



**Rollsun Marketing**

# *PANELS PROFILE*

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presented by :-

# About us

- *In electrical business we are into panel manufacturing since a decade.*
  - *We are also integrated solutions provider for LK ENA*
  - *We have done automations in multiple fields*
  - *Our company started its journey on June 17 1996*
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- *Rollsun marketing developed its own identity in all over business world due to its Smart dedicated Marketing Skill. Offering a high quality product and good service back up supported by its owned team as well as by parent company.*
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- *Dealing in all over India.*
  - *Providing best technical support at possible strength*

# OUR AIM

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Our aim has always been to remain dedicated towards our work and produce innovative products, that are capable of assisting in the professional growth of our clients in their respective specified field

We endeavour to fulfil all our commitments, be it regarding quality or on time delivery of goods, in order to build a trustworthy professional relationship with all our clients.



# OUR SERVICES

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## **AUTOMATION SOLUTIONs**

- Machine Automation
- Plant Automation
- Process Automation
- DCS solutions



## **CONTROL PANEL MANUFACTURING**

- P.C.C Panels
- M.C.C Panels
- A.P.F.C Panels
- IMMC Panels
- Control Panels
- Complete panels are laser fabricated with 9 Tank Process for panels

# PCC PANELS

## PCC panels

PCC panels, or Power Control Center panels, are electrical panels used to distribute and control electrical power in industrial settings. They act as the main distribution point for power, housing various components like circuit breakers, busbars, and transformers to ensure safe and reliable power supply.

We have made PCC Panels for Shell Indonesia. It was Jv Project with Himak. This panel consisted of nearly 61 breakers with COS bypass arrangement with relays connected with modbus communication (using master-slave arrangement for PLC as we need to verify termination resistance for all modules connected) and connected to DCS arrangement already present at site.

We have also made PCC Panel for Suyog Elements, Palej and Elephant Cement Rai bareli. This PCC Panels were using numerical relays to communicate to SMARTcom SCADA solutions installed at site, which records all fault histories and also provide downtime schedules with breaker maintenance durations to the user in SCADA Popups

# PCC PANEL SHELL INDONESIA



# VISUAL INFORMATION ABOUT OUR ELECTRICAL PRODUCT

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## **CONTROL PANEL**

Control panels are designed and used to control mechanical equipment. Each one is designed for a specific equipment arrangement and includes devices that allow an operator to control specified equipment

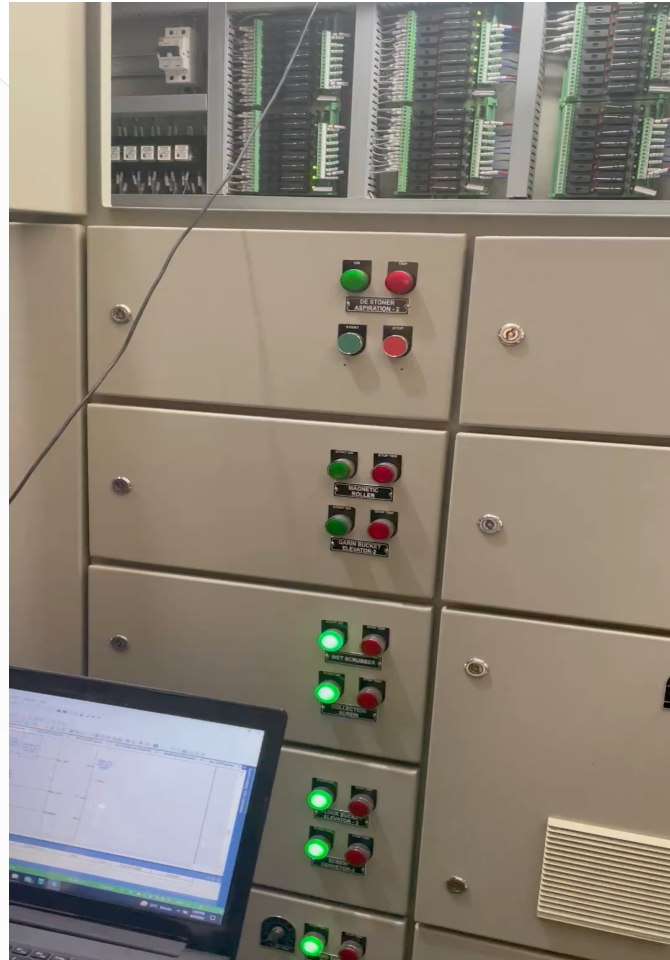
Control Panels we have manufactured for multiple customers

