



# ELECMECH

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SWITCHGEAR & INSTRUMENTATION

## about us



Elecmech Switchgear & Instrumentation, launched in 1962, is a technology driven and service oriented company in the field of electrical engineering. Backed by over four decades of experience, the Company has experienced staff, skilled workforce and modern infrastructure facilities to manufacture quality electrical control panels for its clients. The company continuously strives towards providing quality execution and timely delivery.

Elecmech has built up a sizeable clientele base by offering customer-need based and maintenance-free panels. To meet the expectations of existing and potential clients, the company has cemented its production capabilities by the inclusion of modern designing, manufacturing and testing equipments. That is how our first fully drawout motor control centre was introduced.

Stability, reliability and dependability are deeply rooted in our quality system.

We thank all our customers and consultants for their continuous support and feedback which has helped us improve our quality and service. We request you to kindly give us an opportunity to serve you.



## vision

To design manufacture & supply products with superior quality with excellence in all areas of business

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## mission

At Elecmech Switchgear & Instrumentation, we are committed to achieve total customer satisfaction by providing technologically superior innovative high quality products and services & social welfare via NGO-BAPS

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## quality policy

We are committed to quality in all areas of our business. We pledge to monitor our performance as an on-going activity and strive for continuous improvement

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## Team Elecmech

- |    |                |                                  |
|----|----------------|----------------------------------|
| ▶▶ | Jayant Mehta   | : Founder Chairman               |
| ▶▶ | Kamlesh Patel  | : Managing Director              |
| ▶▶ | Shailesh Patel | : Executive Director - Marketing |
| ▶▶ | Manish Mehta   | : Director - Technical           |
| ▶▶ | Samir Parikh   | : Director - Design              |
| ▶▶ | Harish Mehta   | : Director - Commercial          |



# P R O D U C T R A N G E

## BRAND ELECMECH

### PRODUCTS

- Power Control Centres / LT Switchboard upto 6000 Amps.
- Fully Drawout and Non-Drawout Motor Control Centres
- Busducts upto 6000 Amps.
- Numerical Protection Systems
- Auxiliary Control Panels
- Distribution Board
- Lighting Distribution Board
- Annunciator Panels
- Automation systems: Scada, PLC, VFD, Soft Starters, HMI, MMI, Thyristorized Heater Control Panels
- Genset Automation Systems



# P R O D U C T R A N G E

## BRAND DYNAMIC

### FLAME PROOF PRODUCTS

- |  |   |
|--|---|
| <ul style="list-style-type: none"><li>• Weather Proof Well Glass Fitting</li><li>• Flood Light Fitting</li><li>• Hand Lamp</li><li>• Vessel Lamp</li><li>• Bulk Head Light Fitting</li><li>• Manual Break PIL Box Station</li><li>• Weather Proof Push Button Station</li><li>• Limit Switch</li><li>• Weather Proof Control Station</li><li>• Weather Proof Panel Board</li><li>• Weather Proof Junction Box</li><li>• Busbar Chamber</li></ul> | <ul style="list-style-type: none"><li>• Weather Proof Power Junction Box</li><li>• Safety Torch</li><li>• Push Button Station</li><li>• Indicating Lamp and Switch</li><li>• Junction Box 4 Way and 8 Way</li><li>• 63 Amp. And 16 Amp. Plug Socket Unit with Switch</li><li>• Plug - Socket Unit with M.C.B.</li><li>• Lighting Panels</li><li>• DOL Starters</li><li>• Weather Proof 16A Plug Socket Unit with Switch or M.C.B.</li></ul> |
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**NOTE:**

- CMRS, CCI DGFASLI Approved*
  - Available in Cast Iron and Cast Aluminium (LM 6)*
  - Special Custom Designed Items can be made on specific inquiry.*
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# CONSULTANTS WHO APPROVE OUR QUALITY

