



# INDUSTRIAL ELECTRICALS

An ISO 9001:2008 Certified Company

Mfrs. of : World Class Quality Manufacturer of Reliable Electricals Panels (C.P.R.I. Approved )

Tele: 022 25953158, 022 25953159, Cell: 08080222299: 09820420861 : [www.hvaccontrolpanels.com](http://www.hvaccontrolpanels.com)

Unit No.3, Shakti Industrial Estate, Behind New Bharat Industrial Estate ,Lakh Road LBS Marg, Bhandup (W) Mumbai 400078

E-mail: [sales@hvaccontrolpanels.com](mailto:sales@hvaccontrolpanels.com) , [ie@hvaccontrolpanels.com](mailto:ie@hvaccontrolpanels.com), [iepd@hvaccontrolpanels.com](mailto:iepd@hvaccontrolpanels.com), [md@hvaccontrolpanels.com](mailto:md@hvaccontrolpanels.com)



## COMPANY PROFILE



We are in Design, Manufacture, Supply, Installation, Testing and Commission Of. **World Class Quality Manufacturer of Reliable Electricals Panels (C.P.R.I. Approved )** Standard Control Panels, Custom Built panels, Power Control Panels , Analogue and Digital Timer & Analogue and Digital Temperature Controller, Thyristorised A.C. Drive, level controller units and load sharing units, motor control, V.F.D A.C Drive, DOL, Star Delta Starters, MCC, PCC, PLC, BAS. Control Panels MLD, MCB, D.B, Bus Duct, Cable Tray, Enclosure & Boxes, IP. 55 Degree of Protection Out Door type.



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We are in Design, Manufacture, Supply, Installation, Testing and Commission Of. **World Class Quality Manufacturer of Reliable Electricals Panels (C.P.R.I. Approved )** Standard Control Panels, Custom Built panels, Power Control Panels , Analogue and Digital Timer & Analogue and Digital Temperature Controller, Thyristorised A.C. Drive, level controller units and load sharing units, motor control, V.F.D A.C Drive, DOL, Star Delta Starters, MCC, PCC, PLC, BAS. Control Panels MLD, MCB, D.B, Bus Duct, Cable Tray, Enclosure & Boxes, IP. 55 Degree of Protection Out Door type.



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IE\MKTG/01

DATE :1/04/2004

TO,

M/S

**Kind Attn:**

We take immense pleasure in introducing ourselves as Electrical Engineers & Contractors for various Applications. Time is money especially in a business where every second counts and even the slightest hitch can result in a loss of worth lakhs of rupees.

We would also like to introduce ourselves as one of the leading manufacturer of electrical control panel Like Process Control Panel, Instruments Control Panel, PLC Control panels, Motor Control Center, Power Control Center, Heating & Cooling System Control Panel, DOL & Star Delta Starters Control Panel, Ventilation System Control Panel, Chilling System Control Panel, Utility Chiller HVAC Control Panel, Complete Electrical Turnkey Solution, Auto / Manual Mode, Fire Pump Starter control panel, Ready Stock, up to 30HP DOL & Star Delta Start Control Panel.

We have supplied and are supplying quite a considerable amount of panels and process Instruments to various Indian as well as Foreign countries.

We have also supplied various panels to prestigious organizations like Voltas Ltd. Blue Star Limited, Kirloskar Chiller Ltd. Kool Kraft Engineers, Aireff Dtox Incretion ltd, Advance Drying System, Flora Engineering Company Universal Engineers, A K. Associated. Airpac filter & systems Pvt. Ltd, Seven Hills Hospital, LTMG Hospital, Ni Hospital, Kem Hospital, KaliDasMulund, Brechcondy Hospital, Bombay House, Tata Motor, Tata Consultant, I iGate Airoli Mumbai, Rbi Mumbai, BNP.Devas, Anshutech Air-conditions Pvt. Ltd, IMO, Tata Power, BAR HPCL, ONGC, MTNL. Sbfirt, Cipla Ltd. Alkem Laborites, Lupin. Ltd. Finix Mall OBEROI Mall, Air India Airport Mumbai, Patni computer, etc.

We now request you to kindly approve our name in your vendor list and forward us your Valuable enquiries along with the specifications to enable us to give our competitive offers.

Looking forward to receiving your valuable enquiries, which will have our best attention at all the times. Assure our best services to your esteemed concern at all the times.

