

ABDUR RAB

SENIOR MECHANICAL ENGINEER

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PROFESSIONAL SUMMARY

Results-oriented and highly motivated Mechanical Engineer with over twelve years of diverse experience as Technical Material Engineer, Procurement Engineer, MEP coordinator, Mechanical Project Engineer and QA/QC Engineer. With engineering/ technical exposure in MEP construction field, acquired experience in technical material management, procurement, material approvals, material inspections, work installation, snagging, testing commissioning works of 5 Star Hotels, Hospitals, Commercial and Residential high-rise towers. Clear communicator, both oral and written, Interpersonal skills interface effectively with coworkers, management, client, and suppliers. Excel in unpredictable and hectic environments. Here are some major skills I possess:

- *Technical Material Approvals*
- *Procurement*
- *MEP Coordinator*
- *MEP Project Management*
- *Implementation of Safety Procedures*
- *Quality Assurance Management*
- *Workflow Management*
- *Proficient in Software (SAP / MS office)*
- *Testing and Commissioning*
- *Client-Contractor-Consultant Coordination*
- *Strong knowledge in HVAC, Plumbing*

ORGANIZATIONAL EXPERIENCE

SHAPOORJI PALLONJI MIDEAST LLC,

Senior MEP Technical Material Engineer

KING ABDULLAH FINANCIAL DISTRICT
PARCELS / TOWERS: 1.09, 1.10, 1.11, 1.14 & 1.15
RIYADH (JAN 2020 – PRESENT)



SAUDI ARABIAN CONSTRUCTION COMPANY,

Senior Mechanical Engineer

DOUBLE TREE BY HILTON, THE ADDRESS HOTEL
JABAL AL OMAR DEVELOPMENT PROJECT, PHASE – III
MAKKAH (DEC 2014 – JAN 2020)



APEX FIRST TECHNOLOGY SERVICES,

Lead Mechanical Engineer

ANJUM HOTEL,
JABAL AL KABAHA PROJECT, PHASE – I MAKKAH
(OCT 2012 to DEC 2014)



ADVANCED VISION COMPANY,

Mechanical Engineer

KING KHALED HOSPITAL,
KING SAUD BIN ABDUL AZIZ UNIVERSITY FOR HEALTH SCIENCES,
JEDDAH (JUNE 2010 to OCT 2012)



QUALIFICATION

Master's in Business Administration (MBA): Project Management and Total Quality Management; Indian Institute of Project Management, Mumbai (2016)

Bachelor of Technology (B-Tech): Mechanical Engineer, Jawaharlal Nehru Technological University, Hyderabad (2009)

ORGANIZATIONAL EXPERIENCE

SHAPOORJI PALLONJI MIDEAST LLC. (www.shapoorjipallonji.com)
RIYADH (JAN 2020 - PRESENT)



Client: King Abdullah Financial District (KAJD)

Project Management Consultants: Jones Lang LaSalle (JLL)

Supervision Consultant: Atkins Global

Project Phase: Parcels 1.09, 1.10, 1.11, 1.14 & 1.15

Main Contractor: Shapoorji Pallonji Mideast LLC.

Scope of Project

Area: 10,00,000 square meters

Budget: \$260 million (1 Billion SAR)

Description: The construction of King Abdullah Financial District involves many high rise towers, I was working for Area 01, which included five high rise towers, named as Parcels 1.09, 1.10, 1.11, 1.14 & 1.15. These towers are majorly built for having a financial district in one location. The towers included 5-star official towers, with a total construction of 200 floors, each tower connected with a interlink, having a commercial center/podium and multiple parking levels.

Senior MEP Technical Material Engineer

Job Roles and Learning's

- Knowledge in analyzing materials required on site in coordination with shop drawings, design drawings, riser drawings and single line diagrams for Electrical, Plumbing, HVAC, Firefighting, and all systems. Ability to understand the BOQ and estimation and extract the actual requirements based on site conditions / requirements.
- Coordinating with the suppliers and taking quotations for each material / equipment.
- Considering clients recommended manufacturers / suppliers and preparing the comparison sheets. Preparing the rate build up on variation orders.
- Coordinating for the preparations of Purchase requests and Purchase Orders.
- Segregating long lead, short lead, consumables, miscellaneous items/equipment's for procurement and following the KPI to fulfill the client's requirement.
- Material planning according to the site requirement, coordination with project team, making planning timely and effectively and having well experience in SAP / MS office.
- Playing major role in finalizing the major ELV systems like Fire Alarm System, CCTV system, Public Address System, Access Control System, Lighting Control System, etc.
- Playing major role in finalization of mechanical systems like Chemical Dosing System, Grey Water System, Chilled Water System, Plumbing System, FCU, FAHU, AHU, etc.
- Maintain the Material Submission log, procurement log, PR log, PO log, payment status log, delivery log to track the progress and coordinate with Planning team to update in Primavera.
- Attending and leading the procurement meetings with supervising consultant and the client and making sure to convince them for material delivery progress.

SAUDI ARABIAN CONSTRUCTION COMPANY (www.accsal.com)
MAKKAH (DEC 2014 – JAN 2020)



Client: Jabal Omar Development Company

Supervision Consultant: Engineering Consultant Group (ECG)

Hotels: Double Tree by Hilton & The Address Hotel

Project Phase: Jabal Omar Development Project - Phase – 3

Main Contractor: Saudi Arabian Construction Company

Scope of Project

Area: 400,000 square meters

Budget: \$720 million (2.7 Billion SAR)

Description: Jabal Omar Phase – 3 involves the construction of four hotel towers and two Podiums with a total built up area of 400,000 square meters. The towers include two 5 stars for The Address Hotels consisting of 42 floors with a room capacity of 1560 rooms connected by a bridge and a tunnel, with a commercial center/podium of 11 floors and 4 levels of car parking. The two 5-star hotels are also equipped by helipad. The two 4-star Double Tree by Hilton hotels are of 33 floors with a room capacity of 700 rooms, with a commercial center/podium of 11 floors and 4 levels of car parking.

