

Robin Palliyankal Oommen

Mechanical Engineer

Address Dammam, Saudi Arabia, 689111

Phone 966-535-133075

E-mail robinommen888@gmail.com

LinkedIn <https://www.linkedin.com/in/robin-palliyankal-oomm>

Mechanical Engineer with 3 year's of experience in petrochemical industries, oil and gas. I have done my Bachelor of Engineering from Anna University. Now, I want to build my career in technical fields, where I can utilize my skill and knowledge. A part of my success is to prove my worth to my organization and improve my technical and managerial skills as well by achieving the goals of the organization with my full determination.

Deep developed knowledge on ARAMCO standards, ASME, ASTM and API that will includes Material specification and design Standards, Quality Inspection Head and Technical Service Engineer in Shutdown Support and Assistance

Engaged in Quality Control and Assurance job, which includes Material test and Evaluation and Process ,Control and Monitoring. Also dealing Third Party Inspections.

This all includes Standards familiarization and realization, preparation of reports and documentations. Strong hands-on experience using design techniques and producing technical plans, blueprints, drawings and model.



Skills

- ASNT LEVEL 2 , ISO 9001:2008, ASTM

Excellent

- ASME Codes And API Testing and API Production

Excellent

- Quality Assurance and Quality Control, Aramco Standards

Excellent

- Mechanical engineering principles, Planning Engineering

Excellent



Work History

Quality Control / Assurance Mechanical Engineer

- 2019-07 -
Current
- Al Iman Gasket Factory, Dammam, Saudi Arabia
- Material receiving inspection as per Drawing PO and project Specification and preparation of report and coordination with third party Inspectors.
 - For the requirements of NDE giving instructions to carrying out NDE (MT, PT, UT, and RT) and examination of indications and evaluations according to the relevant ASME standard for the acceptances or Rejections.
 - Monitoring the effectiveness of all quality inspection (In-process inspection, inward inspection, raw material inspection, pre-dispatch inspection).
 - Final inspection of shipment, Load out and delivery condition. Issue final I.R.C (INSPECTION RELEASE NOTICE).
 - Carrying out final, visual and dimensional inspection if there is any variations observed informing the project department and if major variations observed raising NCR against the concerned department.
 - Reviewing of all NDE results and Assurance of presence of all punch points are closed out prior to the moving for Hydro test.

- 2022-03 -
2022-04
- Service Engineer**
- Sabic IBN Zahr, Jubail, Saudi Arabia
- Monitoring equipment and machinery performance and developing preventative maintenance measures.
 - Conducting quality assurance and safety checks on all equipment.
 - Delivering demonstrations to ensure that customers are educated on safe and effective equipment use.
 - Providing recommendations about new features and product improvements.
 - Monitoring inventory and reordering materials when needed.
 - Conducting research and attending workshops to remain abreast of industry developments.

- 2021-02 -
2021-03
- Service Engineer**
- Saudi Chevron Phillips, Al Jubayl, Eastern Province
- Writing reports and presenting findings to Managers and Supervisors on a regular basis.
 - Using various strategies and tools to provide effective solutions to customers' concerns.
 - Communicating with clients, engineers, and other technicians to ensure that services are delivered effectively.
 - Promptly following up on service requests and providing customer feedback.

- 2018-04 -
2019-03
- Quality Supervisor**
- Bajaj Motorcycles PVT, Maharashtra, Nasik, India
- Monitoring work progress to ensure that deadlines are met and that quality standards are upheld
 - Training new employees on company policies and procedures, including safety measures and ethics policies
 - Conducting regular audits of production lines or departments to ensure compliance with company standards

- Monitoring employee attendance and taking disciplinary action if necessary
- Managing projects involving a team of employees working on specific tasks towards common goals.



Education

2013-08 -
2017-04

Bachelor of Engineering Technology: MECHANICAL ENGINEERING

Anna University - Chennai, Tamil Nadu

- Capstone Project:
- 1. AUTOMATIC REVERSE BRAKING SYSTEM

An intelligent reverse braking system is compiled with IR sensor circuit which operates a pneumatic braking system. The main target for this project is cars can run reverse automatic braking due to obstacles when the sensor senses the obstacles. The Intelligent braking system is fully automated.

