

# ABRAR AHMED

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Riyadh, Saudi Arabia

## Professional Summary

Skilled and results-oriented Mechanical Draftsman with over 5+ years of experience in preparing high-quality MEP drawings, including Shop, IFC, & As-build Drawings. Proficient in AutoCAD, Revit, and MEP coordination tools, with strong expertise in quantity take-offs, site verification, and multidisciplinary collaboration. Known for maintaining accuracy, meeting deadlines, and supporting smooth project execution in compliance with Saudi standards.

## Education

Diploma in AutoCAD (Mechanical) – Industrial Training Institute, India

Bachelor of Science (B.sc.) India

## Projects

Al-Ahsa, Al Wurood Riyadh, Saudi Arabia

### Role: Mechanical Draftsman

- Supported the delivery of one of Riyadh's flagship urban projects by developing precise mechanical design drawings and detailed layouts.
- Translated engineering concepts into clear, accurate, and code-compliant technical documentation.
- Prepared coordinated HVAC, plumbing, and firefighting system drawings aligned with project standards and specifications.
- Worked closely with multidisciplinary teams to ensure design integrity and seamless coordination across trades.
- Assisted in resolving technical discrepancies and implementing on-site design updates promptly.
- Maintained meticulous documentation and ensured revisions were properly tracked for quality assurance.
- Contributed to achieving design excellence and meeting consultant expectations through attention to detail and proactive communication.

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Rawa Mosque Riyadh Saudi Arabia

### Role: Mechanical Draftsman

- Delivered end-to-end drafting support across multiple entertainment and malls projects, transforming design inputs into fully developed MEP shop drawings.
- Focused on optimizing layout efficiency and ensuring compliance with both project specifications and safety codes.
- Collaborated with design and site teams to adapt drawings for real-world installation and resolve coordination challenges.

- Produced comprehensive HVAC, plumbing, and firefighting plans, emphasizing constructability and accuracy.
- Played a key part in document management, ensuring all versions and revisions were well-organized and accessible for project teams.
- Provided timely technical adjustments and clarifications to facilitate uninterrupted site progress.

## Skills

- **Software:** AutoCAD, Revit, MS Office
- **Technical:** MEP Drafting coordination, Quantity take-offs, As-built and Shop Drawings
- **Professional:** Problem Solving, Attention to Detail, Quick Learner of New Tools and Standards

## Professional Experience

Technical Dimension Co.

Riyadh, Saudi Arabia

### Mechanical Draftsman | March 2025 – Present

- Developed accurate 2D MEP layouts for HVAC, Plumbing, Firefighting, and Electrical systems in compliance with project specifications and standards.
- Prepare a full range of technical drawings, including Shop, IFC, RCP, Condition, Red Line, and Riser drawings.
- Verify field installations through site inspections, updating drawings to reflect as-built conditions accurately.
- Perform detailed quantity take-offs to support estimation and material planning.
- Work closely with multidisciplinary teams to identify and eliminate coordination issues, ensuring smooth project execution and delivery.

Craft Structure Co.

Riyadh, Saudi Arabia

### Mechanical Draftsman | January 2024 – February 2025

- Produced and revised mechanical Shop and As-Built drawings for HVAC, plumbing, and firefighting systems.
- Supported design coordination between consultants and site engineers to maintain drawing consistency with project progress.
- Assisted with design updates and technical clarifications based on site feedback.
- Managed drawing control systems to ensure all revisions were properly documented and traceable.
- Provided accurate material take-offs and contributed to streamlining mechanical workflow efficiency.

Abdullah Bin Taleb Co.

Riyadh, Saudi Arabia

### Mechanical Draftsman | April 2022 – December 2023

- Prepared coordinated MEP drawings integrating HVAC, plumbing, firefighting, and electrical layouts for various commercial and residential projects.
- Generated Red Line, Riser, and As-Built documentation to meet consultant and client approval standards.
- Conducted site assessments to validate installation accuracy and identify required design modifications.

- Collaborated with engineers to optimize system layouts for better space utilization and installation

## Hashmi Construction

### Mechanical Draftsman | October 2018 – November 2021

- Drafted and detailed HVAC, plumbing, and firefighting system drawings compliant with project specifications and codes.
- Assisted in converting design concepts into approved Shop and IFC drawings under engineering supervision.
- Coordinated with project engineers to resolve technical discrepancies during the design and installation phases.
- Supported the preparation of documentation packages for consultant reviews and approvals.
- Contributed to maintaining schedule adherence by ensuring all mechanical drawings were issued accurately and on time.

## Personal Details

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- Iqama Status: Transferable