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| **PERSONAL INFORMATION** | **Hamayun Khan** |
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| C:\Users\Faisa\Downloads\unnamed.jpg | House No. Dulsco Solutions Blg 1, Al Dhabi Abu Dhabi UAE. |
| +971-552385443 |
| [Hamayunkhankp@gmail.com](mailto:Hamayunkhankp@gmail.com) |
| | Nationality | Pakistani, | Date of Birth | 01 April 1995  **PROFILE SUMMARY:**  A dedicated and highly skilled Electrical Technician with over 8 years of experience in high-capacity industrial systems and aviation ground support infrastructure. Specializing in SCADA system optimization, preventive maintenance, and process automation, I ensure operational safety and peak performance in dynamic airport environments. Proven ability to deliver innovative solutions that minimize downtime, enhance reliability, and adhere to strict aviation standards. |

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| EDUCATION | | | |
| Degree | | Diploma of Associate Engineering (Electrical) (2013-2016) | |
| Institution  Grade | | KP BTE Peshawar, Pakistan.  2nd Division | |
| Degree | | Matriculation in Science (2010-2012) | |
| Institution  Grade | | BISE Malakhand KP Pakistan.  2nd Division | |
| Work Experience | | | |
| Designation | | **Assistant Engineer** (Electrical Technician Reduction Process Control Pot) | |
| Timeline | | Jun - 2023 to Till Date | |
| Organization | | Dulsco Solution LLC Supply Company Altweelah, EGA, Abu Dhabi, UAE. | |
| Job Description | | * Optimized a state-of-the-art potline exceeding 464 KA to achieve peak efficiency and operational reliability. * Executed precise process control measurements, driving continuous improvement and stringent safety enhancements. * Applied advanced fibre lance techniques for accurate temperature and superheat assessments. * Analyzed anode current distribution and voltage drop to enhance overall system performance. * Monitored critical electrical parameters to maintain high-quality standards in a demanding environment. * Measured cathode voltage drop using a voltmeter and cathode surface temperature using thermocouples. * Measured pot flexible voltage drop, raiser voltage drops, and wedge drop. * Measured earth leakage current in the potline. * Measured collector bar and busbar temperatures using an infrared thermometer. * Conducted measurements of pot ore covering thickness and performed pot dressing surveys. * Collected samples of bath, metal, anode covering material, etc. * Measured bath height and metal height. * Measured combined drop, long drop, and short drop. * Performed pot dressing and related activities; entered data into the HMI system. * Safety & Compliance – Followed LOTO procedures and permit systems for work at height, hot work, and confined spaces. | |
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| Designation | | **Assistant Engineer.** | |
| Timeline | | March - 2023 – May - 2023 | |
| Organization | | Dulsco Solution LLC Supply Company Electro-Mas Electrical Systems, DHL Service Point Zayed International Airport Abu Dhabi, UAE. | |
| Job Description | | * **Installation & Commissioning Activities:** * Installed roller conveyor systems. * Hands-on installation of belt conveyors. * Installed motors and performed terminations for conveyors, VSU, merge conveyors, and R-Lift systems. * Installed JB boxes and performed terminations, including passive power distributors and line wheel dividers. * Installed transport conveyors. * Installed various types of push buttons such as ATR, PCT, PMO, PCE, PRI, PMV, etc. * Terminated PDPs and MCPs. * Handled drive motors, belts, bearings, and pulleys in various equipment. * **Safety & Compliance:** * Followed LOTO procedures and permit systems for work at height, hot work, and confined space activities. | |
| Designation | | **Assistant Engineer (** BHS O/M Associate (Electrical**)** | | |
| Timeline | | April-2018 – September-2022 | | |
| Organization | | BHS O/M Associate (Electrical) Pakistan Civil Aviation Authority Islamabad International Airport. | | |
| Job Description | | * Responsible for the operation and maintenance of the Baggage Handling System (BHS), including communication, mechanical, sensory, and feedback systems. * Operated and maintained the complete Baggage Handling System. * Assembled and disassembled conveyor belts, motors, bearings, rollers, etc. * Inspected reclaim and makeup carousels and resolved related issues. * Performed check-in counter inspections and resolved associated issues. * Conducted inspections of all types of electrical panels. * Carried out all types of terminations, including motors, junction boxes (JBs), push buttons, etc. * Troubleshot various operational issues to ensure system reliability and performance. | | |
| Designation | | Specialist Electrical Technician (BHS) | | |
| Timeline | | March - 2016 – February - 2018 | | |
| Organization | | BHS Specialist Electrical Technician AB Engineering Company Islamabad International Airport. | | |
| Job Description | | * Installation of Transport Conveyor. * Installation of Horizontal and Vertical Diverter. * Termination of PDP's, MCP's and motors. * Installation of All Types of Push Buttons like PCT, PMO, PCE, PRI, PMV etc. * Cable Tray Installation and Cable Laying. * Installation of Make-up and Reclaim Carousel. | | |
| Designation | | Trainee Engineer | | |
| Timeline | | August - 2014 – October - 2014 | | |
| Organization | | Hydro Power Station Malakhand, Pakistan | | |
| Job Description | | * Operated generators and turbines, gaining foundational expertise in power systems management. * Monitored feeder readings and SCADA outputs to support stable and reliable power generation. | | |

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| **technical skills** | | | |
|  | | * Advanced Electrical measurements and voltage drop analysis. * SCADA system operation optimization and management. * Installation, maintenance, and troubleshooting. * Preventive maintenance and process automation in high-demand environments. * Strict adherence to aviation and safety infrastructure standards. * Interpreting detailed electrical layout plans and technical documentation. * Effective Cross-functional Communication. * Teamwork. * BHS Installation, Maintenance Fabrication, Welding Conveyor System Testing Safety & Compliance Team Coordination. * Microsoft Office. | |
| **LAnguages** | | | |
| **Interest** | | * English (Limited working proficiency) * Arabic (Limited working proficiency) * Urdu (Native proficiency) * Pashto (Native proficiency) * Exploring new places * Studying electrical machines * Story writing | |
| **References** | | | |
|  | | References upon Request. | |