

Authorised
System House

SIEMENS

For
MV AIS (IPAN)

Integrators of 11kV to 33kV VCB's



GVL electro controls pvt. Ltd.

"GVL" the name synonymous with Electricity, Integrity & Dependability.



END TO END SOLUTION IN ELECTRICALS & AUTOMATION

ONE SMALL STEP TO ACHIEVE YOUR BIG DREAMS



About ourselves

Incorporated as G.V. Lele & Company in 1986, the unit graduated from Electrical Contracting to Turnkey Project Contractors and later to Low Voltage (LV) Control Panel Manufacturing and Medium Voltage (MV) Panel manufacturing, under the new identity of GVL electro controls pvt. ltd.

GVL began its operations in a restricted area of 500sq. ft. Initially GVL electro controls pvt. ltd. undertook the manufacturing of small control panels. However, the enterprising spirit of the team with an able leadership saw GVL gaining enough expertise and confidence to meet the control panel needs of large projects & Original Equipment Manufacturers. (OEM's)

GVL has been founded on the 3H principle, Honesty, Honour and Harmony is driven by the passion to provide the best at affordable costs.

Industrial production and services in the face of advances in technology, growing competition and research have gained tremendous significance. Aiming to be a perfectionist in one's field of business is inevitable. And to achieve this goal any Industrial house needs absolute, uninterrupted and continuous power.

Here, the Electrical Engineering Experts step in to play a key role. A Resourceful Electrical Engineering Organisation become mandatory to ensure success, to accomplish goals, to meet deadlines.

This is precisely where GVL electro controls pvt. ltd., Pune, enters the scene.

GVL electro controls pvt. ltd., Pune, is an ISO 9001-2015 organisation and one of the Top-ranking designers and manufacturers of a variety of control panels and has its own spacious state-of-the-art manufacturing unit in MIDC Bhosari, Pune.

Backed with a rich technical experience of over three decades and ably supported with an in- house young & dynamic Engineers, GVL electro controls pvt. ltd., has standardised modular cubicles having two distinct advantages namely cost optimisation and really quicker deliveries. The exclusive GVL design ensures installing and operating ease besides easy access and maintenance.



GVL - The Mission

To be recognized as the most preferred partner of our customers' requirements for Low Voltage (LV) and Medium Voltage (MV) Panels on Designing to Successful Commissioning basis at sites across India.

To offer our Top class, cost effective and technologically advanced services, in providing End - to- End solutions in Electrical and Automation, and consequently add value to client businesses. To establish GVL as one of the most Honest and Honourable organization that maintains a Harmony with the environment and the society it works in.

GVL - The Vision

To continually upgrade the quality of our products and services through the latest Technologies and to improve the skills of our team. To stay committed to provide the best quality products & services at competitive costs without compromising on the quality of raw material and by adopting the best Engineering practices.

To put it in a nutshell, GVL besides being technologically advanced, operates on a totally transparent platform with complete dedication and commitment. The company with its accomplishments in technology, cost effective solutions and above all its unrelenting desire for achieving total customer satisfaction stands tall when compared to the competition.

Medium Voltage (MV) Panel Manufacturing

Global Technology Giant Siemens has recently appointed us as their Authorised System House for Integration of their Medium Voltage Products.

- 11kV to 33kV VCB's Manufactured by Siemens and Integrated by "GVL" having over three decades of experience in the field of Electricity.

Product Range also includes:

- 11kV to 22kV Load Break Switch (LBS) Panels.
- 11kV to 33kV Feeder Pillars.

We have set up a Comprehensive Testing Facility comprising of the following:

- 0-1000Amp. Current Transformer (CT) Primary Injection Unit.
- 0-100kV High Voltage Test Unit.
- Relay Test Unit.

Each and every Medium Voltage Panel undergoes following Routine Tests:

- Continuity Test.
- Insulation Resistance (IR) Test.
- High Voltage Test Between Phases & Earth and Between Phases.
- Primary winding of CT is injected to check Ratio.
- All relay settings are done and are tested for smooth operation.

