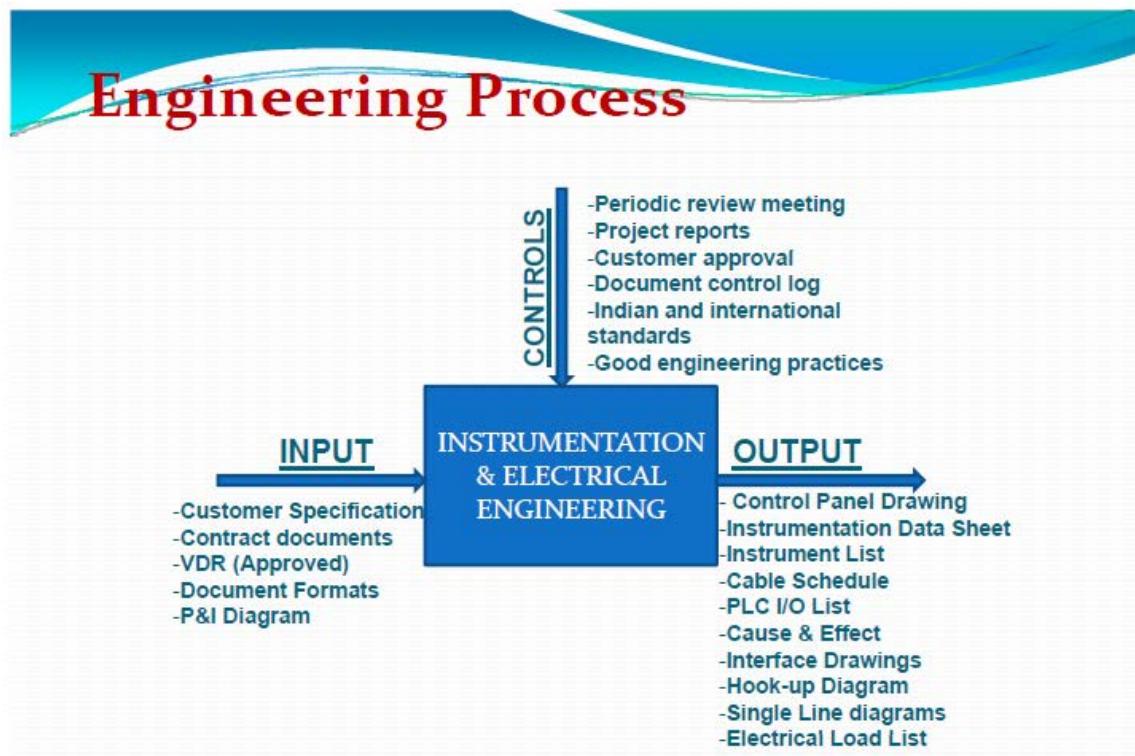




AUTOMATION DEVISION



Engineering

- FLAME PROOF to Ex"d", Ex"e",Ex"p" Control Panel & power Panel.
- MV/ LV switchgear layouts, single line diagrams.
- Cable Tray Layout.
- Local Control Stations – for Safe and Hazardous area application.
- Wiring Diagrams for All Electrical Panels & systems.
- Technocrat & Professional Management Team.
- Efficient team of Electrical & Instrument Technicians.
- Experienced Contracting Team.
- Support and Commercial Staff.

Product Details

❖ PLC BASED CONTROL PANEL

Our company manufactures and supplies international standard PLC control panels which are made up using the high quality raw material as per customer specification and advance technology. These industrial PLC panels cater the various requirements of different industries for safe area as well as Hazardous area application. Our custom PLC panels are developed on various application basis according to clients preferred specifications and exact needs. Our Electrical PLC panels find applications in the following areas and verity:

- NON REDUNDANT TYPE PLC PANEL
- REDUNDANT TYPE PLC PANEL
- SIL-2 TYPE PLC PANEL
- SIL-3 TYPE PLC PANEL
- ALL KIND OF HMI & SCADA SOFTWARE DEVELOPMENT
- ALL KIND OF PLASTIC MACHINES PANELS DEVELOPMENT

❖ FLAMEPROOF CONTROL PANEL

FLAME PROOF CONTROL & POWER PANEL FOR HAZARDOUS AREA APPLICATION OF GAS GROUP –IIA/IIB AND IIC FOR ZONE – 0,1,2 AS PER IS/IEC AND ATEX CERTIFICATION. MAINLY FOR OIL & GAS INDUSTRIES AS WELL AS CHEMICAL & PHARMACEUTICAL INDUSTRIES.

