



MOHAMMED MARWAN

~ Mobile: +974 77827860 ~ E-Mail: mohammedmarwan.engg@gmail.com

QATARI DRIVING LICENSE : AVAILABLE , VISA STATUS : TRANSFERABLE VISA

MECHANICAL ENGINEER (MEP) WITH 6 YEARS OF EXPERIENCE

~ Expertise in Residential Commercial and Industrial projects ~

PROFILE SUMMARY

Hands-on construction and development professional with nearly 6.5 years of year-on-year success in Project Of Oil & Gas Commercial & Residential MEP Projects across Saudi Arabia. Track record of successfully completing multimillion dollar projects with esteemed clients such as Saudi Aramco, SABIC, ZAMIL, SADARA. Led the competitor activities in key markets of KSA.

Competent in the smooth integration of engineering design, construction activities and transfer into the operational phase, while working closely with internal & external advisers and client representatives. Unique blend of visionary leadership with expertise to lead strategic planning and direct multi-site operations, cost control and effective project delivery in sync with both cultural and organizational diversity. Possesses language proficiency in English and Arabic. Open to worldwide relocation.

EDUCATION

M.Tech. (HVAC) from Jawaharlal Nehru Technological University , Hyderabad, India

B.Tech. (Mechanical) from Jawaharlal Nehru Technological University, Hyderabad, India

AREAS OF EXCELLENCE

Construction & Site Management	Load Calculation & Drawings	Quality Control
Engineering & Scheduling	Design & Development	Reporting & Documentation
AUTO –CAD , HVAC	Installation & Coordination	District Cooling Plant

KEY PROJECTS HANDLED

CLIENT : ROYAL COMMISSION DURATION : JAN 2017 – OCT 2017
PROJECT : MEP WORKS IN JUBAIL COMMERCIAL BUILDING JCB – Phase 5
CONTRACTOR : AL SUWAIDI GENERAL CONTRACTING
SUB-CONTRACTOR : AL MEDRAR GENERAL CONTRACTING
POSITION : MECHANICAL ENGINEER

JOBS & ROLES:

- Checking IFC Drawings and Execution of the HVAC Works as per the IFC Drawings
- Preparing the material submittals as per project's specifications and standards.
- Installation of all Ducts works, Anchor bolt, MFSD, Volume Damper, Back Draft Damper, Insulation, Pins Threaded rods, angle bars etc.
- Installation of Air-Cooled Chillers, Water cooled Chillers
- Slab openings and Wall openings as per builders work and HVAC drawing.
- Preparation of inspection request to consultant for inspection at site.
- Coordination with consultant.
- Shop drawing submittal and approval of ducting and chilled water piping drawings
- Erection of ducting like fresh air, supply air, return air, toilet & kitchen exhaust air ducts as per approved shop drawing by consultants.
- Erection of chilled water piping like supply and return with rubber insulation and cladding as per consultant.
- Submittal and approval of material and equipment as per specification
- Monitoring site store, assuring safe storage and handling of site material.
- Coordination with draftsman.
- Coordination with technician foreman's.

- Coordinating with supplier for material requirement as per delivery schedule.

CLIENT : SAUDI ARAMCO DURATION : DEC 2015 – JAN 2017

PROJECT : JAZAN REFINERY AND TERMINAL PROJECT – SAUDI ARAMCO EPC-2 (SOUTH FARM TANK)

CONTRACTOR : HYUNDAI ARABIA CO. LTD

SUB-CONTRACTOR : HANBO E&C CO. LTD

POSITION : MECHANICAL ENGINEER

JOBS & ROLES:

- Attend technical meetings with consultant/client/contractor and weekly Quality Meeting and Weekly Progress Meeting regarding with PQP
- Coordinated with Clients PID, PMT and make ensure that inspection is carried out smoothly.
- Inspect all the Material receiving through Approved ITP or SATIP as per the company's requirement
- To check the internal cleaning of the pipes before fit-up.
- Review on checking materials to be used in the fabrication shop.
- Review As built drawing (HVAC & Plumbing) as per change design/revision line
- Review for all Ducting piping and mechanical installation as per equipment installation check lists or SAIC and in accordance to project standard and specification and ITP , SATIP
- Review for counter IFC drawing / designed plans before fabrication.
- Checking dimensions of materials to ensure that they are in compliance with requirement on thickness of plates/pipes and Gauges
- Monitor all the installation of Ducting and Piping as per the approved IFC drawing
- Material Receiving Inspection of Critical materials like MFSD, VD, Air Stack, AHU, ACCU, PAU, BDD, BPD, Air Terminal Devices etc.
- Witness Light Test , Smoke test for Duct Leakage
- Verify proper size, schedule of pipes, ratings of flanges, proper flange face and fittings, pipe-supports, hangers, guides are installed according to piping isometrics, support drawings and according to the required specifications.
- Surveillance to check the construction work and give some comments if necessary according to standard installation.
- Ensure that pipe supports hangers and guides have been installed in accordance with the piping drawings and the pipe support details.
- Monitor the daily construction activities and ensure compliance with the project drawings and specifications.
- Having knowledge in ASME, ANSI, API and ASTM, ASHRAE, SMACNA, UPC and SAES etc.
- Verify that pressure gauges have adequate dial range and are calibrated prior to pressure testing.
- Ensuring implementation of quality control plan, procedures and Inspection & Test Plan
- Verify that the testing pressure does not exceed the allowable test pressure of any equipment in the system. And the required test pressure was maintained for the specified length of time with no acceptable leakage.

