

MATHEW KURIAN

✉ mathew_kurian@outlook.com
S mathew_kurian_1
☎ +973-66928988



PROFILE SUMMARY

A hard working, analytical, versatile professional who has acquired extensive knowledge and experience in the field of fabrication through years of hard work and study. Additionally, I have worked in multiple countries such as India, Kingdom of Saudi Arabia, Kingdom of Bahrain and Nigeria, over a range of 13+ years in different segments of Fabrication & Installation of pressure vessels, piping & structural in refineries, petrochemical Industries, power plants and Oil & Gas industries. This has strengthened my skills in working with different environments.

ACADEMIC & PROFESSIONAL TECHNICAL QUALIFICATION

- Mechanical Engineering (Directorate of Technical Board, Chennai, India)
- CSWIP 3.1 Welding Inspector (*Certificate No:398388*)
- ASNT Level II in RT, PT, MT and UT
- QMS ISO 9001:2015 Auditor
- ASNT Level III in MT and RT in Progress (*ASNT ID: -308150*)
- API 510 Pressure Vessel Inspector in Progress (*API ID: - 97609*)

EMPLOYMENT HISTORY

Organization	Location	Designation	Period
Energy Works Technology Ltd (EWT)	Nigeria	QC Superintendent	April 2015 to September 2020
Arabian Int'l Mechanical Cont. Est	Bahrain	QC Engineer	October 2011 to March 2015
H.K. Al-Sadiq Sons Co. Ltd	Saudi Arabia	QC Engineer	May 2009 to July 2011
Furnace Fabrica (I) Ltd.	India	QC Inspector	April 2008 to April 2009
Cochin Marine Industries	India	Trainee Engineer	May 2007 to March 2008

PROFESSIONAL EXPERIENCE SUMMARY

- Establishes and finalizes field inspection procedures, coordinating with the Field Engineering Manager and Construction Manager.
- Holds a general Pre-inspection meeting with all departments before beginning any inspection activities to present proposed procedures for inspection and testing. Keeps close liaison with all departments regarding field inspection and testing.
- Knowledge in Inspection Assignment Package preparation.
- Knowledge in Tie-In activities.
- From an inspection viewpoint, coordinates with Construction groups and also coordinates with Inspection third parties and other outside agencies when required.
- Ensures that the work of the Inspection group is in accordance with the overall construction schedule.
- Supervises and coordinates the activities of the Inspectors.
- Ensures that the safety requirements are observed by the subordinates and that testing equipment and tools are in safe condition. Confers with the Safety Engineer to perform inspections and tests safely.

- In-charge on supervision of Quality internal & external quality audits by company and external auditors.
- Ensures that work proceeds in accordance with the Project Quality Plan.
- Prepares final construction reports.
- Conducts material receiving inspections in coordination with Material controller.
- Reviews Welding Procedures and ensures that welder test, welding inspection, NDT and NDT evaluation are properly carried out and that certificates are provided accordingly.
- Approval of corrective actions taken for Nonconforming items of construction work.
- Reviewing all hydro test packages, punch lists, equipment handover packages and arranging for final walkthrough client.
- Controls and supervises inspection items determined in the procedures thoroughly and without interruption.
- Supervise NDT technicians to ensure their safety at work & quality of inspections
- Monitor Post weld heat treatment for Pressure Vessels and Piping.
- Enhance relationships in dealings with Client, Consultants and regulatory authorities to ensure all agreements are implemented
- Ensure Company's Health, Safety & Environment and quality policy and procedures are implemented to client satisfaction.
- Identify and ensure skills of assigned manpower are aligned to project requirements to ensure technically competent personnel for the project.

JOB RESPONSIBILITIES & ACTIVITIES:

- Responsible for all QA/QC and NDT activities as per the contract/project requirements.
- Fit-up inspection & visual inspection of weld.
- Monitoring of welding and its parameters as per WPS
- Review of WPS, PQR, and WPQ and issue Welder cards on project
- Review traceability of materials with respect to mill certificate for the receiving material like pipes, plates, and fittings.
- Review of test Packs & Witness Hydro test, Pneumatic test.
- Writes inspection Reports, Worksheets, Non-compliance Reports of onsite inspection findings and maintain inspection records.
- Develop welding procedures and perform PQR, WPQ for the final approval.
- Supervise NDT technicians to ensure their safety at work & quality of inspections.
- Conduct toolbox with welders to give feedback regarding their performance
- Monitor Post weld heat treatment
- Preparation of the Inspection and Test Plan as per project drawings, client specifications and regulatory codes.
- Co-ordinate with AI's, Clients Representatives and 3rd party inspector.
- Dimensional inspection of in-process fabrication layouts, fit-ups and as-built conditions.

1. Current Employer – Energy Works Technology Ltd (EWT). Port Harcourt, Nigeria.

EWT QMS is certified to ISO 9001:2008 & ISO 45001: 2018 as well as **ASME U, U2, PP, S and National Board R** Stamps authorized.

