




New Horizon Industries



CPRI Approved Company

Company Profile

- New Horizon Industries takes the pleasure to introduce itself as one of the prominent Manufacturers, Importers, and Suppliers of Electrical Control Panels, distribution Panel boards and sheet metal fabricators. The company was established in 1984 and has the necessary technical expertise needed for manufacturing distribution panel boards. Having been in the field for over 30 years, we have the required experience, and an in-house facilities of equipment & machinery in the workshop has a fleet of trained & skilled manpower to undertake any project & delivering it as per the schedule we are a professionally managed organization with a team of highly qualified professionals.
- We offer a wide array of Electrical Control Panels including AMF Control Panel, Distribution Control Panel, LT Control Panel, MCC Control Panel, PLC Control Panel, Power Factor Control Panel, and VFD Control Panel. Our Electrical Control Panels cater to the requirements of diverse industries
- The company is located in Phase I of the Jeedimetla Industrial Development Area, a prime Industrial estate of Hyderabad. The company factory site is located at the extreme end of the first main road and is surrounded by a number of Industrial units. We have all the machinery required for the manufacturing of distribution panel boards. The machinery was acquired over a period of time since the inception of the factory in 1984. The machinery is installed in strategic locations in the factory to facilitate smooth production.

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- Being a quality driven firm, we make sure that all the Electrical Control Panels are stringently tested on various quality parameters. Also, we strive hard to deliver the Electrical Control Panels safely and within a stipulated period. As a result, we have developed a vast business network all across the country
 - We aim to achieve total customersatisfaction through manufacture and supply of high quality products and prompt delivery on agreed specifications through continual improvement of all our process and quality with global standard
 - We mainly deal with design, manufacture, supply, erection and commissioning of HT & LT Electrical Power Distribution Panels upto 33KV & Switch yards up to 132KV.
 - Our esteemed clientele are from Industries like power generation and transmission, chemical & fertilizer industries, construction industry, Hospitals, steel and iron manufacturing units, diary industry, food industries, engineering units, automobile industries, pharmaceuticals industry, government agencies and educational institutes



CPRI

**SHORT CIRCUIT LABORATORY
CENTRAL POWER RESEARCH INSTITUTE**

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NABL Accredited
Laboratory
Certificate No T-0010

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TEST REPORT

Test Report Number	SC06521A	dated: 16 th October, 2006
Name & Address of the Customer	M/s. New Horizon Industries, D - 52, Phase I, IDA, Industrial Estate, Jeedimetla, Hyderabad - 500 854, Andhra Pradesh.	
Name & Address of the Manufacturer	M/s. New Horizon Industries, No.D - 52, Phase I, IDA, Industrial Estate, Jeedimetla, Hyderabad - 500 854, Andhra Pradesh.	
Particulars of sample tested	Low-voltage switchgear and controlgear assembly - Panel	
Condition of the sample on receipt	New	
Type	Cubicle	
Designation	PCC/MCC	
Serial number	---	
Number of samples tested	One	
Date (s) of test (s)	18 th September, 2006	
CPRI sample code no(s).	SC06S1699	
Particulars of tests conducted	Verification of the short-circuit withstand strength	
Test in accordance with Standard / specification	Sub-clause 8.2.3 of IS 8623 (Part 1) : 1993 / IEC Pub 439-1 (1985)	
Sampling plan	Not applicable	
Customer's requirement	50 kA rms for 1.0 second & 105 kA peak on phase bus-bars 30 kA rms for 1.0 second & 63 kA peak on neutral bus-bar	
Deviations if any	None	
Name of the witnessing persons		
Customer's representative	Mr. Mukesh Shah, Managing Director & Mr. N. P. Raman, Engineer	
Other than customer's representatives	None	
Test subcontracted with address of the laboratory	None	
Documents constituting this report (in words)		
Number of sheets	Four	
Number of oscillograms	Two	
Number of graphs	Nil	
Number of photos	Two	
Number of test circuit diagrams	Two	
Number of drawings	One	


