

# MOHAMMED BUJAIR P

QC Inspector/ Engineer



## PROFILE SUMMARY:

Mechanical Engineer having more than **5 years** of experience in Construction, maintenance, fabrication and erection components for Oil-Gas, Power Plants. Having experience in Inspection, Testing, Fabrication, Erection, Installation, Maintenance.

## OBJECTIVE:

"A challenging growth oriented position in an organization, where I can contribute to take the organization to greater height through my hard work, sincerity and commitment".

## AREAS OF EXPERTISE

Health & Safety management  
General IT skills  
Mechanical Maintenance  
Advanced NDT Inspection  
Heat Exchangers

PAUT, TOFD  
Fabrication & Erection  
Welding & NDT Inspection  
Piping Inspection  
Mechanical Equipments

## ACADEMIC QUALIFICATION:

**B.Tech in Mechanical Engineering (CUSAT)**

## CERTIFICATIONS:

**CSWIP 3.1 Certified Welding Inspector (Certificate No: 383133)**

**IRCA-CQI Accredited ISO 9001:2015 QMS Lead Auditor from BUREAU VERITAS**

**ASNT level II** in Advanced NDT Methods **PAUT & TOFD** - Certification of 'American Society of Non Destructive Testing'

**ASNT level II** in Conventional NDT **RT, PT, MT and UT** - Certification of 'American Society of Non Destructive Testing'

**IOSH Managing safely** – Certification from 'Institution of Occupational Safety and Health'

**Diploma in Product Design & Analysis** – Ansys Workbench 14, AutoCAD & Creo Parametric 2.0

## PROFESSIONAL MEMBERSHIPS:

Member of International Association of Engineers (Member Number: 141407)

## EXPERIENCE:

### **Mechanical Engineer**

**Ansaldo Energia s.p.a, Jeddah, Saudi Arabia**

November 2015 – June 2019

### **RESPONSIBILITIES:**

- Material receiving inspection, management, Stock verification, Storage, handling & inspection of materials.
- HP pipe support, Boiler suspension rod testing, & repair, recalibrated to proper loads.
- Prepare pipe support assembly as built, isometric drawings in AutoCAD.
- Interpretation of drawings ISO, Pipe supports, PID, PFD & give directions for work execution.
- Review, Evaluate vendor's, sub-contractor's offers, schedule of Equipment's, specification, enquiries to vendors.
- Monitor project progress, daily, weekly status reports to site manager, project manager.
- Prepare final documents & Technical reports for the submission of project completion.
- Work site safety inspections, risk assessment, accident reports, JSA & ensure proper application of PPE.
- Documentation, recommendation for the project, Maintenance activities.
- Coordinate & inspect with third party for NDT (MT, PT, UT, and RT) & review of test reports.
- Conduct functionality tests, calibration of pipe supports, weld repairs
- Removal of evaporator, heat exchanger tube & re inserting with torque controller.
- Inspection, Maintenance & replacement of heat exchanger, piping systems such as valves, pipe fittings, expansion joints.
- Inspection & Maintenance of Different valves like Gate, Globe, Ball, and Relief valve etc.
- Dismantling, Overhauling and assembling of Steam Turbines, and its auxiliaries.

- Proper implementation of QCP, ITP, MOS, SSOW as per PTW.
- Familiar with codes and standards like, ASME B 31.1, ASTM and API, AWS.
- Supervises and motivates staff to ensure an acceptable level of performance.
- Maintenance of turbine, modification, repair, replacement inspection & testing of rotor, blades and auxiliaries.
- Witnessed turbine rotor balancing, alignment, vibration monitoring, inspect turbine auxiliaries, NDT.
- Assist turbine engineer for trial run, condition monitoring, recommissioning.
- Inspection of general & thrust bearings, clearances of oil rings, pads and thrust collar.