Thanking you,  
Yours faithfully,

**FOR INDUSTRIAL ELECTRICAL**

**Director**

**Mubarak J. Ansari**

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## **HISTORY WONT'S REPEAT IT SELF** **IF IT IS WITH INDUSTRIAL ELECTRICALS**

Time is money especially in a Business where every second counts and even the slightest hitch can result in a loss of worth lakhs of Rupees

What you need is some one who values your time the way it should be and is skilled enough to handle every aspect that goes into the making of a critical component without you having to run from Pillar to post.

Like **INDUSTRIAL ELECTRICALS** with over 20 years of experience and expertise in Design, Manufacture, Supply, Installation, Testing, & Commissioning of all kinds of Electrical panels without a trace of error.

like: We are in Design, Manufacture, Supply, Installation, Testing and Commission Of. **World Class Quality Manufacturer of Reliable Electricals Panels (C.P.R.I. Approved )** Standard Control Panels, Custom Built panels, Power Control Panels , Analogue and Digital Timer & Analogue and Digital Temperature Controller, Thyristorised A.C. Drive, level controller units and load sharing units, motor control, V.F.D A.C Drive, DOL, Star Delta Starters, MCC, PCC, PLC, BAS. Control Panels MLD, MCB, D.B, Bus Duct, Cable Tray, Enclosure & Boxes, IP. 55 & 65 Degree of Protection In Door, Out Door Type Installation

We have more than just manufacturing capabilities behind us. So, if you are looking for the above said PRODUCTS / PANELS don't let history repeat itself turn to **INDUSTRIAL ELECTRICALS**. Simply mail or call marketing Department directly for more Information and leave the past behind.

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## SOME OF OUR VALUABLE PRODUCTS

### PRODUCTS

### AREA OF APPLICATION

- |   |  |
|---|--|
| * Standard Control Panels   | Blow Moulding M/C., Injection Moulding M/C., Heating Controls Panels, Timer Control Panels etc.  |
| * Custom Built Panels   | Power/Sugar/Tablet System, Belt & Bucket Conveyor System, Lifter/Stacker/Hydraulic press Control panel, Control for Food Processing Industries, Screw Conveyor Systems, Concrete Batching Plant, Oil Mill Plant, Tobacco Processing Plant, Material Handling System etc. |
| * Power Control Panels  | Motor Control Centers, Power Factor Control Centers, Power Distribution Panels, Operating Desk with Mimic Flow Chart, Change Over Panels, D. G. Panels etc.  |
| * Analogue & Digital Temperature Controller:<br>Suitable for J, K, & PT 100 type sensors. | Application in Plastic & Chemical Pharmacy Industries, Heat treatment plant, Dehumidification etc.   |
| * Analogue & Digital Time<br>Range – 0 to 300 sec. (Analogue)<br>0 to 99.9 sec. (Digital) | Application in Plastic Moulding M/C., Process Control System etc.  |
| * Thyristorised A. C. Drives<br>Range – 0.25 HP to 100HP                                  | Application in Plastic Extrusion M/C., Paper Industries, Steel Rolling Mills, , Printing M/C., Dehumidifier, Process Control etc.  |
| * Level Controller Unit,<br>Load Sharing Units etc.                                       | Application in Caustic Recovery Plant, Tobacco Processing Plant, Food Processing Plant, various Material Handling Equipment etc.   |
| * Motor Control, V. F. D. A. C. Drives.<br>Range: .25HP to 100HP                          | Application in HVAC System & Dehumidification System Automation etc.   |