- Applications like water, cement, Flyash, GPCB, Roadcrusher, Pharma, Dyes and chemicals, Distillaries. All this applications were consisting of PLC's and SCADA/HMI. We have done such panels with brands like Scheider, Simens and LK ENA solutions

# CONTROL PANEL



# CONTROL PANEL WITH MCC



# SCADA SYSTEM FOR FLYASH PROJECT

DRI SIDE FLOW	NDRI SIDE FLOW	GEAR OIL FLOW	RAW FEED	TOTAL FEED	COUNTER PV LD	COUNTER PV FB	LOAD CELL TPH	FD BELT TPH	LOADCELL WT	FEEDBELT WT	MAX WEIGHT	MAX TPH
35.3659	39.6341	53.0488	9410.95	32344.6	80724	380351	40.3125	3	30.925	15.7848	28	10

DRYING TPH: **0.773438**

SET TO PLC: **0.773438**

INPUT STATUS:
 

- EMERGENCY NOT PRESSED
- AUTO SWITCH ON
- DC COMPRESSOR SENSOR IS OFF
- VFD 01M HEALTHY
- DCM HEALTHY
- CLASSIFIER POWDER SENSOR OFF
- SILO 02 POWDER SENSOR OFF
- SILO 03 POWDER SENSOR OFF
- AIR PRESSURE IS OK
- OIL TEMPERATURE IS HEALTHY
- OIL TEMPERATURE 102 IS HEALTHY
- WATER TEMPERATURE HEALTHY

DRIVE SIDE FLOW SET POINT: **25**  
 NON DRIVE SIDE FLOW SET POINT: **25**  
 GEAR OIL FLOW SET POINT: **25**

SET TO PLC FLOW: **35.3659** (Drive Side), **51.8293** (Gear Oil), **36.5854** (Non Drive Side)

OIL PUMP 01 | OIL PUMP 02  
 COMBINE OIL PUMP DRIVE SIDE  
 OIL PUMP 03 | OIL PUMP 04  
 COMBINE OIL PUMP NON DRIVE SIDE  
 GEAR OIL PUMP01 | GEAR OIL PUMP02  
 COMBINE GEAR OIL PUMP

MAIN SCREEN  
 GRINDER SCREEN  
 PACKING SCREEN  
 DRYING SCREEN  
 MANUAL SCREEN

# MCC PANEL

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## **MCC PANEL**

MCC Panel: Central Motor Control. MCC, short for Motor Control Centre, serves as a centralized hub for controlling and operating electric motors in industrial settings. This panel ensures safe, efficient and orderly motor control and equipment operation.

We are also providing MCC Panels with VFD and DOL starters with 4b, 3b protection formats with proper shrouding. We are manufacturing this panels since a decade

# MCC PANELS



# IP66 MCC PANEL RITTAL DOUBLE DOOR



# IP66 PANEL DOUBLE DOOR



# APFC PANELS

- ⦿ Automatic Power Factor Control or APFC Panels are mainly used for the improvement of Power Factor. Power Factor is the ratio of active power to apparent power and it is a major component in measuring electrical consumption.
- ⦿ WE ARE MANUFACTURED APFC PANELS UPTO 800 KVAR FOR SUYOG ELEMENTS, 500 KVAR FOR ELEPHANT CEMENT

# VISUAL INFORMATION ABOUT OUR PANEL WORK



**PCC** (Power Control Center)



**MCC**(Motor Control Center)



**VFD panel**(Variable Frequency Drive)



**APFC** (Automatic Power Factor Correction panel)

# FUNCTIONAL AREAS IN BUSINESS

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**Construction**

**Chemical**

**Paper  
industry**

**Pharmaceutical**

**Textile**

**Sugar**

**Rubber**

**Metal**

**Cement**

# OUR CLIENTS

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DYNEMIC PRODUCTS LIMITED



# OUR LEGACY

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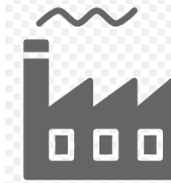
**27+ Years**



**250+ Customers**



**20+ Industries**



**150+ Projects**



# THANK YOU

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## **ADDRESS:-**

### **Office :-**

G-8 Ambica Nagar Society, part-2 , Near  
Narendra Nagar Warasia Ring Road  
Vadodara -390006

### **Workshop :-**

Plot no 78 near by USV pharma and opp. To  
monark engineering manjusua GIDC  
vadodara



## **CONTACT NUMBERS:-**

Rajiv Parikh -9825245148  
Rushit Parikh -9427603727  
Nitin Patel -9427603735  
Jatin Patel -9409306267



## **Email ADDRESS:-**

rollsunbrd2@gmail.com

