

Abdul Waheed Alvi

Senior Mechanical Engineer | PMC & MEP Consultant

Location: Riyadh, Saudi Arabia

Delivering Quality, Compliance, and Engineering Excellence Across Major Projects.

Profile

Senior Mechanical Engineer focused on mechanical and plumbing systems, consultant-side and PMC delivery, technical submittal reviews, site supervision, construction quality, BIM coordination, and data center infrastructure.

This profile document has been generated from the supplied website brief. Verified employment dates, employer names, direct contact details, credential links, and a professional photograph should be added before external distribution.

Selected project contexts

- **ROSHN Sedra — Riyadh:** Residential community development context covering mechanical works supervision, technical submittal reviews, inspections, and project closeout.
- **G10 Villas:** Mechanical and plumbing inspections, WIR / MAR / MIR tracking, drawing coordination, and construction quality monitoring.
- **Data Center Projects:** Mechanical systems coordination, cooling infrastructure, as-built drawing reviews, and technical compliance.

Technical expertise

Mechanical and plumbing systems; MEP construction supervision; PMC and consultant-side project management; technical submittal and shop drawing reviews; QA/QC documentation including WIR, MIR, MAR, NCR, and ITP; BIM and multidisciplinary coordination; testing, commissioning, and project closeout; data center cooling and mechanical infrastructure; technical reporting and digital dashboards.

Applicable reference frameworks include ASHRAE, IPC, NFPA, SBC, and relevant project specifications.

Experience metrics

- 200+ submittals reviewed
- 50+ Material Approval Requests (MARs)
- 100+ Material Inspection Requests (MIRs)
- 1,000+ Work Inspection Requests (WIRs)

These are personal experience metrics supplied for the portfolio and are not presented as company-wide or project-wide totals.

Credentials supplied

- Project Management Professional (PMP)
- ISO 14001:2026 — Environmental Management Systems

Credential links and certificate images are intentionally omitted until verified assets are supplied.