

ABDELRAHMAN ALSHAER



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uk

PROFESSIONAL SUMMARY

Driven professional with keen eye for detail, aspiring to excel as Structural Inspector. Demonstrates strong analytical skills and effective communication, combined with solid foundation in engineering principles. Committed to ensuring structural integrity and safety, aiming to contribute to high-quality infrastructure projects.

WORK HISTORY

Structural Inspector-Part Time, 02/2023 - current TFL, London

- Conducted comprehensive site surveys for detailed reports and recommendations.
- Contributed to successful building renovations through expert analysis of existing structures.
- Performed in-depth assessments of completed works for final sign-off, safeguarding client satisfaction.
- Mitigated potential hazards by identifying and addressing structural weaknesses during inspections.
- Adhered strictly to industry standards and regulations in all designs and constructions.
- Maintained detailed logs of construction activities for record keeping purposes.
- Dealt with unexpected issues swiftly, minimising delays in project completion.
- Monitored construction progress to ensure completion within set deadlines.
- Established strong relationships with stakeholders through regular updates about project progression and milestones achieved thus far.

Assurance Structural Engineer (Part Time 4 days), 08/2017 - current

British Engineering Services , Harrow, Middlesex

Duty:

- Ensure that safety is always a priority, promote safe working practices, ensure full implementation and compliance with Key Processes and Safety Responsibility Matrix.
- Undertook all activities in strict adherence to relevant statutory Codes, Regulations, Standards, Guidance, and Procedures as set by Network Rail, ensuring the highest levels of compliance, safety, and operational excellence.
- Conducted comprehensive technical report reviews for various rail structures, including bridges, retaining walls, and culverts.

SKILLS

- Rail Structure inspection.
- Site inspections.
- Material behavior.
- Construction site management & Preparation.
- Technical reports
- Autodesk AutoCAD
- Bentley (PLAXIS 2D/3D,STAAD)
- Pro, RAM connection, (OpenFlow storm & sewer)
- CSI(SAP2000,SAFE,ETABS)
- Microsoft Office Suite
- Site Construction Planning & Execution.
- Excellent Communication and Interpersonal Skills.
- Customer Service.
- Working under Time Pressure.
- Risk mitigation.
- Safety awareness.

Ensured thorough examination and analysis to guarantee the integrity, safety, and compliance of rail infrastructure with industry standards and specifications.

- Support Technical Head - Rail in technical and engineering issues.
- Ensure that technical issues and best practice are identified and captured during review / assurance process or report rejections.
- Take responsibility and directly undertake engineering reviews for all structure, material and report types in order to submit examination reports, including risk scoring and recommendations, in accordance with Network Rail contract specification and timescales.
- Take responsibility for my career development and competence progression, and be able to work with minimum supervision when necessary.
- Assist with investigations into any incidents related to structures examination activities and provide technical support and advice relative to these incidents.
- Attend and support technical briefings to the route examination teams.
- Establish and maintain collaborative relationships with Network Rail, in order that their technical requirements are fully understood and implemented.
- Provided guidance and mentorship to junior engineers, aiding in their professional development and technical skill enhancement.
- Participate as an OCDM (On-Call Duty Manager), receiving and responding to calls from Network Rail regarding incidents, including bridge strikes, to ensure rapid response, information gathering, and appropriate action for safety and operational continuity.
- Carry out structural examination such as Tunnels, Bridges, Culverts and Retaining Walls.

Assistant commercial manager (Secondment), 09/2024 - 01/2025
British Engineering Services , London

- Assist in preparation of estimates for works. Input cost and quantity information into estimating systems and produce reports, using cost modelling tools as required.
- Assist in preparation of tender, pricing and contract documentation.
- Carry out cost analysis of accepted tenders.
- Working on claiming all the lost cost (Lost Time Reports -LTRs) from the client and attend meeting in order to approve payment certificates.

Assistant Project Manager, 07/2016 - 04/2017

Al Jaber Group., Riyadh, Saudi Arabia

Project : General Authority of Civil Aviation Tower, GACA Offices, 8 Story project.

- Visited sites to review work progress and drive process improvements.
- Achieved high client satisfaction by sticking to deadlines and providing detailed updates.

- Overseeing subcontractors, foreman and health and safety officers who reporting back to me.
- Calculations of the required materials
- Inspection of all civil works.
- Took fully informed decisions by continuously collaborating with project stakeholders.
- Coordinated subcontractors and labourers to deliver on projects.

Civil Site Engineer, 03/2013 - 06/2016

Al Jaber Group, Abha, South, Saudi Aarabia

Project: Abha International Airport.

This was a mega project approx. 479m \$ its includes(Passenger terminal building , staff accommodations, landscaping and a runway)

- Site preparation, which includes site grading, construction offices layout, logistic warehouse and catering on site (2 Steel Structure), fencing the site, layout mobile units for workers to accommodate 3,000 workers.
- Supervising and inspecting all work within Sector D of the Passenger terminal Building (PTB) before submitting to the consultant engineer , this works includes the distribution of the workers, requesting materials from logistic department, requesting equipment from PMV department, site clearing and preparation excavation, soil compaction and testing, tower crane reinforcement concrete foundation, pile drilling, pile steel cage preparation, testing concrete before pouring, and managing heavy equipment safely on site.
- Tested sites and materials to assess strength and quality.
- Defined engineering problems, collected data, established facts and drew conclusions to solve Technical issues.
- Visited sites to review work progress and drive process improvements.
- Requesting concrete quantity.
- Engaged with public sector and community partners to deliver safe development project, as it was an operational airport I have to implement a strict dust control system.
- Sourcing Contractors to keep up with the demands of the project
- Reviewing drawings.
- Planning for 2-3 Weeks ahead
- Weekly reports to the Project manager.

EDUCATION

Bachelor of Science, Civil Engineering

Sinai University - Egypt

AFFILIATIONS

- Member of the ICE, working towards IENG.
- Network Rail STE2 STE4 and STE6 competence.
- Personal track safety PTS.
- Academically qualified person AQP-CSCS card.

LANGUAGES

Arabic

Native

English

Fluent