



FAISAL KARIM



Faisal Karim brings over **13 years** of post-qualification experience with strong dedication and proven expertise in the installation and commissioning of Signalling & APS systems, Power Systems, Traction, Security equipment, and cabling works across Metro, Conventional, High-Speed, and Passenger Railway Projects. He is currently serving as **Deputy Construction Manager** with **Hitachi Rail** on the **Etihad Rail Stage 2 & Passenger Service COSPA** project.

Professional Expertise & Skills

Installation & Commissioning of SIG, Telecommunication, APS, CBTC, Power traction, Security system, RFD system.
Construction Management & Site Executions, Team, Time & Resources Management.
Decision Making, Problem Solving & Organizational Skills.

Occupation Deputy Construction Manager

Dec 2021 – Present

Employer Hitachi Rail STS UAE

Project Etihad Rail Stage 2 & Passenger Service COSPA

Role & Duties Manage & supervise installation/commissioning activities across multiple systems including SIG, TLC, Power, MEP, APS, SEC & RFD. Oversee all construction activities for line-side infrastructure, freight facilities, depots, substations, shelters, and package units. Ensure execution of construction/commissioning works in full compliance with Health & Safety standards and authority regulations. Prepare and submit red-marked drawings and as-built documentation in alignment with project design and technical deliverables. Develop and deliver daily, weekly, and monthly progress reports to the Engineer and Client for effective progress monitoring. Manage engineering disciplines and subsystems (SIG, APS, TLC, Power) to ensure system compatibility and interface integrity. Create detailed roadmaps and strategies to guide installation and commissioning activities in accordance with the project timeline. Support the design and integration of various railway systems, ensuring seamless interfacing and operational functionality. Manage PTW and Track Possession requests, ensuring timely submission and approval from clients and stakeholders. Ensure all non-conformities observed during the commissioning phase are documented in the appropriate tools, with detailed defect descriptions and associated test records.

Occupation Electrical Project Engineer

Dec 2020 - Nov 2021

Employer China Energy HPCC UAE

Project MBR Solar Park Phase IV (750MW CSP+250MW PV Hybrid)

Role & Duties Installation of Switchgear 400KV, 15.75KV, 6.6KV, MV and LV systems, 160MVA HV Tx (400/15.75KV), Siemens SST-700 BH+50 Steam Turbine 108.5 MW, 28MVA MV Tx (15.75/6.9KV), Excitation Tx, MV & LV DBs, Control Cubicles, Normal & Emergency Power DBs, VSDs, VFDs, and MCC Boards. Installation of MCC for Molten Salt (Hot, Cold), Cooling Systems, Steam Reheating, Water & Oil Systems. Submitting RFI, TOP Document, Managing Punchlist works, and Red Markup Drawings.

Occupation Power System Installation Engineer

Nov 2018 - Nov 2020

Employer ALSTOM TRANSPORT UAE

Project Dubai Metro Redline Extension: 15.7 KM Route 2020

Role & Duties Management & Supervision of Viaduct, Stations and Tunnel Activities, Liaise/Interface with other stakeholders. Installation of 33KV Switchgear, LV & Control, Traction System & Hoist System & Transformers. Installation of Signalling, APS, SCADA, ATS, CBTC system equipment. Cable Laying and Cable Terminations of LV, Traction, Control, Power Cables and Earthing (Power & Clean). Megger Test for cables, DC Equipment and VLF Test for MV Cables. Managing Activities in Existing Metro Stations as LPIC under SERCO Operator guidelines.

Occupation	Solar PV Engineer	Aug 2016 - Oct 2018
Employer	Tesla Industries Pakistan	
Project	Renewable Energy	
Role & Duties	Perform site-specific engineering analysis. Evaluation of energy efficiency for solar projects involving residential commercial, or industrial customers. Provide technical direction or support to installation team. Installation of net metering system. Responsible for installation/operational level understanding of Grid, Off Grid and Hybrid PV systems.	
Occupation	Electrical Engineer	Mar 2014 - Jul 2016
Employer	Abdul Aziz Ahmed Al-Fozan and Partner for Trade. & Cont. Co. KSA	
Project	Building Construction (Medical Science College for Girls)	
Role & Duties	Prepare & Modify drawings for LV, MV, Lighting, Power, AC Power, Panel Schedule and SLD technically. Well handling the operation and maintenance for site GENSETs (400/147/110 KVA). Estimates, prepares & assigns the resources such as manpower, materials consumables, equipment & tools. Submits daily reports, ITR, estimates and all monitoring reports on regular basis or as required. Ensures that all the works done are in accordance with the approved construction drawings, contract documents. Worked on 380 KV Substation, Erection of Transformer, 380 KV and 132 KV GIS switchgear. Installation of Grounding, lightning and protection systems.	
Occupation	Shift Engineer	Jan 2013 - Feb 2014
Employer	Davis ENERGEN PVT. LTD. Pakistan	
Project	10.5 MW IPP Power House	
Role & Duties	GE's Jenbacher Type-6 Engine J620 GS, 3360KW. Keep track of all instruments to maintain safe operation. Carry out repairs to plant and equipment during production, effectively and efficiently. Deliver on plant uptime and maintenance KPI's through planned, preventative & predictive maintenance. To ensure power generation as per the target & analyze variance. Supervise instruments & control systems like temperature of engine heads, gass chamber pressure, flow and temperature and temp/pressure in Keep track of performance & efficiency of instruments like RTD, PT100 and Flow Meters. Plant Performance, Energy Management, Availability & Reliability.	
Occupation	Trainee Engineer	Jul 2012 - Dec 2012
Employer	Faisalabad Electric Supply Company FESCO. Pakistan	
Project	132 KV Grid Station 1 Jhang	
Role & Duties	Monitoring & Controlling load sharing between grid stations. Clear understanding of switch gear working. Implementation of preventive & corrective maintenance. Daily reporting and recording of all electrical parameters.	
Education	Bachelor's of Science in Electrical Engineering (2012) Certification: Engineering Project Management (2013)	
Trainings	Quality Up, Energy Management Program, Total Quality Management, NANO Technology, Electrical Heat Tracing Systems	
Computer Skills	Microsoft Office (Word, Excel, Power Point, MS Project), Auto-cad	
Personal Info	UAE Mob: +971-54-7879209 Pak Mob: +92-345-7613662 Email: FAISAL91221@YAHOO.COM Valid UAE driving License	