

ABDUL AHAD ALI KHAN

Mechanical Engineer

CAREER OBJECTIVE

Highly Talented, Motivated, dedicated, result oriented, Multi Skilled Mechanical Engineering Professional Looking for Position of Mechanical Engineer. Has 4.5yrs of Technical Experience in Project Engineering, Site Engineering, Plant Maintenance, Fabrication, Vibration Analysis, and Equipment testing in various Industrial plants across GCC, Along with expertise in areas like Estimation, Procurement, resource management, material and Manpower management.

PERSONAL DATA

1. Name : **ABDUL AHAD ALI KHAN**
2. Sex : Male
3. Health : Sound Health, Young & Energetic
4. Nationality : Indian
5. Bahrain CPR # : 941231895
6. Date of Birth : 21/12/1994
7. Religion : Islam
8. Marital Status : Single
9. Languages Known : English, Hindi, Tamil & Arabic
10. Contact Details : Mobile No. 00973 3659 7139 (Bahrain,Whatsapp)
0091 73048 10268 (India, Whatsapp)
E. Mail: abdualahadalikhan@gmail.com,
Skype ID: abdualahadalikhan
11. Having **Bahrain Driving License** : Valid upto 27th March, 2023

EDUCATIONAL QUALIFICATION

COURSE	UNIVERSITY / BOARD	INSTITUTE	YEAR OF PASSING	PERCENTAGE/ CGPA
B.E-Mechanical Engineering	Anna University, Chennai, Tamil Nadu, India	Aalim Muhammed Salegh College of Engineering, Avadi, Chennai	2016	72.44%

EXPERIENCE AT DAVIES AND MILLS CO. WLL, BAHRAIN

- Position Holding : **Mechanical Engineer Cum Vibration Analyst.**
- Period : from March, 2020 to July, 2020.
- Organization : M/s. Davies and Mills WLL,
Askar, Bahrain.

ROLES & RESPONSIBILITIES:

- Site Engineer for various Clients like Asry, Alba, Greatlakes, Bapco, Banagas etc.,
- Assisting Manager in day to day activities, planning, execution etc.,
- Responsible of Mechanical Overhauling of rotary and static equipment.
- Conditional Monitoring services, Vibration analysis, Balancing, Thermography surveys, laser alignment, TIR, motor run-test, Primary Current Injection testing for circuit breakers and current transformers using Raptor C-05 etc.,
- Electrical and Mechanical testing, analysing and troubleshooting for rotary equipment.
- Responsible for sales and marketing for the organization.
- Carrying out hands on jobs on own, like overhauling, fitting, fabrications etc.,
- Managing stocks, manpower, equipment in the organization.

EXPERIENCE AT ALUMINIUM BAHRAIN THRU FABTECH , BAHRAIN

Position Holding : **Project Engineer (Execution) – Alba Projects
Cum Procurement & Estimator (Materials Specialist), Vibration Analyst.**

Period : from March, 2018 to February, 2020

Organization : M/s. Fabtech Contracting W.L.L.,
Maameer, Bahrain.

THE LIST OF PROJECTS ACCOMPLISHED:

S.NO	PROJECT NAME	CLIENT NAME
1	48" DUCT INSTALLATION FTP-ROD1	ALUMINIUM BAHRAIN
2	REPLACEMENT OF FTP AND GTC PIPES	ALUMINIUM BAHRAIN
3	REPLACEMENT OF FTP CERAMIC PIPES	ALUMINIUM BAHRAIN
4	REPLACEMENT OF ALUMINA CONVEYING FABRIC AT GTC AND FTP	ALUMINIUM BAHRAIN
5	REPLACEMENT OF HIGH RISK FTP 2 ROAD PIPE	ALUMINIUM BAHRAIN
6	INSTALLATION OF COMPRESSOR AT POWER STATION 2	ALUMINIUM BAHRAIN
7	INSTALLATION OF CONVEYOR SHED AT ROD 3	ALUMINIUM BAHRAIN
8	OVERHAULING OF BLOWER 2 AT GTC 3	ALUMINIUM BAHRAIN
9	OVERHAULING OF MAIN FAN AND CONE AT FTP 3	ALUMINIUM BAHRAIN
10	OVER HAULING OF MAIN FAN AT FTP 2	ALUMINIUM BAHRAIN
11	2 TON MONORAIL INSTALLATION FOR PROPERZI WHEEL IN CAST HOUSE	ALUMINIUM BAHRAIN
12	12" DUCT REPLACEMENT @ RODDING 2 TERTIARY CRUSHER AREA	ALUMINIUM BAHRAIN
13	REPLACEMENT OF 48" VENTURI DUCT @ RODDING 2	ALUMINIUM BAHRAIN