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Main PCC. Panel



Main D.B. Panel



VFD. MCC. Pan



PLC. Panel



Air Cool chillers Control Panel



Main HVAC Panel



A.C. Lab Data Laager Panel



VRF Panel



CHILLER CONTROL PANEL



AHU.Control Panel



VFD Panel



Pump Control Panel

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IP 65 Panel Out door type



Out Door MCC Panel



IP55 Out Door Typrr



HEATER CONTROL PANEL



PLC CONTROL PANEL



INDOOR TYPE MCC PANEL

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## COMPANY PROFILE

<b>NAME</b>	<b>: INDUSTRIAL ELECTRICALS</b>
<b>SALES &amp; SERVICE</b>	<b>: UNIT NO. 3, SHAKTI INDUSTRIAL ESTATE, BEHIND BHARAT INDUSTRIAL ESTATE, L.B.S.MARG, BHANDUP (W) MUMBAI – 78</b>
<b>WORKING AREA</b>	<b>: 1000 SQ. FT. (GROUND FLOOR) WITH 25HP INSTALLED POWER</b>
<b>WEEKLY OFF</b>	<b>: SUNDAY</b>
<b>WORKING SHIFT</b>	<b>: GENERAL</b>
<b>M. S. T. NO.</b>	<b>: VAT TIN : 27780162576V w.e.f. 1 – 4 - 2006</b>
<b>C. S. T. NO.</b>	<b>: CST TIN : 27780162576C w.e.f. 1 – 4 – 2006</b>
<b>S.TAX.NO.</b>	<b>ABCPA3861ST001</b>
<b>PAN . NO.</b>	<b>: P. A. No. : ABCPA3861E</b>
<b>S. S. I. REGN. NO.</b>	<b>: I/08/32/L</b>
<b>CENTRAL EXCISE NO.</b>	<b>: EXEMPTED</b>
<b>BANKERS</b>	<b>: STATE BANK OF INDIA SAKINAKA MUMBAI 400 072</b>
<b>TAX CONSULTANTS</b>	<b>J. C. CHAUHAN 34, NAGDEVI STREET, 2<sup>ND</sup> FLOOR, MUMBAI 400 003.</b>
<b>LEGAL ADVISOR</b>	<b>: HAREESH GAIKWAD INCOME TAX CONSULTANT KALYAN (W)</b>
<b>CONTACT PERSON</b>	<b>: MR. MUBARAK.J. ANSARI</b>

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## PERSONAL BRIEF

**\*Name:** Mubarak. Jokhan Ansari

**\*Designation:** Proprietor/ Director

**\*Phone Number:** 022-25953158 / 25953159,

**\*Mobile Number:** 08080222299/09820420861

**\*Address:** Flat No.103,A Wing Bldg,No.1  
Saki – Vihar Co. Op. Housing Societies.  
Saki Vihar Road, Sakinaka,  
Mumbai 400072.

**\*Qualification:** Diploma in Electrical Engg.

**\*Pan no.** ABCPA3861E

**\*Looking after:** Mfrs Planning and Erection commissioning Activities

**\*Experience:** 20 years in manufacturing Electrical Panels and Commissioning of Control Panels

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## FABRICATION PROCEDURE

- a) Designing: Detailed Drawings, G.A., Structural, foundation etc.
- b) Client's approval.
- c) Sheet, angle & channel: specification & quantity calculation.
- d) Material inspection & procurement
- e) Material transport to factory.
- f) Fabrication planning
- g) Actual fabrication work
- h) Periodic inspection
- i) Final inspection
- j) Finishing
- k) Inspection by client
- l) Finish goods transport for painting work,

## PAINTING DETAILS

- a) Finalization of painting details from client: Color shade & type of painting
  - i) Plain liquid stoving.
  - ii) Enamel painting after seven tank process.
  - iii) Epoxy painting after seven tank process.
  - iv) Powder coating.
  - v) Weather any other treatment such as Sand Blasting/PU coating required.

**Note:** Our standard colors shades:

- 1) For smaller built panels: Siemens Grey/ Light gray, powder coating mounting plate –as per req.
- 2) For MCC'S & PCC'S: Light Grey (shade 631)/ Siemens Grey shade 7032

Mounting plates: As per requirement.

Base channel: Black

- b) Appropriate cleaning process.
- c) Primer application.
- d) Paint coat application
- e) Oven drying/Air drying as applicable to panel structure.
- f) Painted goods transport to factory

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## ELECTRICAL ITEMS

- a) Designing: Detailed Drawings, Single line diagram, Component layout diagrams, Circuit diagrams, Interlock logic circuits, power & Control Termination, Legend (With material details) etc.
- b) Client's approval.
- c) Detailed material specification & listing.
- d) Material order as per make & specification.
- e) Material inspection, Procurement & Collection of test report.

## FITTING PROCEDURE

- a) Mounting plate Drilling & Tapping
- b) Fitting of component as per component layouts of specification.
- c) Inspection of fitted mounting plates before wiring.

## WIRING PROCEDURE

- a) Power wiring in Red, Yellow & Blue colour
- b) Control wiring in Grey colour
- c) Wiring inspection as per wiring diagram.

