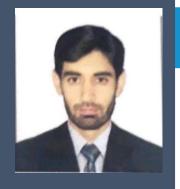


MUHAMMAD ZAIN-UL-ABEDIN

ELECTRICAL ENGINEER
PAKISTAN CIVIL AVIATION AUTHORITY



MUHAMMAD ZAIN-UL-ABEDIN

ELECTRICAL ENGINEER

with teller record of installation, operations and maintenance services. Primarily focused on power systems, automation systems of conveyors, S2S3 X-Ray Machines and networking.

Excellent interpersonal and communication abilities and possess wide range of technical skills. Enjoy being a part of team as well as managing, motivating and training a productive team and thrives in high pressure and challenging working environments.

OVER VIEW OF 10 YEARS FIELD

CONTACT



0302-7276684 0333-6108864



zain.isp786@gmail.com



Main Street, Isb View Colony, Near Masjid Ali Murtaza, Dhok Mustaqim, Dispensry Rawalpindi

Electrical Support Engineer.

Pakistan Civil Aviation Authority

(Sep 2016 ~ Sep 2022)

Islamabad International Airport

MEP Engineer.

Xinjiang Beixin Gammon Pak JV Pvt. Ltd.

(Sep 2015 ~ Sep 2016)

Islamabad International Airport

Computer Lab Incharge.

Institute of Southern Punjab Multan

(Aug 2012 ~ Aug 2015)

Operations and Maintenance of IT and Networking

EXPERTISE WITH 10 YEARS FIELD

Potential of handling installation, operation and maintenance in an effective manner by leading team.

- Assuring and updating all BHS (Bagging Handling System) Operation & Maintenance and equipment functionalities to CAA Islamabad (Civil Aviation authority) with professional reporting.
- Working on Automation, and HMI / SCADA, to manage the operations & maintenance of Baggage conveyors, ATR's, Fire Curtains, Security shutters, Vertical & Horizontal diverters, makeup & reclaim carousels, photo sensors and Xrays system, integrated and associated with BHS.
- Understanding of network configurations in plant containing multiple servers, connected with field devices via fiber optic and Ethernet.
- Knowledge of Standard-2 and Standard-3 SCE equipment, working and calibration levels as per design.
- Installations of following System devices and structural.

Electrical: Switchgears, Motors, Automatic Change-over Switch

(ATS) Drives.

PLC/SCADA: Siemens S7-200, S7-400, Relay Logic, Profinet,

Field Devices: WLAN, MATV, CCTV, RADIO, SMIS, FIDS, MECS, Video wall, Dish

Antennas, cable trays, cable laying, cable dressing, phase

plates, earthling strips and lightening arrestors.

- Inside the Panels: Cable terminations as per PLD's, ABBAF contactors, Phoenix contact relay modules (ELRs) motors drive unit sand voltage protection devices, PLC Modules and other necessary components in RIOs PDPs & MCPs.
- Capable of calibrating ATRAXS cable systems and other load cells.
- Able to work on all documentations regarding IR's, MIR's, DJR's, user manuals preparation and other related to project operations.
- Able to work on ladder logics of PLCs (Siemens 400 sand 200s, Rock well and Fatek) in order to keep the system in automation mode.
- Able to configure motors, drive units with provided parameters in Lenze and Proneta software.
- Excellent capacity of reading and implementing professional diagrams and instructions for electrical panels/construction work or equipment handling.

EDUCATION

BS 2012 ~ 2016

Electrical Engineering.Southern Punjab University
Multan 3.00 CGP

DAE Electrical 2005~2008 Punjab Board of Technical Education Lahore 73%

Matric (Science) 2005 Board of Intermediate & Secondary Education Multan 56%

IT SKILLS

SCADA Operations & Maintenance

Troubleshooting Networking MS OFFICE

PRO FESSION AL EXPERIENCE

Personal Information:

Father Name:Muhammad Zareef Malik

Marital Status:Married

CNIC: 36302-5304196-9

DOB: 28th Aug 1988

LANGUAGES

English Urdu Saraiki Punjabi

HOBBIES

Reading Holy Quran Travelling Music Reading Books

Reference:

Khalid Nawaz Khan. Interface Manager Acrux Technologies Pvt. Ltd. 0333-9991949

Muhammad Zaffar

Project Manager Xinjiang Beixin Gammon Pak JV Pvt. Ltd. Pvt. Ltd. 0300-7370026

Saqib Nazir

Managing Director Institute of Southern Punjab Multan 0345-5566660

Electrical Support Engineer.

Pakistan Civil Aviation Authority c/o Acrux Technologies Pvt. Ltd. (Sep 2016 ~ Sep 2022)
Islamabad International Airport

Plant Operation & Maintenance Phase:

- Performing all BHS airport operations & maintenance at IIAP, as per provided schedule under supervision of Civil Aviation Authority:
- HMI/SCADA Management, in order to verify functionalities of baggage conveyors, ATR's, Fire Curtains, Security shutters, Vertical & horizontal diverters, makeup and reclaim carousels, photo sensors repairs/calibration replacement, and X-rays.
- Manage observations and reporting system of installed equipment i.e. Power & Networking loops, Motors repairing & configurations, Electrical Panels, conveyor belts, rollers & side guards, shaft, barring also repairing/ replacing of internal moving and static parts during Predetermined, Preventive, Corrective, Conditionbased, Predictive and Reactive Maintenance of BHS.

Plant Installation Testing & Commissioning Phase:

- Worked with Acrux Technology during BHS installation, testing & commissioning and SAT phase:
- Performed logical functionality tests on daily basis for SAT and airport operations, as per provided schedule under supervision of LEONARDO (group ITALY).
- Conducted marking of BHS according to drawing and specifications during project installation phase.
- Supervision of mechanical mezzanine structural installation of BHS equipment.
- Suggested mechanical adjustment and proper placement of conveyor system.
- Supervised installation of photo sensors, MCP's, PDP's, and RIO's.
- Calibrated photo sensors and load cells based conveyors as per client's SOP.
- Supervised FR cable, Fiber cable, Profinet, Ethernet, Fiber & Profibus cable laying dressing & terminations, conduct MIR's and IR's of special system devices.
- Coordinating between contractors, clients, & sub-contractors for integration of SMITH Detection and MORPHO X-rays machines, Fire curtains with BHS.
- Verified and rectified power cable terminations in RIO's, MCP's, PDP's, and Operator controllers

MEP Engineer.

Xinjiang Beixin Gammon Pak JV Pvt. Ltd.
Islamabad International Airport

(Sep 2015 ~ Sep 2016)

- Supervised cable pulling activity & installed cable trays at FCR, ATC and RRB.
- Marking, placing and tagging of firefighting points at different locations of ATC, FCR & RR Building & Installations of earthing strips for lightening protection.
- Installation of B2, F1, F2, F3, B14 lights at RRB, FCR and ATC tower.
- Conducted IR's for installed equipment as per documentation approved by CAA.

Computer Lab Incharge.

Institute of Southern Punjab Multan (Aug 2012 ~ Aug 2015) Operations and Maintenance of IT and Networking

- Worked as a computer lab incharge to oversee computer lab operation and maintenance and networking issues.
- Conducted lab classes as per provided schedule.
- Supervised and maintained computer based exams e.g NTS,OTS,ICAP and ACCA exams.
- Troubleshooting and resolving malfunctioning IT Hardware and Software.