## **QA/QC Engineer (Mechanical)**

### **Kairali Ventures, Calicut, Kerala**

**April 2014 - October 2015**

#### **RESPONSIBILITIES:**

- Material receiving inspection of Pipes, Valves, Flange and fittings.
- Fit up inspection & dimensional inspection of Joints, Surveillance inspection of weld as per WPS.
- Preweld, During weld & Post weld inspection as per ITP
- Interpretation of drawings Like ISO, PID PFD, GAD, Plot Plan & give directions for work execution.
- Inspect material for construction, Fabricate & conduct final inspection then release it for erection.
- Fabrication & erection piping system as per erection drawing & plan.
- Spool releasing, Spool receiving for site for constructional activities.
- Interpretation of ISO and P&ID and give instruction to the construction team.
- Raise RFI after completion of work, raise NCR & close it.
- Fabrication & Erection welded steel storage tank, & conduct inspection, tests.
- Coordinate inspection of NDT (PT, MT, RT, and UT) with third Party & Client, RTFI, review test reports.
- Daily weld production and material record, baking log.
- Familiar with codes and standards like, ASME B 31.3, ASTM and API, AWS.
- Conducting PMI, Monitoring PWHT and review the PWHT reports chart & hardness.
- Ensuring implementation of QCP and ITP, Perform RF pad leak testing as per applicable QCP.
- Fabrication & installation of pipelines, Conduct Holiday test, Hydro test.
- Conducted & witnessed hydro test & pneumatic test,
- Prepared punch listing & reinstatement, line check & Clearing Hydro test package.
- Co-ordination with client inspector for final inspections for Hold and Witness Point inspection.

#### **PROJECTS:**

##### **Mangalore Refinery Petroleum Limited [ONGC] Phase III expansion & up gradation project, Karnataka, India**

Fabrication, Erection, Installation, Testing, Commissioning of Piping system in CDU, Pipelines to inlet facility, Storage Tanks.

##### **HP Pipe Stress Analysis & support Maintenance Project, SEC Shoaiba Power Plant, Stage 1, 2, 3. KSA**

Inspect the piping supports of Main steam, Hot Reheat, Cold Reheat & Feed water piping system, testing & repair & replacement of damaged supports, Boiler suspension rod load testing, and conduct stress analysis.

##### **Desalination Plant Evaporator, HP Heater Maintenance & Retubing Project, SEC Shoaiba Power Plant, KSA**

Removal & Reinserting tubes of Desalination Evaporator, Heat exchanger & HP Heater.

##### **Major Overhaul of Steam Turbine, Unit # 10, Phase- 4, SWCC, Jeddah, KSA**

HP, LP turbine rotor, its auxiliaries inspection, repair, replacement, vibration analysis & monitoring, Rotor balancing & recommissioning of 118 MW Steam Turbine.

##### **HP Piping System Maintenance Project, SEC Shoaiba Power Plant, Stage 1, 2. KSA.**

Inspect the piping system, testing, repair & replacement of piping system, valves etc.

#### **SOFTWARE SKILLS:**

AutoCAD

Solidworks, Creo Parametric,

MS PowerPoint, MS Word, MS Excel, MS Project

Ansys, Caesar II

#### **PERSONAL SKILLS**

Problem solving ability  
Team leadership  
Stress Management

Good communication  
Time management  
Strategic Planning

Organizational Skills  
Flexibility  
Quick learner

### **PERSONAL PROFILE:**

**Address** : Baithul Izzah (H),  
North Beypore, Thonichira Road, Naduvattom,  
Calicut, Kerala, India, Pin: 673015

**Age & DOB** : 27, 14 May 1992

**Nationality** : Indian

**Father's name** : Mohammed Rafeek P

**Gender** : Male

**Nationality** : Indian

**Marital Status** : Married

**Languages** : English, Hindi, Malayalam, Tamil, Arabic (Basic)

**Phone** : +966561195450  
+919809976244

**Email** : pbujair@gmail.com, pbujair@ymail.com, mbujairp@gmail.com

**Website** : www.bujair.jimdo.com

### **PASSPORT DETAILS:**

**Passport Number** : L8775446

**Place of Issue** : Kozhikode, India

**Date of Expiry** : 20/04/2024

### **DECLARATION:**

I confirm that the information given in this form is true, & I bear the responsibility of the given details.

**Place: Calicut**

**Date: 20/01/2020**

**Mohammed Bujair P**