## TESTING PROCEDURE

- a) Cold testing:
  - i) Checking components as per Drawings. listing & specs.
  - ii) Checking component mounting
  - iii) Checking wiring.
- b) Connection of supply & step by step no load testing:
  - i) Incomer: Isolator /SFU etc.
  - ii) Outgoing feeders
  - iii) Interlocks if any
  - iv) Manual & Auto cycles if any
  - v) Terminations
- c) Load testing (available resources permitting)
- d) Equipment testing viz.:
  - i) Meggar test
  - ii) HV test

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## QUALITY ASSURANCE PLAN

S.N.	MATERIALA	CHARACTERISTICS	TYPE OF CHECK	QUANTUM OF CHECK
1)	Sheet Metal	1) Gauge 2) Type 3) Condition	Measurement Visual Visual	100%
2)	Fabrication	1) Structural dimensions As per drawings. 2) Surface finish 3) Final finish	Measurement Visual Visual	100%
3)	Painting	1) Pretreatment cleaning 2) Appropriate treatment 3) Primer application 4) Finish painting Powder coating	Visual Visual Visual	100%
4)	Electrical Material	1) Specification 2) Rating 3) Functioning 4) Make	Elect. Visual	One sample Per lot
5)	Assembling	1) Location as per G.A. 2) Fitting		100%
6)	Wiring	1) Wire: Make Specs., Rating color 2) Wiring as per given diagram 3) Ferruling & lugs at each & every termination	Visual Elect. Visual	100%
7)	Copper/Aluminum Bus Bar	1) Grade 2) Specification as per Prepared requirement	As per lab. Test	100 %
8)	Cold testing		Elect.	
9)	Functional testing		Elect.	
10)	On load testing		Elect.	100%
11)	Megger Tester & HV Tester		Elect.	
12)	Final check for tightening of electrical components, cover & electrical connections & proper cleaning before packing & dispatch.			

We are in Design, Manufacture, Supply, Installation, Testing and Commission Of. **World Class Quality Manufacturer of Reliable Electricals Panels (C.P.R.I. Approved )** Standard Control Panels, Custom Built panels, Power Control Panels , Analogue and Digital Timer & Analogue and Digital Temperature Controller, Thyristorised A.C. Drive, level controller units and load sharing units, motor control, V.F.D A.C Drive, DOL, Star Delta Starters, MCC, PCC, PLC, BAS. Control Panels MLD, MCB, D.B, Bus Duct, Cable Tray, Enclosure & Boxes, IP. 55 Degree of Protection Out Door type.





# INDUSTRIAL ELECTRICALS

An ISO 9001:2008 Certified Company

Mfrs. of : World Class Quality Manufacturer of Reliable Electricals Panels (C.P.R.I. Approved )

Tele: 022 25953158, 022 25953159, Cell: 08080222299: 09820420861 : [www.hvaccontrolpanels.com](http://www.hvaccontrolpanels.com)

Unit No.3, Shakti Industrial Estate, Behind New Bharat Industrial Estate ,Lakh Road LBS Marg, Bhandup (W) Mumbai 400078

E-mail-: [sales@hvaccontrolpanels.com](mailto:sales@hvaccontrolpanels.com) , [ie@hvaccontrolpanels.com](mailto:ie@hvaccontrolpanels.com), [iepd@hvaccontrolpanels.com](mailto:iepd@hvaccontrolpanels.com), [md@hvaccontrolpanels.com](mailto:md@hvaccontrolpanels.com)

## LIST OF MACHINERY AND TOOLS

NAME	QUANTITY
* DIGITAL MULTIMETERS	4 NOS.
* CLAMP METER	2NOS.
* INSULATION TESTER (1KV)	2NO.
* H. V. TESTER (5KV)	1NO.
* OSCILLOSCOPE	1NO.
* DRILL M/C UPTO 25MM STAND TYPE	1NO.
* HAND DRILL M/C UPTO 8.0MM	1NO.
* HAND DRILL M/C UPTO 12.0MM	4NO.
* WELDING MACHINE (150Amp)	2NO.
* HAND PRESS NO. 10 & 40 TON PRESS BRAKE,M/C	1NO.
* GRINDER 8" & 4" WHEEL	4NO.
* SANDER 7" WHEEL	3NO.
* HAND OPERATED SHEET SHEARING M/C	1NO.
* FIX PANNA SET	1NO.
* BOX PANA SET	1SET
* GAS CUTTING SET	1SET
* GAS BRAZING SET	1SET
* VICE MACHINE	1SET
* HACKSAN TOOLS	4SET
* CRIMPING TOOLS 16SQ MM TO 400 SQ MM	2NOS.
* CRIMPING TOOLS 1.5SQ MM TO 16SQ MM	4NO.
* HOLE PUNCH DIA 12MM TO 75MM	4NOS.
* LOWER DIA 4"	1NO.
* HAND CLEANING BLOWER	1NO.
* WIRE CUTTER	4NO.
* CUTTER PLAYER	4NO.
* WIRE STRIPER	4NOS.
* SCREW DRIVER SET	4NOS. 6SET

NOTE: Bigger size Cutting & Bending jobs of sheet metal are done on Hydraulic Shearing & Bending Machine (Sub – contracted)

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