

ABDELRAHMAN GHONEIM

SENIOR MECHANICAL ENGINEER

MECHANICAL ENGINEER WITH UAE EXPERIENCED PROFESSIONAL FOCUSED ON MECHANICAL SERVICES (HVAC, PLUMBING, FIRE FIGHTING AND LPG SYSTEMS) IN MEP DIVISION

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OBJECTIVE

Seeking challenging and rewarding position Senior Mechanical Engineer in MEP department and related functions across multinational or local contracting / consulting organization, demanding high standards of quality with more than nine (9+) years of diversified experience and strong record of leadership, combining broad exposure in HVAC , Firefighting , plumbing and LPG systems design, installation and supervision , in order to providing opportunities to amalgamate my personal enrichment with professional goals.

ACADEMICS / QUALIFICATIONS

Bachelor's Degree in Mechanical Engineering , Alexandria University – Egypt , 2011

GRADUATION PROJECT:

- Design of Central Air Conditioning Chilled Water system for Swimming Pool, Volley and Ice Rank stadiums with excellent grade

ACHIEVEMENTS :

- Certified from DUBAI CIVIL DEFENSE
- Certified from SHARJAH CIVIL DEFENSE

CAREER TIMELINE

2018 Till PRESENT	SENIOR MECHANICAL ENGINEER	THE ARAB CONTRACTORS - DUBAI	UAE
2016 TO 2018	MECHANICAL ENGINEER - SITE EXECUTIVE	HATEEN GROUPS OF COMPANIES	UAE
2014 TO 2016	MECHANICAL ENGINEER - TECHNICAL OFFICE	AL NAWRAS SAFETY & SECURITY SYSTEMS CONT. CO.	UAE
2012 TO 2014	MECHANICAL ENGINEER - SUPERVISION SECTION	NEW LINES GROUP ENGINEERING CONSULTATION	EGYPT

AREA OF EXCELLENCE

- Cost Estimation
- Establish design philosophy
- Proposed value engineering with low cost
- Manage material submission
- Perform/review mechanical calculations.
- Quality Assurance
- Follow up Shop drawing Approved log sheet
- Monitor Material Approved log sheet
- Perform a Non-compliance Report (NCR)
- Extract discrepancies from Consultant documents
- Generate Material Approval Request (MAR)
- Ensure that Health & Safety is embedded
- Comply With Quality Control Procedure (QCP)
- Verify with Independent Testing Laboratory (ITL)
- In line with the baseline program
- Conducts site inspections
- Review Mechanical services Design
- Deal with subcontractors

KEY COMPETENCIES

- Review Mechanical services shop drawings
- Generate Request For Information (RFI)
- Estimate Material Take-Off (MTO)
- Submit notification of variation orders (VO)
- Perform a Site Observation Report (SOR)
- Review builder work drawings
- Testing and commissioning Supervision
- Overseeing Inspection & Test Plan (ITP)
- Coordination with civil disciplines
- Review as built drawings
- Review MEP Coordination drawings
- Prepare Method Statement (MS)
- Review Technical submittal (TS)
- Estimate in details Variation Orders (VO) break down
- Closely monitor site activities
- Release Inspection Request (IR)
- Review Material Compliance statement
- Mechanical Equipment selection
- Proposed Recovery program
- Handing over to Local authorities

IT SKILLS

- AUTO-CAD
- ELITE SOFTWARE
- MS OFFICE
- DUCT SIZER
- HOURLY ANALYSIS PROGRAM (HAP)
- ASHRAE DUCT FITTING DATA BASE
- PSYCHROMETRIC ANALYSIS CD
- PIPE SIZER

