

SAMRAN AZIZ S. ALYAMI

Deputy Resident Engineer - MEP Mechanical

PROFESSIONAL SUMMARY

Result-oriented Engineer with 16 years of experience gained by working on Mega infrastructure project 'Riyadh Metro Project - Saudi Arabia', 'Ras Al-Khair Minerals Industrial City- Eastern Province of Saudi Arabia' and 'Manifa oil field - Eastern Province of Saudi Arabia'. Overall experience in Supervision, managing, installation, testing & commissioning of the following fields:

- Drainage and Vent System.
- Compressed Air System.
- Clean Agent (FM-200) System.
- Chilled Water System.
- Building Management System.
- Photovoltaic System.
- Domestic Water Distribution System.
- Fire Suppression System.
- HVAC System.
- Water Treatment System.
- Fire Alarm System.
- Power Distribution System.
- Lighting System.

Assess and verify compliance with approved design drawings, specifications, and applicable codes. Approachable, helpful and supportive team player skilled at formulating and implementing equipment designs, testing and producing specifications, and researching product applications.

WORK HISTORY

02/2023 to Current

Deputy Resident Engineer- MEP Mechanical | Saudi Arabian Parsons Ltd (Riyadh Metro)

- Part of the project management team in the Joint Venture Riyadh Metro Transit Consultants (RMTC), reporting to the Line Manager all aspects of the project relating to building services.
- Demonstrated knowledge of industry standards whilst executing complex designs.
- Ensure compliance with all relevant regulations, codes, and standards governing MEP systems design, installation, and operation.
- Provide technical guidance and expertise in MEP systems design, installation, and operation, resolving complex engineering challenges as they arise.
- Ensure the quality and integrity of MEP designs and installations through thorough reviews, inspections, and testing protocols.
- Management of all commissioning, supervisors and technical leads engineers that belong to T&C team.
- Liaised effectively with contractors, facilitating smooth communication and problem resolution.
- Ensured safety compliance with site inspections and personnel training.
- Facilitated employee development sessions, boosting team morale and performance.

01/2015 to 02/2023

Engineer- MEP Mechanical | Saudi Arabian Parsons Ltd (Riyadh Metro)

- Reporting to Resident Engineer of technical aspects of MEP services that may affect construction progress.
- Conducted regular site visits to oversee construction process and progress.
- Minimized safety risks with thorough inspections and maintenance schedules.
- Part of team meetings, fostering effective communication amongst team.
- Oversaw installation, testing and commissioning of engineering systems to meet performance and safety requirements.
- Ensured compliance with all health and safety measures.
- Collaborated with cross-functional teams, integrating engineering expertise with other areas of knowledge to achieve common goals.

YEARS OF EXPERIENCE

Total: 16

With Parsons: 10

KEY SKILL

- Deputy Resident Engineer- Mechanical.
- Deputy Resident Engineer- MEP
- Assistant Resident Engineer- Mechanical
- Senior Mechanical Engineer.

SKILLS

- Security Awareness
- Proactive Approach
- Data Privacy Awareness
- Testing & Commissioning
- Oracle Primavera.
- Oracle-Aconex.

LANGUAGES

- Fluent in Arabic.
- Fluent in English.

NATIONALITY

Saudi

CONTACT

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Achievements:

- Riyadh Metro is a mega project being built in the capital of the Kingdom of Saudi Arabia. It comprises a network length of 176.5km, 85 transit stations and 7 rail depots.
- Management of MEP systems (Total 201 system) installation, testing & commissioning (8000+ inspection test reports) For South Depot which is the largest Depot in Riyadh Metro (Total of 13 Buildings).

12/2008 to 03/2014**Mechanical Engineer | Mohammad Al-Mojil Group (MMG)**

- Report and update project manager of all on-going and planned mechanical activities at site.
- Developed innovative solutions by identifying and resolving complex mechanical issues.
- Prepare and review engineering plans, Material take-off, technical site inquiries, Equipment and materials submittals and specifications.
- Oversee following Mechanical activities and ensuring it conforms to Saudi Aramco and other international standards.
- Executed proactive machine inspections maintaining high standard of workplace health and safety.
- Installation of underground utilities, fire protection system & domestic water piping.

Projects:

- Ammonia Plant- Ras Al-Keer.
- Manifa oil field.
- Aramco Residential and Industrial Complex Facility Expansion- Shaybah

EDUCATION

Bachelor in Applied Mechanical Engineering, King Fahd University of Petroleum & Minerals, Dhahran, Saudi Arabia. (Graduated in June. 2008).

CERTIFICATIONS AND AWARDS

- Certified Professional Mechanical Engineer from Saudi Council of engineers.
- Completed the OSHA 1926 30-hour construction industry safety-training course on 14 MAY 2018.
- Awarded with the safe team of the quarter award 2017.

REFERENCES

References available upon request.