- Bharat Heavy Electricals Ltd. (BHEL), Bangalore
- Birla Technical Services, Kolkata
- Bechtel - London
- Chemtex Engineers India Ltd., Mumbai
- Dalal Consultants Engineers India Ltd., Mumbai / Ahmedabad
- Development Consultants Ltd., Calcutta / Mumbai
- DESEIN, New Delhi
- Engineers India Ltd. (EIL), New Delhi
- Engineering Projects of India Ltd., New Delhi
- Jacobs H&G Ltd., Mumbai / Vadodara
- Howe India Ltd., New Delhi
- Kaverner Power Gas India Ltd.
- Lloyds Register Consultants, Mumbai.
- M.N. Dastoor and Co., (Dastoor Co.), Calcutta
- Metallurgical and Engineering Consultants (I) Ltd., (MECON), Ranchi
- National Thermal Power Corporation (NTPC), New Delhi
- Projects Development India Ltd. (PDIL)
- P.H. Padhye Associates, Mumbai
- SMPS Consultant
- TATA Consulting Engineers, Mumbai
- Tata Exports, Mumbai
- Toyo Consultant (India) Ltd., Mumbai
- UHDE India Ltd., Mumbai
- Unique Engineers, Mumbai
- N.P.C.I.L. - Mumbai



# CUSTOMERS WHO APPROVE OUR QUALITY

- Atul Products Ltd., Valsad
- Associated Cements Co. Ltd., Mumbai / Chaibasa
- Arvind Mills Ltd., Ahmedabad
- Asian Paints Ltd., Ankleshwar
- Asea Brown Boveri Ltd. (ABB), Vadodara
- Adani Port Ltd., Ahmedabad
- Ambuja Cements Ltd., Dist. Chandrapur
- AGEE Gold Refiner, Shirpur, Dist. Dhule
- B.H.EL. (I.S.G.), Bangalore
- Buckau Wolf India Ltd., Pune
- Bharat Petroleum Corporation Ltd. (B.P.C.L.), Mumbai
- Balkrishna Tyres Ltd., Aurangabad
- Batliboi and Company, Mumbai (NTPC)
- Bharat Diamond Bourse, Mumbai
- Bharat Starch, Vadodara
- Bongaigaon Refinery, Bongaigaon
- B S E S, Mumbai / Vadodara
- Blue Star, Mumbai / Vadodara
- Baroda Rayon, Surat
- Bridge & Roof, Mumbai / Calcutta
- Bharat Heavy Plate & Vessels, Vishakapatnam
- Century Rayon, Kalyan
- Cochin Refineries Ltd., Cochin
- Ceat Tyres of India Ltd., Mumbai
- Core Healthcare, Ahmedabad
- Cadbury India, Malanapur / Induri
- Coats Viyella, Madurai
- Chicago Pneumatic, Nasik
- Chambal Fertilizers
- Durgapur Steel Plant, Durgapur
- Dodsai, Mumbai
- Driplex Water Engineers Co. Ltd., New Delhi
- Elecon Engineering Co. Ltd., V. V. Nagar
- Elkem Metallurgy Pvt. Ltd., Navi Mumbai
- Eurotex Industries & Exports Ltd., Kolhapur
- ETA Engineering, Mumbai
- Finolex Pipes Ltd., Raigad
- Furnace Fabrica
- Gujarat Alkalies and Chemicals Ltd. (G.A.C.L.), Vadodara / Dahej
- Gujarat State Fertilizers Co. Ltd. (G.S.F.C.) Vadodara / Sikka
- Garware Plastics Ltd., Aurangabad
- Gujarat Borosil Ltd., Mumbai / Bharuch / Chennai
- Gajambuja Cement Kodinar / Muldwarka
- Global Boards, Mumbai
- Gujarat Guardian, Ankleshwar
- Gujarat Flurochemicals Ltd., Vadodara
- Gujarat Apar Ltd., Ankleshwar
- GSL
- Gujarat Heavy Chemicals Ltd.
- Herdillia Polymers Ltd., Mumbai
- Herdillia Oxides Ltd., Mumbai
- Hanill Era Textiles Ltd., Patalganga
- Hindustan Fluro Chemicals Ltd., Hyderabad
- Hindustan Petroleum Corporation Ltd., Mumbai
- Hindustan Petroleum Corporation Ltd. Gummidipoondi.
- Hindustan Organic Chemicals Ltd. (H.O.C.L.), Maharashtra
- H E G Ltd., Bhopal
- ICB, Mumbai
- ICI Ltd., Mumbai
- IEC Ltd., Kanpur
- IFFCO, Kalol / Kandla



