

# FARRUKH HUSSAIN.

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Karachi – 75850, Pakistan.

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## PROFILE SUMMARY:

### Career Objective:

To contribute to a progressive organization, by delivering my strong expertise in planning, erection, commissioning & maintenance of Electrical & Electronics system, process & functional domain strengths.

### Additional Skills:

PLC, Micro-controller, Programming languages (Assembly, C, C++ & visual basic), Auto-CAD drawing, Verilog (FPGA), EWB, Or-cad, Instrument, PCB & circuit designs, Matlab-09, M.S office & networking.

## PROFESSIONAL EXPERIENCE:

November 2013 to Today

**Plastiflex Film - Ismail Industries (Pvt.) Ltd. – Gadani Industrial Area Lasbela, Baluchistan.  
Electrical & Instrumentation Engineer.**

### Detail:

The Company deals in manufacturing of BOPP (Bi-axially Oriented Poly-Propylene) Films.

- Job included all the troubleshooting regarding PLC hardware, Networking communication and field instrumentations.
- Monitor breakdowns & perform troubleshooting to locate electrical problems in plant using a variety of electrical and electronics instruments, control systems and testing equipment's.
- Worked on PLC Siemens S5 and S7-300 system and SCADA or DCS systems.
- Worked on ATLAS COPCO air compressor (GA-30).
- Worked on MERO Generators for corona treatment on film for the purpose of printing & metalizing.
- Worked on SIMOREG (Siemens Motor Regulator) microprocessor based DC drive converter and inverters.
- Worked on Recycling machine for the purpose of production and overcome the waste of plant.
- Planned & preventive maintenance & repairs on electrical system.
- General maintenance, troubleshooting, preventive maintenance hydraulic or pneumatic.
- Checking and calibrating instruments to make sure they are accurate.
- Installing & maintenance of hoist crane and also all type of sensors.
- Installation and troubleshooting on electric actuators (Honeywell) for controlling of temperature.
- Installing & troubleshooting of single or three phase AC & DC motors, well aware of STAR DELTA logic circuit and also controlling of Relays & contactors.
- Electrical troubleshooting & maintenance of KONUS KESSEL boiler.
- Relay logic based slitter machine and troubleshooting of electrical, electronic, hydraulic & pneumatic problems of machine.
- Preparation of electrical procedures for installation test & commissioning.
- Reading electrical design specifications and technical drawings.

March 2013 to November 2013

**FND (Pvt.) Ltd. – HVAC Consulting Engineer – Abdullah Haroon Road, Saddar, Karachi.  
Trainee Engineer.**

- Power distribution and generation.
- Lighting distribution.
- Fire & security alarm system.
- CCTV and communication system.
- Electrical safety audit.
- Cabling Structured.
- Building management system and access control.

## ACHIEVEMENTS:

- Up-Gradation work of Integrated Process Control (IPC) System, D.C Drives and A.C Drives of line 1186 MAC, **BRUCKNER SERVTEC GmbH, Germany** from November 05<sup>th</sup>, 2015 to December 10<sup>th</sup>, 2015.
- We were facing problem working with logic cards as they were obsolete. Replacing old logic card system with PLC / controller based technology.
- Repairing of electronic cards, power supply & inverters / drives.
- Calibrating on all level, pressure, flow and temperature controllers like Siemens, Honeywell Fen well.
- Installed & automate of Thickness Gauge Scanner at plant with control parameters for measuring of film thickness in micron for better results.
- Installed of Capacitor Banks at main bus line to maintain P.F of plant load and overcome on excessive amount of current of inductive load & power penalties.
- **Final Year Project:** Automation of “*CNC Milling Machine*” using VB.net and micro-controller.

## PROFESSIONAL QUALIFICATIONS:

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2008 to 2013	Bachelor of Electronic Engineer. Hamdard University, Karachi.
2005 to 2007	Pre-Engineering (Intermediate). S.M Govt. Science College, Karachi.
2004 to 2005	Science (Metric). Dhaka Secondary School, Karachi.

## ADDITION QUALIFICATIONS:

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2- Months 1.5-Months	AVR Microcontroller. Electronics design and development.
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## LANGUAGES:

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English	Speaking, Writing and understanding.
Urdu	Native.

## PERSONAL DETAILS:

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Father Name	Azmat Hussain.
Date of Birth	5 <sup>th</sup> June, 1989
Religion	Islam.
Passport #	DM6900301
Nationality	Pakistan.
PEC Resister #	ELECTRO / 19926
Marital Status	Single.
Skype Id:	Farrukh_1989

**Reference will be furnished on demand.**