CLIENT : SIPCHEM

DURATION : JULY 2014 – AUGUST 2015

PROJECT : PETRO CHEMICAL PLANT – PHASE 1

CONTRACTOR : YUHANTECH ARABIA CO.LTD

POSITION : MECHANICAL ENGINEER

JOBS & ROLES :

- Coordinated with Clients PMT & PID and make ensure that inspection is carried out smoothly.
- Inspect all the Material receiving through Approved ITP or TIP as per the company's requirement
- To check the internal cleaning of the pipes before fit-up.
- Review on checking materials to be used in the fabrication shop.
- Review As built drawing (HVAC) as per change design/revision line
- Review for all Ducting piping and mechanical installation as per equipment installation check lists or SAIC and in accordance to project standard and specification and ITP , SATIP
- Review for counter IFC drawing / designed plans before fabrication.
- Checking dimensions of materials to ensure that they are in compliance with requirement on thickness of plates/pipes and Gauges
- Monitor all the installation of Ducting and Piping as per the approved IFC drawing
- Material Receiving Inspection of Critical materials like MFSD, VD, Air Stack, AHU, ACCU, PAU, BDD, BPD, Air Terminal Devices etc.

- Witness Light Test , Smoke test for Duct Leakage
- Verify proper size, schedule of pipes, ratings of flanges, proper flange face and fittings, pipe-supports, hangers, guides are installed according to piping isometrics, support drawings and according to the required specifications.
- Check flow direction of valves and confirmation of the piping system concurring with the flow diagram.
- Surveillance to check the construction work and give some comments if necessary according to standard installation.
- Ensure that pipe supports hangers and guides have been installed in accordance with the piping drawings and the pipe support details.

CLIENT : ZAMIL DURATION : APRIL 2013 – JUNE 2014
 PROJECT : HADEED SABIC STEEL PLANT
 CONTRACTOR : ADVANCE INNOVATION CONTRACRING
 POSITION : MECHANICAL ENGINEER

JOBS & ROLES :

- Review for all Ducting piping and mechanical installation as per equipment installation check lists or SAIC and in accordance to project standard and specification and ITP.
- Review for counter IFC drawing / designed plans before fabrication.
- Checking dimensions of materials to ensure that they are in compliance with requirement on thickness of plates/pipes and Gauges
- Monitor all the installation of Ducting and Piping as per the approved IFC drawing
- Material Receiving Inspection of Critical materials like MFSD, VD, Air Stack, AHU, ACCU, PAU, BDD, BPD, Air Terminal Devices etc.
- Witness Light Test , Smoke test for Duct Leakage
- Verify proper size, schedule of pipes, ratings of flanges, proper flange face and fittings, pipe-supports, hangers, guides are installed according to piping isometrics, support drawings and according to the required specifications.
- Check flow direction of valves and confirmation of the piping system concurring with the flow diagram.
- Surveillance to check the construction work and give some comments if necessary according to standard installation.
- Ensure that pipe supports hangers and guides have been installed in accordance with the piping drawings and the pipe support details.
- Monitor the daily construction activities and ensure compliance with the project drawings and specifications.

CLIENT : SADARA DURATION : FEB 2011 – MARCH 2013
 PROJECT : SADARA PETRO CHEMICAL PLANT PP-3
 CONTRACTOR : BUSINESS EYE CONTRACRING
 POSITION : JUNIOR ENGINEER

JOBS & ROLES :

- Inspect all the Material receiving through Approved ITP as per the company's requirement
- Review As built drawing (PLUMBING) as per change design/revision line
- Review for all Ducting piping and mechanical installation as per equipment installation check lists and in accordance to project standard and specification and ITP
- Review for counter IFC drawing / designed plans before fabrication.
- Checking dimensions of materials to ensure that they are in compliance with requirement on thickness of plates/pipes and Gauges
- Verify proper size, schedule of pipes, ratings of flanges, proper flange face and fittings, pipe-supports, hangers, guides are installed according to piping isometrics, support drawings and according to the required specifications.
- Check flow direction of valves and confirmation of the piping system concurring with the flow diagram.

INTERNATIONAL CERTIFICATIONS

SAUDI ARAMCO – APPROVED QC , AUTO-CAD , PRO-E WILD FIRE , DIPLOMA IN CSWIP 3.2

PERSONAL DETAILS

LANGUAGES : ENGLISH, ARABIC, URDU, HINDI , LOCATION : AVIALABLE IN QATAR, NATIONALITY : INDIAN