# CUSTOMERS WHO APPROVE OUR QUALITY

- Indian Petrochemicals Ltd. (I.P.C.L.)  
Vadodara
- Indian Organic Chemicals Ltd. (I.O.C.L.)  
Mumbai / Madras
- Indian Oil Corporation Ltd.  
Vadodara / Mathura
- Indian Rayon, Jodhpur / Malkhed
- Kanoria Chemicals Ltd.
- Kilburn Engineering, Mumbai
- Kirloskar Brothers Ltd., Pune
- Lubrizol India Ltd., Thane
- Lafi Al, Wed, Abu Dhabi
- L & T, Mumbai
- Maharashtra State Electricity Board and  
all Electricity Boards of India
- Magadi Soda, Kenya
- Mecnally Bharat Eng. Co. Ltd., Calcutta
- Madras Refinery, Chennai
- Marico, Goa
- Mecon, Delhi
- Mukund Industries, Mumbai
- Neyveli Lignite Ltd., Chennai
- NOCIL, Mumbai
- National Mineral Development  
Corporation, Hyderabad
- Navin Flourine Ltd., Navsari
- National Fertilizers Ltd., Panipat
- Nirma Limited, Ahmedabad
- Nova Petrochemicals Ltd., Ahmedabad
- National Electric Co., Cochin
- Oil and Natural Gas Commission, O.N.G.C.
- Polyolefins Ind. Ltd., Mumbai
- Paramount Pollution Control Ltd.,  
Vadodara
- Petrofills Industries Ltd., Vadodara
- Penwalt India Ltd., Navi Mumbai
- Punj Lloyd Ltd., New Delhi.
- Priyadarshini Sahakari Soot Girni Ltd.  
Shirpur, Dist. Dhule
- Rajasthan Polymers and Resins Ltd., Abu
- Reliance, Patalganga / Hazira / Jamnagar
- Reliance Petroleum Ltd., Jamnagar
- Reliance Industries Ltd.,  
Jamnagar / Chennai / Bhopal /  
Rewari / Hazira
- Reliance Infocom, Mumbai
- Rama News Print, Surat
- Royal Cushion & Vinyl, Vadodara
- Rotary Mec Engineering Pvt. Ltd.  
Navi Mumbai
- Saurashtra Chemicals Ltd.
- SPL Polymers Ltd.
- Standard Alkalies Ltd., Mumbai
- Shriram Fertilizers and Chemicals Ltd.,  
Kota
- Shriram EPC, Chennai / Zambia
- S.M. Dyechem Ltd., Mumbai / Pune
- Siemens, Mumbai
- Sudhir Engineering, Pune
- Supreme Petrochemicals Ltd., Raigad
- Simplex Concrete Piles, Mumbai
- SHV Energy North West India Ltd., Valsad
- Supernova Engineers Ltd., Ahmedabad
- Sunny Electricals, Surat
- Tata Chemicals Ltd., Mithapur
- Tolaram Co., Singapore
- Thermax, Pune
- Turbo Machinery, Cochin
- Torrent Gujarat Biotec Ltd., Vadodara
- Thirumalai Chemicals, Ranipet
- Transformer & Rectifiers Ltd., Changodar
- Voltas Ltd., Mumbai / Ahmedabad
- Zuari Agro, Goa