PROJECT LIST

PROJECT	LOCATION	CONSULTANT
RESIDENTIAL BUILDING (G+M+3POD+22FL+RF)	AL RAFFA , DUBAI	ARIF & BINTOAK CONSULTING ENGINEERS
LABOR ACCOMMODATION (G + 4 FL+RF)	JABEL ALI , DUBAI	ENG.ADNAN SAFARINI DESIGN & CONSULTANT
RESIDENTIAL BUILDING (B+G+3POD+19FL+RF)	BUSINESS BAY, DUBAI	DEVELOPMENT CONSULTING ENGINEERS
SCHOOL (B+G+2TYP)+STAFF BUILDING (G+3FL+ RF)	DUBAI SPORTS CITY , DUBAI	INTERNATIONAL ENGINEERING CONSULTANTS
RESIDENTIAL BUILDING (B+G+11 FL+RF)	WADI ALSAFA 3 , DUBAI	CUBIC ENGINEERING CONSULTANCY
NEURO SPINAL HOSPITAL AND RADIOSURGERY CENTER (B+G+2FL+RF)	DUBAI BIOTECHNOLOGY AND RESEARCH PARK, DUBAI	CUBIC ENGINEERING CONSULTANCY
PROPOSED BUILDING (B+G+3P+13 FL+RF)	ABU SHAGARA , SHARJAH	GECECO - GULF & EMIRATES CONSULTING ENGINEERS
PROPOSED HOTEL (B+G+M+12TYP+HC)	ALGHUWAIR, SHARJAH	AL EMAAR ENGINEERING CONSULTANTS
RESIDENTIAL BUILDING (G+2POD+8FL+RF)	AL MAJAZ 3 , SHARJAH	CUBIC ENGINEERING CONSULTANCY
COMPLEX BUILDING (G+7 POD +3 OFF+17 FL + RF)	MUSHAIRIF , AJMAN	AL TURATH AL OMRANI , ENGINEERING CONSULTANTS
SHEIKH KHALIFA MARINE RESEARCH CENTER	UMM ALQUWAIN	CORE ENGINEERING CONSULTANCY
RESIDENTIAL BUILDING (B+G+5 POD+15 FL+RF)	AL KHAN , AL MAMZAR , SHARJAH	CUBIC ENGINEERING CONSULTANCY
PROPOSED 16NOS VILLA G+ 1 ST	ALTAI , SHARJAH	CUBIC ENGINEERING CONSULTANCY

JOB TASKS AND RESPONSIBILITIES:

SENIOR LEVEL

- Review contracts for scope, specifications, drawings, schematics, and ensure contract performance measures are met.
- Evaluating the offers received from the vendors for technical compliance / delivery of materials
- Generate/review material and labor estimates.
- Coordinate with technical office and site executive engineers
- Plan, review and coordinate construction operations to ensure compliance with approved documents
- Monitor schedule of activities and billing schedule at project sites.
- Follow up for sites execution & variations claims calculation.
- Prepare /review monthly invoices and obtain consultant approval.

SITE EXECUTIVE

- Responsible for installation, modification, and troubleshooting of Mechanical services at sites
- Supervise execution of approved coordination drawing, method statement and Material Log sheet at construction sites
- Follow up site construction and ensure implementation of builders work in accordance to approved shop drawings.
- Coordination with other Discipline Engineers as applicable.
- Attend and contribute in team and project meetings as required
- Provide regular work status updates, including risks or concerns, to MEP manager
- Complete accurate time sheets by set deadline

TECHNICAL OFFICE

- Cost estimation of Mechanical Services as per consultant specification and authorities requirements
- Studying specifications, drawings, quotations, Quantity surveying & estimating tender price for Mechanical services
- Preparing the offer for the Mechanical Services as per the project requirement.
- Design of Mechanical services for all types of buildings as per ASHRAE , SMACNA , IPC and NFPA
- Prepare material requisitions, submittals, method statements and shop drawings.
- Attending meetings with Civil Defense engineers around the design/ shop drawings to get approval

SITE INSPECTOR

- Make sure that all materials used comply with the approved Material Approval Request (MAR).
- Ensure the quality of work is in compliance with contract requirements/project specification & good construction practice
- Carry out all planned site inspections as per the intervention points marked in the relevant ITP.
- Conducting a site inspection to ensure that the works are carried out as per the approved coordination drawings
- Advise Planning Engineer and Construction Manager of any slippage of Progress regarding site activities.

PERSONAL INFORMATION

- **Driving License:** United Arab Emirates
- **Visa Status :** Valid Employment Visa
- **Date Of Birth:** 8th Nov.1989
- **Nationality:** Egyptian