

RESUME

MOHAMMAD ZAKIUDDIN

Sr.Mechanical Draftsman

Phone number: +966539175923

Email: zaki_md1@yahoo.com

Address: Riyadh



🌐 **LinkedIn: [linkedin.com/in/mohammad-zakiuddin-abb1b251](https://www.linkedin.com/in/mohammad-zakiuddin-abb1b251)**

PROFESSIONAL SUMMARY

Experienced **Mechanical Draftsman and MEP Coordinator** with over **All 13 years** of Gulf-based experience in the Construction of **High-Rise Residential towers and hospital buildings**. Proven expertise in preparing detailed mechanical designs, MEP coordination, and ensuring seamless integration of HVAC, plumbing, fire protection, and other mechanical systems. Adept at managing complex construction projects, collaborating with multidisciplinary teams, and ensuring adherence to quality standards and timelines.

SKILLS:

- Able to turn plans and ideas into technical drawings of buildings, tools, and systems.
- Detail oriented.
- Interpersonal skills.
- Technical skills
- Time-management skills. Collaborative Teamwork Abilities
- Technical Drawing Proficiency
- Design & Drafting
- Isometric drawing
- Multitasking Ability
- Using McQuay software create duct size.
- Able to work within strict deadlines.

WORK EXPERIENCE:

Mechanical Draftsman

ABV ROCK GROUP LTD.

Sep 2018 to Present

Security Force Medical center (SFMC) Project Riyadh & Jeddah Saudi Arabia.

JOB DESCRIPTION

- Preparation of **Mechanical shop drawings** such as **HVAC Ducting System**, chilled water piping system, Fire Fighting System, Drainage System and Water Supply Systems, Builders work and **Mechanical coordination drawing**, Section and detail, **as built drawing** including layout, section Details and schematic Diagram, using specifications, IFC Drawings and additional data from **engineering team**.
- Proficient in duct sizing, selection of air louvers and diffusers, plenum design, support spacing, and piping, with minimal supervision from engineers
- Preparation of Mechanical Chilled water Pump Room & Heat Exchanger layout using Approved Material submittal for Actual views Actual dimension, Maintenance requirement and Plinth sizes,
- Duct connectivity and pipe connectivity coordination including valve assembly.
- Preparation the Plant Room Layout & Providing Sectional Details.
- Preparing Builders Work Drawings for MEP Services.
- Experienced in preparing quantity take-offs for mechanical, plumbing, and firefighting systems.
- Producing MEP Coordination Drawings.
- Designing the Ductwork by maintaining the **desirable Aspect ratio**.
- Creating Shaft Coordination Drawings for MEP Services.
- Coordinate between Hvac system layout and other services (chilled water, firefighting layout, water supply layout, Drainage layout and All Electrical Services.
- Collect initial drawings, calculations Reports and design basis from engineers, and use all relevant data to make Coherent and complete design or shop drawing for approvals.
- Preparation of as built drawing as per site markup and Takeoff quantity material all Mechanical services.
- Preparation of single line riser drawing after approved shop drawing.
- Drafting the routing of pipe as per the NFPA – 13, Mention the pipe sizes in the drawing based on the sprinklers, Place the fire hose cabinet by logically.

- Designing the installation detail drawing of sanitary fixture & water tank
- Based on the Architecture drawing Design the entire drainage system along with the invert level.
- Based on sanitary fixture and mixer outlets, drafting the water supply system, drafting the piping layouts according To the IPC standard.

WORKED EXPERIENCE:

**Mechanical Draftsman (Mep coordinator Draftsman)
SAUDI BINLADIN GROUP (P.B.A.D)**

Sep 2010 to Nov 2015

K.A.F.D Project Riyadh SAUDI ARABIA

JOB DESCRIPTION:

- Preparation of Mechanical shop drawings of HVAC Ducting System, chilled water piping system, Fire Fighting System, Drainage System and Water Supply Systems, Builders work, as built drawing including layout, sectional Details and schematic diagram.
- Proficient in duct sizing, selection of air louvers and diffusers, plenum design, support spacing, and piping, with minimal supervision from engineers
- Preparation of mechanical Room layout using approved material submittal for Actual views Actual dimension, maintenance requirement and Plinth sizes,
- Duct connectivity and pipe connectivity coordination including valve assembly.
- Coordinate between Hvac system layout and other services (chilled water, firefighting layout, water supply layout, drainage layout and all electrical services)
- Collect initial drawings, calculations Reports and design basis from engineers, and use all relevant data to make Coherent and complete design or shop drawing for approvals.

WORKED EXPERIENCE:

Mechanical Draftsman

Dulb trading & contracting co, Riyadh KSA.

April 2008 to June 2010

JOB DESCRIPTION

- Preparation of Mechanical shop drawings of HVAC Ducting System, chilled water piping system, Fire Fighting System, Drainage System and Water Supply Systems, Builders work, as built drawing including layout, sectional Details and schematic diagram.

Education qualification:

- **Bachelor** of Science from Osmania University 2004 to 2007

Technical qualification:

- **Diploma in AutoCAD** from Datar Institute (Hyd.)
- **3Ds max** from Best Software (Hyd.)
- **Revit 2024**

LANGUAGES:

- English
- Arabic
- Urdu

Personal profile:

Passport Number : P5751360
Nationality : Indian
Iqama status : (2453659266) Transferable,
Marital Status : Married

Yours sincerely,

MOHAMMAD ZAKI UDDI.