Low Voltage (LV) Panel Manufacturing

Besides the best and most convenient design options, all the best components go into the manufacture of these control panels.

High quality CRCA sheets undergo the CNC Turret Punching & Bending at our associate company. Fabrication is carried at our works by skilled fitters and welders. While powder coating is carried out at Vendor's facility after Seven Tank Pre-Treatment procedure ensuring longevity of the panels protecting them from the corrosive climatic conditions.

The manufacture of the control panels comprises Top quality switchgears, EC grade Copper and E91E grade Aluminum Bus bars along with top quality wiring with wires of renowned brands. The control panels are then assembled by skilled technicians and are subjected to various Routine as follows:

- Continuity Test.
- Insulation Resistance (IR) Test.
- High Voltage Test Between Phases & Earth and Between Phases.
- Interlocks & Operation Logics.

Our Panels are successfully Type Tested at CPRI-Bhopal, comprising following tests:

- 4000Amp, 65kA, for Short Circuit withstand Test for 1Second.
- Temperature rise tests.
- Ingress Protection. (IP54)

Further we are in the process getting newly designed panels Type Tested conforming to IEC-61439.





Product Range

- Air Insulated Bus Bar Trunk. (BBT)
- Auto Mains Failure Panels. (AMF)
- Automatic Power Factor Control (APFC) Panels compatible to kVAh Billing Tariff introduced by various Discoms. Type of Switching of Capacitors (Thyristor or Contactor) is selected after studying Load Details. Detuned Reactors are used to enhance life of Capacitors.
- Automation, PLC Scada, HMI Panels.
- Diesel Generator set Synchronising Panels.
- Furnace Control Panels.
- Lighting Distribution Boards.
- Motor Control Centre (MCC) comprising of DOL starters, Fully Automatic Star Delta Starters (FASD) and Variable Frequency Drives (VFD's).
- Plug Socket Boxes.
- Power Control Centre (PCC) comprising of ACB's having Interlocks & Operational Logics, MCCB's, Changeover switches, Auto Transfer Switches etc. with required Protections & Controls.
- Power Distribution Boards.
- Solar Power System Panels e.g. D.C. Distribution Board, A.C. Distribution Board.
- UPS Power Distribution Board.
- Variable Frequency Drive (VFD) Panels.

For your convenience and to meet emergencies we maintain sufficient stock of raw material & GVL standard cubicles. What's more, the delivery period for selected products can be as low as two to three days!!!!

Controls & Automation

Conventional energy resources available on the earth are of diminishing nature & depleting at alarming rate as time passes by.

In today's world of advanced technology, not only the nature of the resource but also its cost competitiveness has become very essential & important aspect that plays a key role in the survival of every individual well as every Industry. To establish any work/motive or task, energy in any of its forms plays a larger role & stands as essential component. Also, individual skills dependent operations are not viable for Quality product /Equipment / system continuously and consistently & hence "Automation" came into existence.

Automated processes not only upgrade the production capacity of any plant, but also helps in making the processes as energy efficient and reliable. And thus, the cost competitiveness of any industry is increased, at domestic as well as international market.

Having analysed & understood the essence, we at GVL have initiated the Technology Development and have started undertaking variety of jobs and are sure to increase business volume soon.

Product Range

- Variable Frequency Drive (VFD) Panels.
- Machine Automation Panels.
- Process Automation Panels.
- PLC, SCADA Panels.



