solutions to cover applications in

- The industrials & commercial Buildings and OEM segments. We have been acknowledge as qualified vendors for all GOVT. Sector prestigious job at NTPC, BHEL, PWD B&R, CPWD, MES, HP, Railways, Police Line, Mandi board, Airport authority, IRCON, BSF, BSNL, GMADA, GLADA, Passport Sewa kendra NBCC, Indian oil corporation, ITC, ETC.
- Industry Automobile, Cement, Oil & Vanaspati plant, Garments, Pharmaceuticals, Paper, Sugar, Cycle ind., Furnace, rolling mills, con-cast plant, Steel Plant, Rice Plant, Fastener Ind., Plastic, Rubber, Cold storage, Woollen Mills, spinning Mills, knitting, Chemical & Dyeing units, High class printing ind., Tube plants, Flour Mills, Food processing units, ETC.
- Commercial Building Software Tech Parks, Hotels, Hospitals, Nursing Home, School & Colleges, Petrol pumps, Residential Flat, commercial Complexes, Apartments, Shopping malls, DLF, ETC.
- OEMs Telecom, HVAC, Machine tools & others costumers requirements, ETC.

Global Products

We make our products design Fixed type, Drawout type, Semi drawout, Extendable bolt System & Current rating Value upto 8000 Amp as per customers Requirements.

Modular power Switchboards and control panels complete with all is (International standards).



Fully Automatic MCC Panel



Fully Automatic Power Cum DG 1 to 4 PCC Panel



Power cum APFC Panel



Sub LDB Panel



Out Door, Double Door IP 65 PCC Panel



Semi- Automatic Power Cum DG 1 to 4 PCC Panel



Sub MDB Panel with Energy Management System



Sub SDB Panel



Air Insulated Rising Main Bus Duct upto 8000 Amp.



Fully Loaded 1 to 5 D.G.
Synchronising Panel



Auto Main failure Panel



Fully Automatic Submercibal
Panel up to 60KW



MDB Panel



Fully Automatic Power Factor Capacitor
Panel upto 400KVAR



Remote Cum Control Desk Panel



Fully Auto Load Sharing Panel



PLC Automation Panel as
per customer Required



FASD/ DOL MCC Panel



VFD Panel as per customer Required



Outdoor IP65 Fedder Pillar Panel



Fully Automatic Capacitor Panel
up to 70KW



Remote Control Panel

HT-LT Sub Station Design

11-33KV HT-LT installation, Pre-commissioning testing & Erection of sub-station, Power control panel & Rising main bus duct complete sub station & Power plant design



Lv Control Panels AMC Facility

We are considered to be one of the most professional service providers for our products . We have highly skilled professionals Employees to carry out of the entire maintenance service.

CHANNEL PARTNER

We have technology tie up with world's renowned companies, which are cited below.



Standard at a glance



2500+
Successful installations



6000+
Successful Supply



5800+
Happy clients world over



26+
Team members with vast experience

Enquiries Solicited At:

Standard Control Panel Pvt. Ltd.

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