- 2. DESIGN AND ANALYSIS OF SPLIT BRAKING SYSTEM

This project is partially focused upon automobile industry. The simplest way to describe a split breaking system is to visualize that the pressure to the breaks are applied to the wheels on separate lines carrying a special hydraulic fluid. There are two basic types of split breaking system. One is front split and other is rear split system the second is also called a diagonal split breaking system.

Certification: ASNT LEVEL 2

Nexora Academy - Kochi, India

- Level II Technicians are qualified to set up and calibrate equipment and to interpret and evaluate results with respect to applicable codes, standards and specifications.

NON DESTRUCTIVE TESTING LEVEL 2 IN

1. ULTRASONIC TESTING

Ultrasonic testing (UT) comprises a range of non-destructive **testing** (NDT) techniques that send **ultrasonic** waves through an object or material. These high frequency sound waves are transmitted into materials to characterize the material or for flaw detecting.

2. RADIOGRAPHY TESTING

Radiographic Testing (RT) is a **non-destructive testing** (NDT) method which uses either x-rays or gamma rays to examine the internal structure of manufactured components identifying any flaws or defects. In **Radiography Testing** the **test**-part is placed between the radiation source and film (or detector).

3. PENETRANT TESTING

Non-destructive testing of welds — **Penetrant** testing — Acceptance levels. **Penetrant** method of **non-destructive testing** is dedicated to detecting surface defects invisible to the naked eye. ... When performing testing a special wetting liquid (**penetrating** liquid, **penetrant**) is applied on the surface of the tested item.

4. MAGNETIC PARTICLE TESTING

Non-destructive testing of welds — **Penetrant** testing — Acceptance levels. **Penetrant** method of **non-destructive testing** is dedicated to detecting surface defects invisible to the naked eye. ... When performing testing a special wetting liquid (**penetrating** liquid, **penetrant**) is applied on the surface of the tested item.

Certification: QA/QC IN MECHANICAL ENGINEERING

Nexora Academy - Kochi, India

- Responsible for QA/QC documents of the complete project, including certificates, calibration, test results, inspection requests, non-compliance reports and site instruction/observations, permanent materials delivered, and other important QA/QC documents.
- Develop and determine all standards to perform inspections and tests on all procedures, oversee all testing methods, and maintain high-quality standards for all processes.
- Review the quality of all materials at the site, ensure compliance with all project specifications and quality, and collaborate with the department for all material procurement and quality materials.

Certification: QA/QC IN WELDING INSPECTION

Nexora Academy - Kochi, India

- Witness and monitor contractors welding activities, inspection and test in accordance with the approved Quality Plan, ITP, Quality Procedures and etc.
- Promote quality awareness throughout the organization, emphasizing excellence, continuous improvement and corrective action to influence the overall success of company business.
- Assist review of company Quality Plan, Inspection & Test Plan (ITP) and Quality Procedures and all pertained QA/QC documentation prior to commencement of any fabrication / construction work.
- Verify the implementation of PTW (permit to work) and other safety procedures.
- Conduct quality inspection at site locations in accordance with the Project's quality culture.

Certification: PIPING & PIPELINE ENGINEERING

Nexora Academy - Kochi, India

- Conducting site surveys and research to determine pipeline specifications and placement as well as pump sizes.
- Preparing and presenting technical materials such as cost estimates, pipeline layouts, and flow simulations.
- Calculating project requirements such as materials, budget, and time.
- Creating and developing digital designs such as pipeline maps, blueprints, and mechanical diagrams.
- Overseeing the construction and installation process of pipeline infrastructure and systems.



Languages

English		Excellent
Malayalam		Excellent
Hindi		Excellent
Tamil		Excellent
Arabic		Good



Certifications

- 2022-03 Certified Service Engineer- SABIC IBN ZAHR-2022
- 2021-02 Certified Service Engineer-SAUDI CHEVRON PHILIPS-2021