Sectors where we have strong presence

- Air Compressor Manufacturers.
- Aluminum Extrusion Plants.
- Auto Ancillary Plants.
- Chemical Industries.
- Commercial Malls.
- Copper Extrusion / Component Manufacturing Plants.
- Cut To Length (CTL) plants.
- Edible Oil Mills.
- Education Institutes / Universities.
- Electronic Component / Product manufacturing Plants.
- Forging Plants.
- Heat Treatment Plants.
- Heavy Fabrication Industries.
- Hospitality Industry / Resorts.
- Hospitals.
- Machine Shops.
- Milk Dairy/ Dairy Products plants.
- Packaging Companies.
- Petrochemical Plants of small capacity.
- Plastic Moulding Industries.
- Pre-Engineered Buildings. (PEB)
- Press Shops.
- Rubber Moulding Industries.
- Sewage Treatment Plants. (STP)
- Sheet Metal Industries.
- Water Treatment Plants. (WTP)



Global Majors

M/s. Aggreko India Pvt. Ltd.
M/s. Atlas Copco (India) Ltd.
M/s. Comau India Pvt. Ltd.
M/s. Danfoss Power Solutions India Pvt. Ltd.
M/s. Diam Display India Pvt. Ltd.
M/s. Eaton Fluid Power Ltd.
M/s. Emdep Testboards India Pvt. Ltd.
M/s. Fukoku India Pvt. Ltd.
M/s. Gindre India Components Pvt. Ltd.
M/s. Hema Driveline & Hydraulics India Pvt. Ltd.
M/s. Hendrickson India Pvt. Ltd.
M/s. HP Pelzer Automotive Ltd.
M/s. Kingfa Science & Technology India Ltd.
M/s. Klingspor India Pvt. Ltd.
M/s. Linamar India Pvt. Ltd.
M/s. Kraftpowercon Power Products Pvt. Ltd.
M/s. Lipico Technologies India Pvt. Ltd.
M/s. Lohr India Pvt. Ltd.
M/s. Lumax Cornaglia Auto Technologies Pvt. Ltd.
M/s. Manuli Hydraulics India Pvt. Ltd.
M/s. Mubea Automotive Components India Pvt. Ltd.
M/s. Pune Aupac Pvt. Ltd.
M/s. RaiMDF Ltd., Kenya.
M/s. Rosenberger Electronic Co. (India) Pvt. Ltd.
M/s. Spicer India Pvt. Ltd.
M/s. Topband India Pvt. Ltd.
M/s. Tristone Flowtech India Pvt. Ltd.
M/s. Valveworks India Pvt. Ltd.

Indian Majors

M/s. Aditya Birla Medical Hospital.
M/s. Advik Hi Tech Pvt. Ltd.
M/s. Ajay Industrial Corporation Ltd.
M/s. Alpha Foam Ltd.
M/s. ARAI.
M/s. Badve Group of Companies.
M/s. Beejapuri Dairy Pvt. Ltd.
M/s. Central Electronics Ltd.
M/s. Chest Hospital, Aundh.
M/s. Dinanath Mangeshkar Hospital.
M/s. Fine Fittings LLP.
M/s. Finolex Cables Ltd.
M/s. Forbes Marshall Pvt. Ltd.
M/s. General Industrial Controls Pvt. Ltd.
M/s. Gharpure Engineering & Construction Pvt. Ltd.
M/s. Inductotherm (India) Pvt. Ltd.
M/s. Jamna Auto Industries Ltd.
M/s. Jayahind Industries Ltd.
M/s. Jehangir Hospitals, Pune.
M/s. Kalpa Power Pvt. Ltd.
M/s. Kalyani Technoforge Ltd.
M/s. KEM Hospital, Pune.
M/s. Kishor Pumps Pvt. Ltd.
M/s. Konkan Railway Corporation Ltd.
M/s. Konvertor Packaging Solutions Pvt. Ltd.
M/s. Lokesh Machines Ltd.
M/s. Nash Industries India Pvt. Ltd.
M/s. Poona Forge Pvt. Ltd.
M/s. Ruby Ceramics Pvt. Ltd.
M/s. Ruchi Soya Industries Ltd.
M/s. Solidus Hitech Products Pvt. Ltd.
M/s. Sparkler Ceramics Pvt. Ltd.
M/s. Sudarshan Chemicals Ltd.
M/s. Symbiosis University.
M/s. Takshi Auto Components Pvt. Ltd.
M/s. Vasant Group Of Industries.(Mittal)
M/s. Visiontech Engineering Pvt. Ltd.



GVL electro controls pvt. ltd.

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