ROLES & RESPONSIBILITIES:

- Project Engineer for Alba Projects & Resource Management support.
- Assisting to Projects Manager in Day-to-Day site activities mainly for the above mentioned ALBA Projects for Execution of the job.
- Designing and replacement of FTP & GTC Pipes.
- Procurement of Materials required for project.
- Site Visit & Estimation support for various clients like ALBA, Fives Solios., and BDF.
- Designing and replacement of existing pipeline @FTP and GTC location inside Aluminium Bahrain.
- Design Modification and verification of pipeline layouts as per the Standard ASME B31.3.
- Assisting in development of plant piping along with coordination of civil and instrumentation inputs.
- Carried of Maintenance activities for Rotary and static Equipment.
- Visually inspecting and verifying the weld joints during execution.
- Fabrication Assistance in fabrication yard to fabricate materials required for execution.
- Recording & Collecting Vibration data and Analyzing the data to troubleshoot the problems like balancing etc., in the rotary equipment.
- Thermography survey for electrical panels equipment.
- Laser Alignments for rotary equipment and belt alignments.
- Design, Lifting Plans, Preparation related to the Work.
- Communicating with various vendors and suppliers to procure the right materials required for the job.
- ISO Internal Auditor for 9001:2015, 14001: 2015. 45001: 2015.
- Trainer for Employees Development.
- 1st party Product Quality Inspector for Fabtech Contracting.
- Management Representative for ISO Audits.
- To Conduct Internal Audits and analyze the organization to prepare for External Audits to maintain ISO Standards and Certification.

EXPERIENCE AT SAUDI ARAMCO THRU MF AL-HAJRI, SAUDI ARABIA

Position Held : **Project Engineer (Execution) - Pipelines
Cum Procurement Engineer (Materials Specialist)**

Period : from May, 2016 to March, 2018

Organization : M/s. SEMI Sahara Contracting Company
Eastern Province, Saudi Arabia.

THE LIST OF SAUDI ARAMCO'S PROJECTS ACCOMPLISHED:

S.NO	PROJECT NAME	CONTRACT NUMBER	CLIENT NAME	SHORT DESCRIPTION
1	ABQAIQ GOPS5 FWS RTR PIPE	6510790768	SAUDI ARAMCO	RTR PIPE INSTALLATION
2	ABQAIQ GOPS5 UPL RTR PIPE	6510794218	SAUDI ARAMCO	RTR PIPE INSTALLATION
3	HARADH 736 GOSP2	6510790024	SAUDI ARAMCO	RTP PIPES INSTALLATION
4	HARADH 464 GOSP2	6510799340	SAUDI ARAMCO	RTP PIPES INSTALLATION
5	RASTANURA PLANT 063	3000735446	SAUDI ARAMCO	CUTBACK ASPHALT MC1 & RC2 TANKS CLEANING

ROLES AND RESPONSIBILITIES:

- Assisting to Executive Director & Projects Manager in Day-to-Day site activities mainly for the above mentioned Saudi Aramco Projects for Execution of Additional Pipelines Construction works.
- Design and development of pipelines based on the site survey and condition.
- Attending Technical Meeting with Saudi Aramco Project Management Team (SPMT)
- Giving periodical Technical Advice to the Management for systematic improvement of the productivity.
- Planning of Work towards the Projects Execution and vital co-ordination with Projects Management.
- Arranging the relevant materials from Saudi Aramco Approved Vendors.
- Organizing the right crew as per the site requirements.
- With solution clearing the technical queries related to materials.
- Supporting to QC from RFI to until completion of Hydro test by coordinating with suppliers like AMIANTIT and others to complete Pipes installations and fixing Values.
- Specialized in RTR and RTP Installation.
- Directly supervise the RTR (reinforced thermosetting resin pipe) Pipelines Installation for 2km with 103 Nos of Joints.
- HARADH-736
- Installed RTP (Reinforced Thermoplastic pipes) Pipeline (green color) for 2 km,
- Coordinating with supplier FGS Dubai, attending technical meetings with Aramco and Vendor to complete the Installation expeditiously.
- HARADH - 464
- Directly supervise the RTP (Reinforced Thermoplastic Pipes) Pipeline (White Color) installation for 3 km.
- Coordinated with Supplier PETROGISTIX Saudi Arabia, attending technical meetings with Aramco and Vendor to complete the installation as per the time framed.
- Coordinating with Fabrication shop to fabricate spools as per the drawing and site requirements.
- Supporting to Chief Estimator for Bid preparation for new Projects as well as some ongoing Projects Change Orders including estimation of man-hours, materials and equipments prices and series of activities at the jobsite.
- Technically Responsible for arranging the Projects related materials including negotiation with Saudi Aramco Approved Vendors, issuing Purchase Orders, assuring the Materials Qualities and on time delivery at sites.
- Attending meetings with Sub-Contractors, Materials Suppliers and Fabrication Units.
- Corresponding with major Foreign Vendors.
- Supporting to Quality Control Dept. for Civil, Mechanical and Electrical Projects
- Documents preparation for RFI (request for inspection)
- Familiarizing the Saudi Aramco Engineering Standards (SAES)
- Right Materials identification from raw material to finished products as per the site requirements.
- Ensure Multi Skill Development.