# TYPE TESTS

## 1 CPRI / ERDA Short ckt. Type Tests

- ▶ **6400 A** | TPN Busduct Test Report PLV/10/SC/326 Dt.31/7/2003  
65KA for 1 Sec.
- ▶ **4000 Amps** | Busduct Test Report, SC/94/175C  
50KA 1 Second
- ▶ **3200 A** | TPN Busduct Test Report PLV/10/SC/737 dt.25/12/2002  
65KA for 1 Sec.
- ▶ **3200 Amps** | PCC/MCC Report, CPRI Bangalore SC/85/246/A
- ▶ **2500 Amps** | PCC/MCC Report, CPRI Bangalore SC/85/246/C  
50 KA 1 Second Shortckt Test
- ▶ **2500 Amps** | Busduct Test Report CPRI Bangalore SC/85/43  
50KA 1 Second
- ▶ **1000 Amps** | PCC/MCC Report, CPRI Bangalore SC/83/131/A  
50KA / 40KA 1 Second
- ▶ **1000 Amps** | Double Front D/O MCC – Front Main Horizontal Bus,  
Test Report No. PLV/10/SC/492 Dt.29/9/2005 - ERDA  
Vadodara
- ▶ **1000 Amps** | Double Front D/O MCC -Vertical Bus Front Side,  
Test Report No. PLV/10/SC/493 Dt.29/9/2005 - ERDA  
Vadodara
- ▶ **1000 Amps** | Double Front D/O MCC -Vertical Bus Rear Side,  
Test Report No. PLV/10/SC/494 Dt.29/9/2005 - ERDA  
Vadodara
- ▶ **1000 Amps** | Single Front D/O MCC - Front Main Horizontal Bus,  
Test Report No. PLV/10/SC/449 Dt.20/9/2005 - ERDA  
Vadodara
- ▶ **600 Amps** | PCC/MCC Report, CPRI Bangalore SC/86/2,  
30KA/40KA 1 Sec.