EWT is a certified manufacturer of Pressure Vessels, Process Plant Equipment as well as Oil and Gas Steel Structures Fabricator, offering EPCC services. EWT is capable of fabricating:

- Process Modules and Packages for Onshore and Offshore Production Facilities.
- Pressure vessels, Process Piping, Separators, Scrubbers, knock-out Drums, Slug Catchers, Manifold Skids, PIG Launching and Receiving facilities, Metering Skids etc.)
- Steel Equipment and Structures (Jackets, Platforms, Foundation/Suction/Anchor Piles, Buoys)

2. **Previous Employer – Arabian Int'l Mechanical Cont. Est.(AIMC) Kingdom of Bahrain**

AIMC is accredited with ISO 9001; ISO 14001 & ISO 18001 and also certified for **ASME U, U2, PP, S and National Board R and NB** Stamps authorized. AIMC is professionally managed, well experienced and trusted partner for clients as EPC Contractor.

3. **Previous Employer –H.K.AL Sadiq Sons Co. Ltd (HKSS). Ras Tanura, Saudi Arabia**

H. K. ALSadiq Sons Contracting Co. Ltd. (formerly H. K. Al-Sadiq Est.) is an ISO Certified Company, started its Contracting Business in the year 1973.

During the past decade, the Organization has achieved growth in all spheres of services with high caliber and standards required by our Clients.

4. **Previous Employer –Furnace Fabrica (India) Ltd (FFIL), Navi Mumbai, India**

FFIL is a global EPC service provider with over 40 years of experience is an ISO 9001:2000 certified company with ASME U, U2, S and R Stamp authorized

5. **Previous Employer –Cochin Marine Industries, Cochin, India**





Cochin Marine Industries is a contractor working inside Cochin Shipyard. For the fabrication works of MUD Tank, Double bottom for the Platform supply vessels (PSV) and also for Ministry of Defense Govt: of India.







CAPACITIES:






QMS Management Representative: (ISO 9001, ISO 14001 & ISO 18001)	Initiate process for corporate QMS ISO 9001 certification, auditing, configuring systems for conformance to the required standard. Able to implement HSE procedures effectively. Work according to ISO 14001 Environment & OHSAS 18001 Safety standards. Ensure company compliance with relevant regulations at all times.
COMPUTER SKILLS:	<ul style="list-style-type: none">• MS Project – Scheduling and Resource Planning.• MS Office (MS-Excel, Word & Visual)• AutoCAD• MOVEXSAP ERP System
ADDITIONAL COMPETENCY:	<ul style="list-style-type: none">• Part of QA/QC team for 4 successful Audit with ASME Team for ASME 'U' 'R' 'S' 'A' & 'PP' stamp with two different companies.• Familiar with welding processes such as SAW, SMAW, FCAW, GTAW and GMAW.• Familiar with qualification Code for welding with ASME Sect. IX, Construction Code for pressure vessels and piping with respect to standard ASME





LANGUAGES KNOWN	<ul style="list-style-type: none"> • English • Hindi • Malayalam • Tamil
-----------------	--

LEADING WORKS: PROJECTS COMPLETED:

#	Project	Gallery
1.	<p>Fabrication of Buoy OLT Anchor Piles, PIG launcher & Receiver for Saipem Contracting Nigeria Ltd (<i>Total EGINA-UFR Project</i>)</p> <ul style="list-style-type: none"> : Flagship project for the company. : Fabrication and delivery of 141 tons OLT Buoy Ancho Mooring Piles. : OLT Piles will be connected, to an FPSO (floating production, storage and offloading vessel) designed to hold 2.3 million barrels of oil. 	
2.	<p>Fabrication of ASME coded pressure vessel like Slug Catcher (110mm thick), Gas Scrubber(70mm), Gas Receiver, PIG launcher and Receiver, Vent Scrubber, Drain tank, Vent Stack (55 meter) and the Process piping. (<i>Nigerian National Petroleum Corporation (NNPC)-OB3 Project</i>)</p> <ul style="list-style-type: none"> : The contained construction of PIG/Receiver Launchers, pressure vessel and onsite piping works. : The project is known to be the largest gas line in Nigeria. : This is the first time the engineering design and construction of the pipeline infrastructure system of this magnitude is being handled by purely indigenous company. 	 