(Swaraj Kumar Das)
Test Engineer


(B. R. Ravishankar)
Joint Director

AUTHORISED SIGNATORIES

Founder



- **Shri. Bharat I Shah**, late founder of New Horizon Industries, IDA, Jeedimetla, Hyderabad. He had over three decades' of rich experience in the field of manufacturing and supply of power control electrical Panel Boards such as Energy meter panels, LT distribution panels, AMF panels, APFC panels & others panels. Kiosks, Computer racks, Cabinets and general Sheet metal fabrications are other production segment lines. He has been instrumental in establishing the company and behind its unabated growth for more than three decade
- He is credited to have brought about the manufacturing and supply of electrical control panels products and is regarded as an icon for enterprise in Hyderabad. His proficiency in the design and execution of all types of Electrical Panels boards is impeccable. With over 30 years of real time experience has put the company as a prominent manufacturer and supplier of Electrical Panels Boards.
- He had always looked forward to fulfilling the aspirations with a good approach and to deliver the best returns to the community, customers and all the stakeholders.
- Under his guidance, the company has moved towards the pinnacle of success. His ever inspiring attitude and 30 years of his rich experience has empower us to outshine the market competition



The core strength of our company is its highly motivated support force. We are backed by a team of highly skilled and qualified professionals, who are well-versed in their jobs

Without the support of our team, it is not possible for us to give a tough competition to our competitors and satisfy our client's requirements. Our people are what make us better than the rest. Integrity, commitment and reliability are values that are etched onto the very heart of our team, which aims at fulfilling every need of its customers.

Business Values & Ethics

We cherish these values & ethics and practice them in our business:-

- Outstanding teamwork
- Respect for the Individual
- Work life balance
- Pride in work
- Long-term relationship
- Commitment to positive results
- Accountability
- Adherence to timelines & delivery schedules



Longterm Relationship

We believe in growing together by sharing knowledge and unwrapping human potential in an environment of mutual respect for our employees, our customers and all stakeholders.

We invest in relationships with our customers, team members, partners and suppliers to create substantial value. We commits to relationships that are synergistic and long-term

Our Products

Motor Control Centre (MCC)

We manufacture and supply precision engineered Industrial MCC Panels. These customized MCC Panels have created a higher demand among customers for having unmatched quality, excellent efficiency and long term durability. Designed to perfection, these are widely renowned for simple operation and low maintenance. These have the capacity to feed larger loads and are designed as per the client's specifications.

The MCC panels are conventional to the relevant standards and are available with multiple power stabs that help in supporting high capacity industrial motors. We can provide number of vertical sections of motor control centers in different amps with mains and lug compartments. We provide controllers with manual or automatic means of starting or stopping the motor, selecting forward or reverse rotation, selecting and regulating the speed, regulating or limiting the torque and protecting against overloads or faults

Power Control Centre (PCC Panel)

We manufacture and supply of PCC panels (Power Control Centre), which are used for diverse industrial applications and provide reliable and effective service. These panels are manufactured as per customer's specifications and requirements which very well meet with the industry demands. Power Control Centre is considered to be the heart of an electrical system in any industry. Therefore it shall offer users long term reliability, safety, low maintenance & testing time

Automatic Power Factor Correction Panel (APFC Panel)

We manufacture and supply of APFC panels. Most of the commercial and Industrial installations have large electrical loads which are severely inductive in nature, such as motors, large machines, air conditioners, drivers etc., which results in a severely lagging power factor. In case of fixed loads this can be taken care by manual switching of capacitors.

However in case of rapidly varying and scattered loads it becomes difficult to maintain a high power factor by manually switching on/off the capacitors in proportion to variation of load within an installation. This drawback is overcome by using an APFC panel (Automatic Power Factor Correction Panel) which not only maintains a high power factor but also eliminates the need for constant manual intervention

AMF Panel

We manufacture and supply of Automatic Mains Failure Panel including Protection for DG sets. It uses an advance technology to make an easy and trouble-free Genset control. When there is mains supply, the AMF Panel will keep the load on mains, once the mains supply fails; the AMF Panel senses this and starts the Genset. Once the Genset is found running, the load is transferred to Genset supply. When mains resume, the load is transferred back to mains supply and Genset is stopped

DG Synchronising Panel

We manufacture and supply DG Synchronizing Panel which is based on load in KW. Hence the actual sharing, starting, stopping & transfers are actual load dependent & not on any other unrealistic parameter like voltage, current, etc. Changing of scheme becomes very easy because of changes are made through software only. There is no changing of wires, adding of components like relays, contactors, which is very time consuming, cumbersome & requiring additional space. Along with KW sharing, KVAR sharing & PF sharing is very accurate, because of PLC programming. There is no possibility of any unequal sharing as regards KW, KVAR & PF. For any type of load addition or reduction, manual intervention as regards D.G.set operation is not required. However, in case of emergency manual override is possible. Special programmers using Real Time Clock (RTC) are possible. Because of KW dependent load sharing, optimum utilization of D.G. sets are possible. This increases D.G. sets efficiency & saves lot of fuel

