



HAMZA IFTIKHAR

Electrical Engineer

Contact



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Rasal khaimah-United Arab Emirates



About Me

A Competent Electronic Engineer with comprehensive knowledge of designing, developing and maintaining electrical and electronic system and component to required specifications, focusing on economy, safety, reliability, quality and sustainability. Also having comprehensive understanding of health safety and environment standard followed by modern industry.



Registered Engineer

Pakistan Engineering Council

Registration Number: Electro / 20938

Society of Engineers, UAE

Affiliated Number: 79481/2025



Education



Bachelor of Science (Electronic Engineering)

International Islamic University, Islamabad

2009 - 2014



HSSC (ICS)

Islamia College, Peshawar

2006 - 2008



SSC (Science)

The Student Model High School, Akora
khattak, KPK - Pakistan

2004 - 2006



Experience 11 year +



Electrical Engineer

Achakzai International Industries FZ. LLC, UAE

2023 - till date

Achakzai international industries FZ LLC is one of leading manufacturer of cigarettes in the region. The company has manufacturing facilities in UAE, and having distribution network around the world.

- Projects management which include execution and closing.
- Arranging required parts for machines.
- Troubleshooting efforts associated with Electrical and control system to avoid production downtime.
- Maintain of making machines PROTOS 2C, 80, 90, DECOUFLE nano 7, Super 9, Packing line machines Focke 550, Focke 350, Focke 349, GD-X3, GDX6P (With Domino printer and Cognex camera inspection system) SASIB and Filter rod machines KDF 6, KDF 2ER & GD DF 6.



Service Engineer

HAUNI Singapore

2016 - 2023

A part of körber Group, Hauni maschinenbau Ag and Hauni network is the world's leading supplier of machinery and solution to the international tobacco industry.

- Installation and commissioning of HAUNI machines.
- Maintenance, Trouble shooting.
- Conversion and inspection.



Application Engineer

WATT N VOLT, Lahore-Pakistan

2017- 2019

A diversified and leading automation and Electrical Engineering company engaged in system integration, Building management system (BMS), Control panels, MCC, Synchronization panels.

- Support to lead Engineer for system integration and application engineering activities.
- Develop detailed design specifications for instruments, HMI, PLC, Control panel.
- Programming with Step 7 SIMATIC MANAGER (Siemens).
- Designing with SIMATIC WinCC Flexible v5.5
- Programming with TIA Portal V12 (Siemens).
- Power Analysis of whole factory using ETAP 12.6v
- Make BOQ for Integration system and electrical panels.
- Participate in Designing & Commissioning of Efficient Load Management System (ELMS) for Unilever Housing Estate Rahim Yar Khan.
- Liaison with end user for system specification and requirements.
- Participate in the internal work process improvement activities to improve the quality of work.
- Design and Manufacturing of different Electrical Panel according to the Client Requirements.
- All other duties assigned by the company.

Personal details

Father name:

Iftikhar Muhammad

Date of Birth:

August 14, 1990

Marital status:

Married

Domicile:

Nowshera, KPK

NIC No.

17201-1585968-7

Passport No.

BH1579683

UAE Driving License No.

license No. 264685

Language:

English

Urdu

Pashtu

Skills

- Project Management Skills
- BOQ against client inquiry
- Industrial Automation and electrification
- Electrical drawing designing
- Critical Thinking
- Leadership



Projects

Projects hand over as a part of HAUNI, Singapore

- KDF2ER Installation and commissioning at JTI, Khartoum – SUDAN.
- Two PROTON 80ER Kritik installation and commissioning at PT adhitama alami & abadi , Malang – Indonesia.
- PROTON 90T Installation and commissioning at KTC, Mardan – Pakistan.
- PROTON 80 PC Box upgradation at PMPKL Sahiwal – Pakistan.
- MIDAS XR Calibration at Walton Tobacco Company Mirpur – Pakistan.
- MK-9 WIN 2 repairing at PMPKL Sahiwal- Pakistan.
- LASER 400S-1 Installation and commissioning at PMPKL Sahiwal – Pakistan.
- PROTON 80 Installation and commissioning at PMPKL Sahiwal – Pakistan.
- KDF 2ER Stiff kit conversion at PMPKL Sahiwal – Pakistan.
- PROTON 80C Installation and commissioning at PMPKL Sahiwal – Pakistan.
- KDF 2ER Installation and commissioning at Universal Tobacco Company, Mardan – Pakistan.
- PROTON 100 MOE installation and commissioning at PTC JF, Pakistan.
- KDF 2ER Spiral Glue Conversion at PTC JF – Pakistan.
- PROTON 100 inspection for MOE Kit at PTC JF – Pakistan.
- HCF 80 Electrical upgradation at PT. Hanjaya Mandala Sampoerna – Indonesia.
- PROTON 80 and PROTON 90ER with LASER 400S-1 and FILTROMATE – E Dismantling at BAT – MALAYSIA.
- PROTON 80 MOE Kit installation and commissioning OJT at HAUNI Malaysia.