❖ MCMS CONTROL PANEL

AS PER REQUIREMENT MACHINE MONITORING CONTROL PANEL BASED ON BENTLY 1900 / BENTLY 3500 AND SHINKAWA SYSTEM INSTALATION IN CONTROL ROOM OR PURGE PANEL. MAINLY FOR COMPRESSOR CONTROL AND MAIN LINE PUMP APPLICATION.

❖ RELAY BASED INSTRUMENTATION PANEL

WHICH INCLUDES RELAY BASED LOGIC, PROCESS INDICATOR, CONTROLLER, FLOW COMPUTER AND OTHER KIND OF DISPLAY AS PER AREA OF APPLICATION.

❖ PURGE PANEL

We are renowned manufacturers and exporters of a wide range of purge panels such as X purge panels, Y purge panels, Z purge panels for oil and gas industry as well as pharmaceutical reactions purge panels, purge panel for formulation and purge panel for field reaction. These purge panels are manufactured as per various industrial standards keeping in mind the client's requirements.

- TYPE - X PRUGE PANEL.
- TYPE - Y PRUGE PANEL.
- TYPE - Z PRUGE PANEL.

❖ POWER PANEL

- STATOR PANEL FOR LOW HP MOTOR.
- VFD BASED MOTOR STATOR PANEL.
- LT / MCC PANEL FOR HEAVY MOTOR.
- UTILITY POWER SUPPLY PANEL.
- DIESEL GENERATOR SET CONTROL PANEL
- ANNUNCIATOR CONTROL PANEL
- STATUS PANEL.
- DESK TYPE CONTROL PANEL

SERVICE

❖ DESIGN AND ENGINEERING

- Boon Automations is continuously exploring the latest technology as per market demand time to time and developing expertise through their global experience and highly skilled staff and world leader partners to support customers to take advantage of such developments.
- Boon Automations provides Design, Engineering, procurement, FAT (Factory Acceptance Test), Trial Run, training of customer staff and handing over.

Boon Automations also undertakes Complete Electrical & Instrumentation package on EPC basis to make the customer convenient on a single point responsibility.

❖ MANUFACTURING

- We undertake manufacturing of various kinds of panels for different applications commencing from MCC, Power Distribution Panels, and Distribution panels for various applications, VFD / PLC Panels.
- Total integration under one roof with sufficient and spacious area along with trained and experienced team of technicians, CAD designers, software Engineers, QA/QC team allows multitask work to be carried out while in the same time all safety measures are ensured instrumentation, control electrical, networks communication IT, calibration, simulation, FAT, every aspect of process automation is manufactured carefully tested with advanced/modern testing facility under one roof before dispatch to the end user site reducing technical risk & avoiding project delay.

FABRICATION DEVISION

Total sheet metal solution

Boon Automations is a small sheet metal company with over 13 years of engineering experience and we have a wide range of proficiency and design products for our existing customers as well as manufacturing from customers drawings and we supplies all types of enclosures , junction boxes, precision sheet metal products, components and precision fabrications, frame structure, guards, tanks, hoods etc. The company is committed to providing outstanding manufacturing services working closely with customers to establish long-term partnerships.

As a professional and reliable manufacturer, we are noted for HIGH accurate in the sheet metal fabrication industry.

It is immense pleasure to introduce ourselves as a leading engineering unit engaged in manufacturing process of all sheet metal work & Electric Panel Enclosures and Machinery Components & Fabrication Job Work as per Customer Requirement. Main strength of our company is an enthusiastic team of technically sound, experienced personnel and skilled workers, which supports the company to face frequently changing market circumstances.

Viable Edges

1. Well-known for HIGH ACCURATE in the industry.
2. Competitive price with high accuracy.
3. Professional manufacturing equipment
4. If you can draw, we can develop it.

Engineering

By engineering and sheet metal experience we have gained from the successful production of literally thousands of different parts is a res on literally thousands of different parts

The engineering and sheet metal experience we have working from sketches, engineering drawings, prototypes, or models, we can suggest ways to make your design fabrication efficient, and can frequently improve its assembly and operational efficiency as well.