OTHER PROJECTS AND ACTIVITIES:

SEMI Sahara Contracting Company's Own Office, Staff & Labor Camp Construction Project at Juaymah, near Jubail highway, Saudi Arabia.

ROLES & RESPONSIBILITIES:

- Design Verification.
- Site Preparation.
- Manpower Arrangements
- Materials Arrangements.
- Equipments Arrangements.
- Monitoring the Civil Works Progress.
- Conducting Safety meeting at site on weekly basis.
- Overall: Project Coordination.
- Reporting to Executive Director.

MANAGEMENT REPRESENTATIVE (MR) TO 'BSI' AUDIT BUREAU

ROLES AND RESPONSIBILITIES:

- Quality Management System (QMS) 9001:2008 process and implementation.
- Analyze and evaluate the Management Process, Project Management, Quality Control, Procurement, Maintenance and Inventory Process to identify and provide corrective measures for the errors.
- Organize, conduct, and support the BSI Auditors.
- Provide internal training for employees to educate them about the process

EXPERIENCE

Position Held : **Plant Supervisor for CNC Operators**

Period : from December, 2015 to March, 2016

Organization : M/s. Arihant Duraplast Pvt. Ltd, (Samsung Supplier)

Sriperumbathur, Kanchipuram Dist, Tamil Nadu, India.

ROLES AND RESPONSIBILITIES:

- Supervising and guiding the work of subordinates consists of conventional and die casting machines.
- First component Inspection and components sent to further Operation.
- Extending Technical Supports to Operators.
- Involved in coordinating of all the activities for the Organization via Production, Planning, Stores, Subcontract, and Quality Control Assurance.
- Raw material & semi finished components are received from Planning Department and segregated issued to the suitable parties for processing.
- Reject or rework should be informed to planning, Machine Breakdown, accuracy problem to be written in the individual machine log Book for further action.

- Based on Weekly plan Daily work allotment to all Machines.
- Attend Progress meeting with Top Management.

TECHNICAL SKILLS

- Vibration Analysis
- In-situ and Dynamic Balancing.
- Laser Alignments.
- Thermography Survey.
- Electrical Motor Run-Test
- Primary Current Injection test using Raptor C-05

STANDARDS KNOWLEDGE

- BGAS – Coating & Painting Standard
- CSWIP – Welding Standards
- ASME B31, ANSI, ISO, DIN Standards for Materials.
- P&ID Standards
- APCS – Internal and External Coatings

SOFTWARE KNOWLEDGE

- Auto-CAD
- MS-Office
- SKF Vibration Analysis.

CERTIFICATIONS:

- Vibration Analysis ISO CAT II from Mobius Institute, Australia.
- Internal Auditor for ISO 9001 , ISO 14001, ISO 45001.
- Sigma Coating Application for APCS -113A as per Saudi Aramco Standards.
- Work Permit Receiver certification Awarded by Saudi Aramco, Rastanura Refinery.
- Work Permit Receiver certification Awarded by Aluminum Bahrain.

RESEARCH PAPER (Published):

- Published an Annexure II Journal paper Entitled **“EMISSION CONTROL TECHNIQUE USING DIETHYL ETHER AND ALUMINA NANO PARTICLES AS ADDITIVES WITH BIODIESEL(JATROPHA CURCUS) IN CI ENGINE”** – International Journal of Applied Engineering Research, ISSN 0973 – 4562 VOL.10 NO.68(2015)
- Published an Annexure II Journal paper Entitled **“EVOLUTION ON THE MICROSTRUCTURE OF ALUMINA COATED STAINLESS STEEL USING ELECTRO PHORETIC DEPOSITION”** – International Journal of Advanced Research in Engineering, ISSN 2412-4362 ONLINE, Vol 2(1) Jan – Mar 2016.
- Presented technical presentation at **Saudi Aramco, Udhaliya** Facilities, on **RTP Pipes Installation**, as corrosion control suggestion to enhance the pipeline industry.

DECLARATION

I hereby declare that the above furnished particulars are true to the best of my knowledge and belief.

Yours faithfully,

Abdul Ahad Ali Khan