Senior Mechanical Engineer

Job Roles and Learning's

- Ensure all the necessary quality records, acceptance certificates, mechanical completion certificates and all the documentation for specific system, buildings, and zones are prepared and identified in accordance with the project requirements and client.
- Coordinate with the planning department and the scheduling department to ensure milestone dates are identified and achieved.
- Coordinate and supervise nominated sub-contractors/supplier in implementing the work by reviewing and approving the Quality Control Plan (QCP), Inspection and Test Plan (ITP), Material Approval Request (MAR), Work Break-Down Schedule (WBS) to attain the target schedule.
- Prepare MST and its compliance statement and submit for the consultant's approval for each activity. Prepare and perform the Mechanical WIR as per the installation progress on site and testing commissioning WIR as per the schedule.
- Coordinate with the site engineers and follow all the installation activities with the engineers and sub-contractors to make sure the inspections are raised and performed as per the schedule.
- Prepare and raise the MIR as per approved MAR attaching all the required documents and technical data sheets and coordinate with the site team along with maintaining the traceability of materials.
- Witness final pressure tests, gravity tests including the verification of pressure gauges having adequate dial range and calibrated pressure relieve valve.
- Witness air balancing for HVAC system, water balancing for chilled water system for testing and commissioning along with the third party approved supplier.
- Coordinate with electrical, mechanical, and civil construction team for the installation activities on site.
- Provide MEP Clearance to civil construction team before they proceed with their work.
- Perform NCR closing out meetings in coordination with all other trades and management; helping to improve the quality of work in accordance to the approved standards. Prepare Corrective action, Preventive action and close out of all the Mechanical NCR's.
- Coordinate with the site construction managers and quality manager on all site issues and attend the QA/QC and commissioning weekly meetings.

**APEX FIRST TECHNOLOGY SERVICES (www.atssal.com)
MAKKAH (OCT 2012 to DEC 2014)**



Project Name: Jabal Al- Kabah Project
Hotel: Anjum Hotels
Supervision Consultant: Dar Al-Handasah
Client: Abdul Lateef Jamel Real Estate Investment Co. Ltd
Project Phase: Jabal Al-Kabah Phase – 1
Main Contractor: Apex First Technology Services

Scope of Project

Area: 250,000 square meters

Budget: \$320 million (1.2 Billion SAR)

Description: The construction of Anjum Hotel in Jabal Al Kabah project involves the construction of two adjacent 5 star hotel towers with a total built up area of 250,000 square meters. The Towers includes a total construction of 33 floors, with a commercial center of 4 floors and 4 levels of car parking. The total room capacity of the hotel is 1780 rooms.

Lead Mechanical Engineer

Job Roles and Learning's

- Prepare and perform internal site inspections for mechanical installations and report to concern site engineers for rectification of works before inviting the supervising consultant for inspection.
- Review and perform internal material inspections for mechanical installations as per approved MAR and specifications and raise inspection (MIR) to invite the supervising consultant.
- Review IFC drawings and perform site visits to make sure proper implementation of work is executed and review the shop drawings after the work execution is completed.
- Prepare all necessary documents, approved shop drawings prior to inspection with the client representative.
- Prepare logs on excel sheet for WIR, MIR, MAR, NCR, and all logs related to MEP activities.
- Prepare and submit monthly report to higher management related work rejection rate, material rejections, non-conformance report.
- Prepare and review the documents for Inspection and Test Plan, Construction Quality Procedure and Method of Statement.

**ADVANCED VISION COMPANY (www.visionem.net)
JEDDAH (JUNE 2010 to SEPT 2012)**



Project Name: King Saud Abdul Aziz University For Health Sciences
Supervision Consultant: Dar Al-Handasah
Client: Saudi National Guard
Subsidiary: Construction Products Holding Company (CPC)
Main Contractor: Saudi Binladen Group

Mechanical Engineer

Job Roles and Learning's

- Coordinate between the main contractor (Saudi Binladen Group - SBG) and the supervising consultant (Dar Al Handasa).
- Ensure the implementation of quality procedures and safety programs as per the client

- requirements on site.
- Raise WIR, MIR as per the site engineer request and coordinate with SBG to invite the consultant for inspection.
 - Prepare all the documents for the work inspection as per the consultant's requirements.
 - Prepare daily work schedule and the work inspection progress report for the inspections performed on daily basis and report to Quality Manager.
 - Review all the materials received on site as per the technical data sheet, approval of MAR and quality plan.
 - Responsible for the overall implementation of Quality control system related to mechanical works in accordance with the project specifications and engineering standards.

PERSONAL PROFILE

Ambitious and energetic composed under pressure and get along very well with people at all levels. Possess excellent correspondence & communication skills. I come across as a confident person, friendly natured, self-Motivated, possess leadership qualities, extremely patient and good organizing skills.

Date of Birth: 14 April 1987

Marital Status: Married

Nationality: Indian

Saudi Iqama Status: Valid and Transferrable

Profession in Iqama: General Mechanical Engineer

Driver's License: Valid Driver's License of Saudi Arabia