



Omar S. Habeeballah

Electrical & Control Engineer

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Qualifications Summary

- B.Sc. In Electronic Engineering (Control) with honor degree From Khartoum – Sudan, 2012.
- Graduation Project About: Programmed and Control in Motors Wirelessly (Excellent degree).
- Graduated from: Alneelain University – Sudan, Khartoum.
- PLC APPLICATION TRAINING from JAPANESE JELECOM – Sudan – Dec 2011.
- Supervisory Control and Data Acquisition (SCADA) SYSTEM Diploma from ABDELBARCY CENTER FOR TECHNICAL STUDIES Oct 2012.

Work History

Company	Position	Date	Logo
Aecom	Electrical Engineer	From 11th November 2019 Until now	
<ul style="list-style-type: none"> • Project description: Alula Airport (Taxiway and Aprons expansion) and constructing a new Executive lounge building at Prince Abdulmajeed ben Abdulaziz Airport. Client: Royal Commission of Alula. Contractors: Nesma / SBG • Duties: <ul style="list-style-type: none"> • Ensure the efficiency, quality and performance of the Electrical works to meet project objectives. • Review and closely monitor project schedule and Electrical Systems activities. • Review all EPC Design Contractor's Electrical submissions and formally advise acceptability of details based on an overall knowledge of the services/utilities and the design basis for the Airport Works. 			
Aljazeera Consultants	Electrical Design Engineer	From: 1st June 2019 To 10th November 2019	
<ul style="list-style-type: none"> • Project description: Design of female sport hall (FSH) and kinder garden for MOE/ TBC. • Duties: Implement Electrical design over 500 sites along with bill of quantity for the (FSH) and adapt it within School campus area and Implement Electrical Design of 114 kinder garden along with bill of quantity 			
Bawabat Alomran	Technical Engineer	From: 8th Sep 2018 to 25th June 2019	
<ul style="list-style-type: none"> • Prepare correspondence and documents related to assigned projects and prepare the submittals and Inspect work sites and monitor project budget and schedule, payment, check project plans and prepare shop drawings, also Pricing work for bided projects with all documentation. 			
Kascom Contracting Co.	Consulting Electrical Engineer	From: 17th May 2015 To: 9th Sep 2018	
<ul style="list-style-type: none"> • Project description: Project managing a construction fit-out works for ELM company, located in: ITCC complex KB03. • Duties: Manage, enhance and ensure the efficiency, quality and performance of the Electrical works to meet project objectives, prepare specifications plus test required documents Moreover with taking Inspect and check electrical work systems with documentation and reports, Also Inspection, Testing, follow up the contractors and approvals, change orders and variation orders as well. 			

<p>Engineering Skills</p>	<ul style="list-style-type: none"> ❖ Electrical Design: <ul style="list-style-type: none"> • Carried out design calculations and power distribution for MV/LV including grounding systems, short-circuit, voltage drop, De-rating factors, lighting calculation and BMS. • Selectivity and sizing for circuit breakers and cables according to the standard's (IEC). • Motor starting current calculation and choosing the proper method to starting like (VFD, DOL, soft start, etc....) • Prepare a Single Line Diagram (SLD) including all demand and diversity factors, and also prepare load schedules include balancing between phases with all technical details according to (NEC) or (IEC) standard's. • Studying calculation for Overvoltage protection Operating voltage surges, transient and industrial frequency and selecting (SPD's) according to the standards. • Study and calculate Harmonic measurement in electrical network. • Very skilled using Engineering Software's like (Autocad, dialux, Ecodail, Etabs...Etc.). ❖ Electrical Site Engineering: <ul style="list-style-type: none"> • Monitoring the Electrical works for conformance with the provisions of the contract documents, manufacturer's instructions and the procedures manual. • Reviewing all the Electrical shop drawings, method statements & ITPs and discussing with the team with relevant supporting documents to process for approval or disapproval. • Estimates, prepares and assigns the resources such as manpower, materials, consumables, equipment, tools, etc., required for all electrical and related works prior to execution. • Coordinates with Client / Consultant's representatives for any site instructions and inspection of works. • Submits site daily reports, inspection requests, estimates and all applicable monitoring reports on regular basis or as required. ❖ Other skills: <ul style="list-style-type: none"> • Programming and create projects using Microcontroller & (PIC Microchip, ATmega). • Create and Design, monitoring and controlling systems (SCADA) system by Vijeo Citect Schneider Electric & WinCC Siemens software. • Designing PLC control systems (Allen Bradley, Siemens, and LG). 		
<p>Software skills</p>	<p>Engineering Software</p>		<p>Other Software</p>
	<p>AutoCAD Autodesk</p>		<p>MS project</p> 
	<p>Dialux Evo</p>		<p>Microsoft Excel</p> 
	<p>Ecodail Schneider</p>		<p>Microsoft Word</p> 
	<p>Etap</p>		<p>Step 7</p> 
	<p>Vejio Citect</p>		<p>Revit</p> 
<p>Language</p>	<p>Arabic (Native), English (Excellent)</p>		
<p>Other info.</p>	<p>Driving license, transferable iqama and Saudi council certificate verified.</p>		
<p>Reference</p>	<p>Dr. Aysar Odeh, Project director at AECOM Tel: +966 54 611 3123 Engr. Vivian Archbold, Projects Manager at Kascom, Ireland Tel: +353 87 458 9414 Engr. Majdi Ibraheam Projects Manager at Bawabat alomran CO. Tel: +966 55 2324 537</p>		