PLC & AC/DC Drive Panel

We manufacture and supply a wide range of drive panels that can be availed at industry leading prices and also in customized specifications. These drive panels are used to monitor machines and provides on – site operating control of machines. A Drive Panel is used to save the power in the industries where there is huge power requirement. The Drives are available in AC as well as DC options. These drives are PLC based and saves electricity

ATS panel

We manufacture and supply ATS panel. An Auto transformer starter uses an auto transformer to reduce the voltage applied to a motor during start. The auto transformer may have a number of output taps and be set-up to provide a single stage starter, or a multistage starter. Typically, the auto transformer would have taps at 50%, 65% and 80% voltage, enabling the motor to be started at one or more of these settings

Automatic Source Change Over Panel

We manufacture and supply Automatic Source change over between 2 Incomers / 3 Incomer with Bus coupler and custom built change over operation

Power Distribution Board

We manufacture and supply a wide range of Power distribution board (PDB) that are precision designed for the power distribution in different sections of an industry, big building, etc. where only short circuit protection and overload protection are required. These protective devices can be fitted with different protective relays which can trip the CB against various types of faults

Bus Duct & Bus Trunking

We manufacture and supply Bus ducts. Presenting a range of bus ducts and rising mains which can be operated with less than 35 degree celsius temperature rise over an ambient of 40 degree celsius. The non-segregated Bus Ducts with inter leaving design are aptly designed for indoor and outdoor installation with IP: 55 degree of protection. We are pioneer in design, engineering & manufacturer of various types of bus ducts and bus trunking systems as per customer requirements.

Infrastructure

We have a vast infrastructure comprising of hi-tech machines and equipments. Our manufacturing unit is spread over a large area. We have all the machinery required for the manufacturing of electrical panel boards.

The machinery was acquired over a period of time and it is installed in strategic locations in the factory to facilitate smooth production. In addition to this, our spacious warehouse has all the facilities to stock the products in a safe manner, so that we are able to meet all forms of market demands.

- 8ft -Sharing machine
- 8ft -Hydraulic bending machine
- 4ft -Sharing machine
- Power Press
- Drilling machine
- Arc Welding machine
- Spot Sharing machine
- Mig Welding machine
- Generator 62.5 KVA & Transformer
- Inbuilt Power Coating Unit

Quality

Our product (Electrical Panel Boards) has been successful tested for its performance at Central Power Research Institute (C.P.R.I), Bangalore. We are equipped with best of manufacturing & testing equipment to ensure our quality commitment.

Rigorous quality checks tests are done at various stages of manufacturing. Routine tests as per standard are conducted on the completely finished assembled panel. We are continually striving to provide our customers by delivering with timely services and high quality standard.

Clients

Construction & Engineering Industries :

- ATC Retail and Malls India Pvt Ltd
- Cybercity Builders and Developers Pvt Ltd
- Galaxy Engineers
- GRIP Engineers Pvt Ltd
- Jyothi Electrical & Engg Company
- Martinet Engineers Pvt Ltd
- Megha Engineering Infrastructures Ltd
- My Home Cements Pvt Ltd
- My Home Constructions Pvt Ltd
- National Engineering Corporation
- Engineers (P) Ltd
- Raichandani Constructions Private Limited
- Saket Engineers
- Sampada Homes
- SMR Builders Pvt Ltd
- TATA Projects Limited

Hospital & Pharmaceutical Industries:

- A Star Hospitals
- DSR Labs Private Limited
- Hyderabad Kidney Centre
- Matrix Laboratories Limited
- Megsan Labs Pvt Ltd
- Star Ten Plus Hospitals

Consultants:

- Canny Infratech Pvt Ltd
- Classic Electrical
- Electrical Engineering and Services Consultants
- Engineers Office
- Sri Venkateshwara Electricals
- Synergy Infra Consultants Pvt Ltd

Others Industries:

- 6TV - LCGC Broadcasting (India) Pvt Ltd
- AGI Glass Factory
- Airforce Academy, Dundigal
- E.I.Instrumentation Pvt Ltd
- Coast Magnets (P) Ltd
- Electronic Corporation of India Limited (ECIL)
- G.R. Power Systems Limited
- Hyderabad Chemicals (P) Ltd
- I News
- JBM Garden Pvt Ltd
- Jeeyar Integrated Vedic Academy
- Lokesh Machines Limited
- Precision Control Systems
- Rachana Television (P) Ltd
- Rendevous Automation
- Sairam Safety Solutions
- SLC Projects Pvt Ltd
- Sridevi Electricals
- Yogeshwar Enterprises







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