Boon Automations offers 3D CAD that enables us to design parts in final form, in order to ensure their functionality and performance.

Then, to simplify part fabrication, we utilize 3D Unfold, software that electronically “unfolds” the finished part to create a flat pattern, automatically calculating the appropriate bend allowances.

Thus, clients are assured that we can produce to specification all parts that we design.

We can work on every file format including .DWG, DXF, and .STEP.

Software

We can work on

Inventor 2012

Pro/Engineer

AutoCAD

To complement our creation of metal and plastics fabrication, we have a department dedicated to the assembly of any parts and components you may demand. As a turnkey manufacturer, we can fabricate and assemble your entire product using fasteners or adhesives. With years of assembly experience, we will work with you to have your product assembled exactly how you like it with meticulous attention to detail.

Our assembly work usually consists of fastening panels, gaskets, brackets, handles, electrical components, switches, latches, meters, valves, fittings, locks, wheels (caster), clips, springs, etc. We also do minor electrical assembly work such as inserting fans.

We are a one stop shop for all your manufacturing needs. We can purchase all the needed components for the customer or they may provide it as well for the assembly process. With this in mind, our large facility is perfect for both low and high quantities of assembly. As always, strict quality control protocols are ensured for your high quality product.

QUALITY OBJECTIVES

Boon Automations continues to maintain this standard by:

- Establish partner relationships with customers.
- Continuously look for ways to process efficiency, improve our quality, working conditions, morale, equipment, and technology.

Continuously look for ways to help our customers be more successful.

As a foundation, our quality control practices unify everything we do to create the most overall value possible. We strive to continuously improve our quality by monitoring all processes. We happily provide first article reports, material safety data sheets, test reports, and use RoHS certified materials if requested. In addition to our own internal practices, we gladly follow any additional customer requests on quality control. In the past, we have successfully satisfied customer conducted inspections and surveys.

Our quality components can provide you with the competitive edge needed in today's market place. We feel that this high standard of excellence is achieved through: the Pride that we take in our company, the Workmanship that shows in every part we manufacture, and the Service we provide to all of our customers.

Equipment list

1.CNC BENDING MACHINE.

CAPACITY FOR M.S.

MATERIAL:

- 3000mm length up to 3.0mm Thk.
- 1500mm length up to 5.0mm Thk.

CAPACITY FOR S.S.

MATERIAL:

- 3000mm length up to 3.0mm Thk.
- 1500mm length up to 4.0mm Thk.



2.SHEARING MACHINE.

CAPACITY FOR M.S.

MATERIAL:

4.0MM X 3000 MM AT
MAX.RAKE 6.0MM



3.WELDING MACHINE.

L & T MAKE MIG 250

PACKAGE.



Material

1. Usual materials:

Stainless steel, Hrca, Crca, Galvanized steel, Copper, acrylic, etc.

2. Applicable thickness:

- Steel Sheet: 1.0mm~5.0mm
- Stainless steel sheets: 1.0mm~3.0mm

Finish

Painting, powder-coating, Glass Blasting, zinc plating.

Products

- Cabinets/Control boxes
- Electrical Enclosures
- Modular (mcc type) enclosures
- Floor standing ,Wall mounting enclosures and control desks
- Brackets
- Multi Fold Enclosures
- Draw out enclosures
- Hoods
- Hoppers
- Junction Boxes
- Machine Guards
- Pharmaceutical machine parts
- Oil Tanks
- Injection molding machine Guards.
- Compact substation (css)
- Solar panel mounting structure.

We give below full details of our plants & Installed Equipments

Company Name	: BOON AUTOMATIONS PVT LTD
Address	: 52,SHANKHESHWAR INDUSTRIAL PARK, B/H HDFC BANK,Phase-1,Vatva GIDC, Ahmadabad – 382445, GUJARAT, INDIA.
Contact person	VIRAL PATEL M-9898708973 www.boonautomations.com info@boonautomations.com
Plant Area	: 2000sq.ft.

BELIEF :: Our ethos as an organization is based on the simple yet effective ideals of Quality, Ethics and Efficiency. We take immense pride in the patronage of our customers, support of an excellent staff and the faithful association of our strategic partners.