## TYPE TESTS

### 2 Enclosure Protection Type Test

▶ **C.I.L.**  
Bangalore

▶ **Genelec**  
Mumbai

▶ **E.R.D.A.**  
Baroda

### 3 Our panels are FIA/I.S.I. approved for 4000A Rating

### 4 Co-ordination Type 'C' Tested C.P.R.I., Bangalore

### 5 Heat Run Test for following is carried out

▶ **1600 A**

TPN Busduct Test Report No.2003/STL/439  
Dt.3/9/2003

▶ **2500 A**

TPN Busduct Test Report No.0251  
Dt.23/10/97

▶ **3200 A**

TPN Busduct Test Report No.PLV/04/SW/3181  
Dt.5/2/2003

▶ **4000 A**

Double Front D/O MCC Test Report No.PLV/04/SW/145  
Dt.25/4/05

## LIST OF DRAWOUT MCCS OF ELECMECH IN VARIOUS PLANTS

CLIENT	YEAR OF SUPPLY	CLIENT	YEAR OF SUPPLY
Garware Plastic & Polyester Limited	1981-82	G.S.F.C.	1986-87
Kothari Madras Ltd.	1980-81 & 1983-84	Indian Oil Corporation	1987-88
Shriram Fertilizer & Chemicals Ltd.	1978-79	Cochin Refineries Ltd.	1987-88
Elecon Engineering Co. Ltd.	1985-86 1983-84 1983-84 1983-84 1982-83 1982-83 1986-87	Bharat Petroleum Corporation Ltd.	1987-88
ION Exchange (I) Ltd.	1982-83 1980-81	Bharat Heavy Electricals Ltd.,	1989-90
Rajasthan Glycon Ltd.	1979-80	Elecon Engineering Co. Ltd.,	1989-90
Shree Ambuja Petrochemicals Ltd.	1979-80	ION Exchange (I) Ltd.,	1989-90 & 1990-91
PIECO Electronics & Elect. Ltd.,	1979-80	Hirakund Power Project	1991-92
IFFCO	1979-80	Rajasthan Mines & Mineral.,	1991-92
Petrofiles Co. Op. Ltd.	1980-81	Elecon Engineering Co. Ltd.	1991-92
Petrofiles Co. Op. Ltd. P.O. Petrofils	1980-81 1982-83	ION Exchange Ltd.	1991-92
Hindustan Dorr Oliver Ltd.	1982-83 1984-85	Herdillia Polymers Ltd.	1991-92
Lubrizol India Ltd.	1984-85	S.M.Dyechem	1991-92
Hindustan Petroleum Corporation Ltd.	1984-85	Tata Chemicals Ltd.	1992-93
Thirumalai Chemicals Ltd.	1984-85	McNally Bharat Engg. Co. Ltd.	1992-93
Indian Rayon	1984-85	Indian Oil Corporation	1992-93
Engineers India Ltd.	1985-86	Elecon Engineering Co. Ltd.	1992-93
Indian Oil Corpn. Ltd.	1985-86	Elkem Metallurgy Pvt. Ltd.	1992-93
Oil & Natural Gas Commission	1985-86	Batliboi & Co.	1992-93
Bharat Petroleum Corporation Ltd.	1986-87	Cochin Refinery Ltd.	1992-93
Indian Oil Corporation Ltd.	1986-87	Tata Chemicals Ltd.	1992-93
Geo Miller Co. Ltd.	1986-87	Tata Chemicals Ltd.	1992-93
		Rajasthan Polymers	1993-94
		GACL	1993-94
		Hanil Era Textiles Ltd.	1993-94
		Tata Chemicals Ltd.	1993-94
		Reliance Industries	1994-95
		Baroda Rayon	1994-95
		ETA Engineering (BDB)	1996-97

## LIST OF DRAWOUT MCCS OF ELECMECH IN VARIOUS PLANTS

CLIENT	YEAR OF SUPPLY	CLIENT	YEAR OF SUPPLY
ETA Engineering (ICICI)	1996-97	Indian Oil Corporation Ltd.	2008-09
Elecon Engineering	1996-97	Magadi Soda	2008-09
Elecon Engineering	1996-97	Nirma Ltd.	2008-09
Dalal Consultant	1996-97	Paramount Ltd.	2008-09
IOCL	1996-97	Pfizer Ltd.	2008-09
Engelhar Highland	1996-97	Rajasthan Polymer	1994-95
Garware Chemical	1996-97	Tolaram (Export)	1994-95
Tata Chemicals Ltd.	1997-98	Gujarat Guardian	1994-95
Reliance Petroleum Ltd.	1997-98	IPCL	1995-96
Supernova Engineers Ltd.	1998-99	Bharat Starch	1995-96
Punj Lloyd Ltd.	1998-99	Gujarat Ambuja Cement	1995-96
Nirma Ltd.	1999-00	GACL	1995-96
Elecon Engineering Co. Ltd.	2006-07	Cadbury India	1995-96
FFE Mineral	2006-07	Turbo Machinery	1996-97
Gujarat Ambuja Cements Ltd.	2006-07	Core Healthcare	1996-97
Nirma Ltd.	2006-07	Reliance Utilities	2008-09
Reliance Ind. Ltd.	2006-07	Saurashtra Chemicals Ltd.	2008-09
Shriram EPC Ltd.	2006-07	Supreme Polymers Ltd.	2008-09
Sunny Elect.	2006-07	Sunny Electricals	2008-09
VA Tech Wabag	2006-07		
Air Liquide Ltd.	2007-08		
BOC India Ltd.	2007-08		
Elecon Engineering Co. Ltd.	2007-08		
Kanoria Chemicals Ltd.	2007-08		
Magadi Soda	2007-08		
Nirma Ltd.	2007-08		
Shriram EPC Ltd.	2007-08		
Thermax Instrument	2007-08		
Ambuja Cements Ltd.	2008-09		
Furnace Fabrica	2008-09		

