**ALAELDEEN**



**ACCOMPLISHED CIVIL DESIGNER AND STRUCTURAL INSPECTOR**

Nearly 7 of dynamic career in Civil Design Management, Inspection, Testing & Quality Control of construction works related with Villas, Buildings, Towers, Marine Service Stations and Roads (Soil, Concrete, Asphalt, Pipeline and Traffic)

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| **Core Competencies*** Civil / Structural Design
* Design Review, 3D Model Review, Constructability Review
* Feasibility Studies, Concept Optimisation, Master Planning
* Quality Assurance & Control
* Project Internal Audit
* In-house & 3rd Party Lab Tests
* Implementation of ISO Standards
* Statistical Analysis & Reporting
* Risk & Safety Management

**Academic Details*** 2015-2017: Masters in Science (Civil Engineering & Construction Management) from Heriot Watt University, Dubai, UAE
* 2005 – 2010: Bachelors in Science (Civil Engineering) from Sudan University of Science and Technology Khartoum, Sudan

***Certificate Courses***:* 2015: Coaching Training Program by Productivity Institute Certify, UAE
* 2015: Accredited Professional by International Productivity Institute Certify, UAE
* E-Trainer & E-commerce Expert
* 2015: Advance English Language from British Council, UAE
* 2013: Primavera P6 from SETS Co. Ltd., Sudan
* 2013: PMP Preparation Course from AXON, Sudan
* 2013: AutoCAD from SETS Co., Sudan
* 2013: ETABS & SAFE Design Programs from SETS Co. Ltd., Sudan
* 2013: Microsoft Office Expert from Sudan University of Science and Technology, Sudan

**Certifications*** Approved by DM as Designer Structural Engineer G+4
* Approved by ADNOC as a Civil Inspector Engineer
* Approved by DM as a Contracting Engineer G+1
 |  | **Profile Summary*** Highly skilled in end-to-end execution of structural design works including preparation of preliminary and detailed engineering designs & drawings for structure as per international codes & standards
* Strong exposure in review & evaluation of designs drawing, shop drawings and as build drawings
* Proven success in delivering projects in compliance with schedule, budget, quality, safety and in conformance with contractual documents
* Expertise in conducting quality audits & inspection, preparing and reviewing project quality plan & quality assurance procedures for civil works andmaintaining quality records
* Comprehensive experience in undertaking audits and performing inspections to identify areas of non-conformance
* A multi-tasker with expertise to work in high pressure environments with strict deadlines and multiple deliverables
* Possess excellent communication, negotiation and analytical skills; exceptionally respectful and appreciative of diverse cultures

**Organisational Experience****Since Aug’2015 – Present: Dorsch Holding G.M.B.H, Abu Dhabi, UAE** **Civil Structural Designer and Inspector - ADNOC Service Stations buildings projects****Projects Under Execution**:Title: Marine Service Stations in Ras Al-Khaimah (Mareed, Ghalilah and Old RAK Marine Service Stations) and Abu Dhabi (Khalifa City and Mukatara SS) and Roads (Soil, Concrete, Asphalt, Pipeline and Traffic) Role: Site structural Inspector & Resident Engineer **Responsibilities**:* Performing conceptual studies and preliminary structural engineering calculations for civil/ structural constructions, buildings, supports, foundations & structural steelwork
* Determining feasibility of designing new structures or modifying existing structures considering costs, space & time limitations
* Preparing project quality plan, quality control procedures, inspection test plans (ITP) as per project requirements and client specifications
* Reviewing & evaluating shop drawings, andproject plan
* Performing pre-inspection to ensure that all installed materials are in conformance to applicable drawings and specifications
* Conducting inspection of raw materials, bought out items and review of Material Test Certificates (MTC) including the specification requirements
* Planning and supervising subcontractor inspection activities and reviews of subcontractor QC performance; preparing final handover dossier and maintaining proper filling system (as per Company procedure) with full traceability for retrieving the document
* Monitoring & reporting on quality status and following up of non-conformance / corrective actions; creating and maintain a culture of QA/QC awareness and effective use of the standards in the project
* Undertaking lab & plant trails and in-house & 3rd party laboratory tests on raw materials; tracking abnormal costs/ wastage
* Identifying & reporting on deviations and triggering change requests
* Controlling project risks and implementing risk management framework
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**Significant Accomplishments:**

* Played a key role in improving quality at site by taking initiatives such as Appling a preventive actions at site
* Reduced material rejection rate by 85% through measures such as 6sima procedures
* Steered the implementation of quality initiatives such as project quality plan that instilled basic quality philosophies of doing things right the first time, resulting in an 95% reduction in company rework cost

**Mohamed Saif AlHamly GCC, Abu Dhabi, UAE Apr’2013 – Aug’2015**

**Projects Engineer**

**Projects Executed**:

Title: Villas and G+10 buildings G+4 with Maintenance and Facility Management

Role: Project Engineer/Site Engineer

**Responsibilities**:

* Led the Inspection Team of 12 no. of members; held weekly meetings with Inspectors and Project Engineer
* Closely tracked QA/QC activities of contractors and maintained records
* Maintained compliance with the contract documents
* Performed audit inspections for conformity to contract documents and contractor submitted plans
* Reviewed engineering studies by applying accepted principles, codes and standards
* Promptly resolved issues & coordinated with Architects & Engineers

**Significant Accomplishments:**

* Reduced cost by 18% through cost saving procedures such as materials planning procedures
* Identified, responded to and evaluated technical issues such as materials delivery delaying

**The Form One Engineering Consultant, Dubai, UAE Oct’2010 – Apr’2013**

**Civil Designer and Inspector**

**Projects Executed**:

Title: Design of Villas, G+4 Buildings and G+12 Towers

Role: Designer and Inspector Consultant

**Responsibilities**:

* Performed review & evaluation of designs drawing, shop drawings and as build drawings
* Inspected and evaluate executed works; guided contractors to complete work within expected time
* Undertook quantity survey for buildings and accordingly planned work
* Created schedule & resource management plans, as per the company PM processes and standards

**Significant Accomplishments:**

* Initiated the timely execution of Elwaha Tower project within budget; implemented cost control strategies such as Cost management plan as well as effective estimates for site infrastructure
* Coordinated for The project management plan according to ensure efficient and timely supply of resources, material, human resources, statutory approvals, and so on
* Implemented the project safety plan with it's all procedures and measurements to insure stable cost and life cycle of project

**Memberships**

* Society of Engineering, UAE
* Sudanese Engineering Council