Projects hand over as a part of Watt N Volt Unilever Pakistan Limited



Fault Level Analysis of Unilever ICF - January, 2015 to April, 2015

- Study all factory Electrical wiring, CB, Motors.
- Data collection (Breakers, Wires, Motors).
- Short Circuit & Load Flow Analysis.
- Selective Discrimination.
- Using ETAP 12.6v for Analysis.

Cooling Tower automation of Unilever RYK - October, 2015

- Schematic Designing.
- FAT and Commissioning of PLC Control panel.
- PLC and HMI programming for manual and auto modes.
- Configuration of FC302 VFDs for Profibus network.

Philips Morris International, Pakistan



Designing HMI for KDF machine - May, 2015

- Design Siemens HMI KTP1000
- Compare & convert tags and design from Pro-face GC4000 to Siemens KTP1000.
- Runtime test of HMI on machine.
- Using GP-ProEX and WinCC Flexible Software.

Electrical Motor Audit - June, 2015

- Collection of motor data on full load using power meter.
- Suggestion High Efficiency (IE3) Motors.

Humidity and Temperature Monitoring System - September, 2015

- Design Control Panel and BOQ.
- Programming Siemens S7-1200, CPU 1214C DC/DC/RLY.
- Designing Siemens HMI KTP400 Basic mono PN.
- Relative Humidity and Temperature Siemens QFA3171D.



Certificates

Certification of Project management Professional:

SINA Institute of network & aesthetics Islamabad-Pakistan.

Certificate of PCB Designing;

FET (IIUI) on 28th March, 2012

Certificate of MATLAB; Tips & Tricks; FET(IIUI) on 4th October, 2011

Certification of Siemens Automation 20eLearning (SILPP-Z2)



Computer skills

Siemens SIMATIC Manager v5.5, WinCC Flexible, TIA Portal V13 to V18
Twincat 2.0 and 3.0
Microsoft Office, Microsoft Visio, Outlook

Electrical Up-gradation of HAUNI KDF – Dec, 2015 to Jan, 2016
Installation and Commissioning of :

- Power & Control Panel for KDF 2 machine.
- Siemens MM440, MM420, PLC (S7-314C-2PN/DP), HMI (KTP 1000), Servo Motors.
- FestoProfibus Electrical interface CPV10, Filter Regulator LFMA-D-MIDI and Solenoid Valve CPE14.
- Endress+Hauser Level Transmitter Liquicap M, Pressure transducer Cerabar T PMP131.
- Inductive Proximity Sensor SICK M18, M12.
- Data Logic Sensor S7-3-E-P for Counting.
- Pneumatic and Electrical Drawing using AutoCAD 2013.
- To Support the lead engineer in PLC Programming & HMI Designing.
- 2 weak Protocol.

Pakistan Tobacco Company Limited, Pakistan

Electrical Up-gradation of HAUNI PROTOS 80

- Designing of Control and Power Drawing.
- To support the lead engineer in PLC Programming.
- Power & Control Panel for PROTOS 80.
- Siemens PLC S7-400 (CPU 416 2-DP)
- SIMATIC IM-153-1 for ET-200M.
- SIMATIC IPC677D.



Internship

OGDCL Pakistan | April 25, 2014 to May 27, 2014

- Instrumentation.
- Industrial Valves & Sensors.

PTCL, Pakistan | July 17, 2012 to August 30, 2012

- Basic exchange structure.
- Main distribution frame.