## LIST OF POWER CONTROL CENTRES (PCCS) OF ELECMECH IN VARIOUS PLANTS

CLIENT	YEAR OF INSTALLATION	CLIENT	YEAR OF INSTALLATION
Shriram Fertilizers & Chemicals Ltd.	1972 - 83 & 1980 - 81	Indian Organic Chemicals Ltd.	1992 - 93
Ceat Tyres of India Ltd.	1980 - 81 & 1984 - 85	S.M.Dyechem	1992 - 93
Tata Chemicals Ltd.	1969 - 70 & 1984 - 85	Dharamsi Morarji Chemicals Ltd.	1992 - 93
Garware Plastic & Polyester Ltd.	1980 - 81 & 1982 - 83	Elecon Eng. Co. Ltd.	1992 - 93
Century Rayon	1978 - 79 & 1983 - 84	Gujarat Alkalies and Chemicals Ltd	1992 - 93
Pfizer Ltd.	1978 - 79 & 1980 - 81	Tata Chemicals Ltd.	1993 - 94
Atul Products Ltd.	1979 - 80 to 1983 - 84	Elecon Eng. Co. Ltd.	1993 - 94
Atic Industries Ltd.	1979 - 80 & 1980 - 81	Gujarat Brosil Ltd.	1993 - 94
Bharat Heavy Electricals Ltd.	1980 - 81	GACL	1995 - 96
Hindustan Ciba - Geigy Ltd.	1979 - 80	Indian Rayon	1995 - 96
Polyolefins Industries Ltd.	1980 - 81	Rama News Print	1995 - 96
Aegis Chemicals Industrial Ltd.	1979 - 80	Gujarat Ambuja Cement	1995 - 96
Hindustan Petroleum Corpn. Ltd.	1982 - 83	Marico	1996 - 97
Asbestos Cement Ltd.	1982 - 83	Arvind Mill Ltd.	1996 - 97
Bharat Bijlee Ltd.	1982 - 83	Envior Control	1996 - 97
Standard Alkali	1983 - 84	Eurotex Industries	1996 - 97
Oil & Natural Gas Commission	1985 - 86	Siemens	1996 - 97
Bharat Petroleum Corporation Ltd.	1986 - 87	Reliance Industries	1996 - 97
Tata Fertilisers Ltd.	1988 - 89	TATA Chemicals	1996 - 97
Hindustan Organic Chemicals Ltd.	1990 - 91	Arvind Mills Ltd.	1997 - 98
Herdillia Polymers Ltd.	1990 - 91	Reliance Industries Ltd.	1997 - 98
Rohit Pulp and Paper Mills Ltd.	1990 - 91	Reliance Petroleum Ltd.	1998 - 99
ABC Industries Ltd.	1992 - 93	TATA Chemicals Ltd.	1999 - 00
Navin Flourine Industries Ltd.	1992 - 93	Supernova Engineers	1999 - 00
		Nirma Ltd.	2006 - 07
		BOC Ind. Ltd.	2007 - 08
		Kanoria Chem. Ltd.	2007 - 08
		Nirma Ltd.	2007 - 08
		Shriram EPC Ltd.	2007 - 08
		ABB Ltd.	2008 - 09
		Pfizer Ltd..	2008 - 09

## LIST OF BUSDUCTS OF ELECMECH IN VARIOUS PLANTS

CLIENT	YEAR OF INSTALLATION	CLIENT	YEAR OF INSTALLATION
Nirma Ltd.	2006-07	Sunny Electricals Ltd.	2008-09
ABB Ltd.	2007-08	Ambuja Cements Ltd.	2008-09
Kanoria Chemicals Ltd.	2007-08	Tecnip	2009-2010
Nirma Ltd.	2007-08	Punj LLOYD	2009-2010
Shriram EPC Ltd.	2007-08	Aditya Birla	2009-2010
Saurashtra Chemicals Ltd.	2008-09	HDOL	2009-2010



# ELECMECH

## SWITCHGEAR & INSTRUMENTATION

### MUMBAI

#### Sales Office

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### AHMEDABAD

#### Works

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### DELHI

#### REGIONAL OFFICE

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