3.	<p>Fabrication of 3-Phase Separator, Produced water storage tank, Produced water treatment SKID, Flow stations and above ground Process piping for OML 42 (<i>Neconde Energy Ltd.</i>)</p> <ul style="list-style-type: none"> : The works contained construction of 3-Phase separators. : Process module. : Above ground and under ground piping. : Oil separation flow stations. 	
4.	<p>Fabrication of ASME coded vessel like Flare Knock-Out Drum, Nitrogen Receiver, PIG Launcher and Receiver for Samsung Heavy Industry Nigeria (<i>Total EGINA FPSO Project</i>).</p> <ul style="list-style-type: none"> : The project contained the construction of PIG/Receiver Launchers, pressure vessel and onsite piping works. : The wall thickness of the barrels of the PLR was 75mm and was tested at 550 Bars. : This also involved in-house PWHT treatment of the fabricated items. : The PWHT furnace was commissioned to get this job done, which too involved fabrication of LPG system and installation of burners to support PWHT process. 	 
5.	<p>Fabrication of Steel Structures for <i>KITIMAT MODERNIZATION PROJECT (CANADA)</i> for Bechtel like Pipe Conveyors, Silo Supports and Transfer towers. Approximately 2500 tons. With trail assembly</p> <ul style="list-style-type: none"> : Construction of Pipe conveyor & its supports. More than 180 meters of conveying system, Silo supports & transfer towers. : Approx. 2500 Tons of steel manufacturing. : Trial to Pre-assemblies of various components to make sure no errors on site erection. <p>Construction Site view at Kitimat - British Columbia.</p> 	 

6.	<p>ALBA Line 5 GTC Up gradation Project for <i>FIVES SOLIOS at Aluminum Bahrain (ALBA)</i></p> <p>The job comprised of up-gradation of complete GTC (Gas Treatment Center) - two units for the ALBA line-5 operational pots. The upgrade required tie-in to the existing system where the old system had 4 no. of ID fans & new ID fan was installed.</p> <ul style="list-style-type: none"> : The new ID fan manufactured by HOWDEN France : Contract included overhauling of the 4 Nos. of old ID fans and their Testing & commissioning. 	
7.	<p>Fabrication and installation of Boiler and its Piping for Paste Plant 1 & 2 Up gradation Project for <i>FIVES SOLIOS @ Aluminum Bahrain (ALBA)</i>.</p> <ul style="list-style-type: none"> : This project consisted of the installation of new boiler unit to upgrade the operating system of paste plants. Paste plants are the process area for the construction of the anodes which are then finally used to produce the Aluminum. : New system comprised of integration to the old system, piping, and tie-ins to the old system. 	
8.	<p>Fabrication & Installation of ASME 'U' Stamp Pressure vessel for <i>Rio Tinto Alcan at Aluminum Bahrain (ALBA)</i>.</p> <ul style="list-style-type: none"> : Coke Fines conveying system comprise of transferring fine dust from the operations to the various paste plants. : Removal of existing system, installation & commissioning of new system. 	
10.	<p>Assembly of Boilers and Piping for <i>STEIN ENERGIE at Arabian Sugar Factory, Kingdom of Bahrain</i></p> <ul style="list-style-type: none"> : Complete Boiler installation, Piping works & commissioning assistance to STEIN ENERGIE. : PROCESS TANKS: Around 100 of CS & SS process tanks with a maximum capacity of 150m³ (Comprising of Pressure Vessels, Horizontal & Vertical Tanks. : PROCESS PIPING, COMMISSIONING&FABRICATION & STRUCTURE INSTALLATION 	
11.	<p>Fabrication and supply of Stainless Steel (SS) Pipe spool of 2585 inch dia for Samsung Engineering at Ministry of Works –<i>Muharraq STP Project, Bahrain.</i></p>	

12.	<p>Fabrication, Installation and commissioning of Ammonia Flare System (118 M High Flare) EPM by SABIC (Saudi Arabia Basic Industries Corporation)</p> <p>: Complete Flare, Knockout Drum and piping works with commissioning assistance</p> 	
13.	<p>Fabrication, Installation and commissioning for UGAA (Urea Granulator Ammonia Abatement) for SAFCO-2, SAFCO-3 & SAFCO-4, EPM by SABIC (Saudi Arabia Basic Industries Corporation)</p>	
14.	<p>Fabrication, Erection & Commissioning of (1.36 MMTPA) Delayed Coker Unit with SA 335 P5, P9, P11 & P22 pipes with 100% of Post Weld Heat Treatment and 100% of Radiography with hydro test. For Bharat Oman Refinery Ltd, Bina, Madhya Pradesh</p>	

PERSONAL INFORMATION

Name : Mathew Kurian
 D.O. B : 11-August-1986
 Religion : Christian
 Sex : Male
 Nationality : INDIAN
 CPR No. : 860833216
 Driving License Status : Valid International Driving License (From Kingdom of Bahrain)
 Visa : Valid B1/B2 Visa for USA
 Permanent Address : Palaparampil House,
 Karakkad P.O, Mulakuzha, Alappuzha Dist.
 Kerala-689504, India.

PASSPORT DETAILS

Passport No. : P 1969274
 Place of Issue : BAHRAIN
 Date of Issue : 15/01/2017
 Date of Expiry : 14/01/2027

DECLARATION

I do hereby declare that all the information mentioned are true and correct to the best of my knowledge and belief.

Mathew Kurian