

RYAN CAESAR O. RAWAT

Alayao, Capalonga, Camarines Norte
Email: rcorawat@gmail.com
Mobile: +639754731647



PROFILE

A Mechanical Engineer with almost ten years of experience in handling Maintenance activities in oil and gas industry and one year in manufacturing industry. Six years as a Technician, one year as a Planning Engineer, and three years as a Supervisor.

EXPERIENCE

April 2021 - Present

Mechanical Supervisor, Delayed Coker Unit, Production B, Petron Bataan Refinery

- Supervises and prioritizes the Maintenance activities as per Risk Based Work Selection (RBWS).
- Ensures all activities are done in safe and with strict compliance with the Permit System.
- Ensures strict implementation of the Preventive Maintenance for the equipment in the unit.
- Ensures strict implementation of the Lockout Tagout Tryout (LOTOTO) during rotating equipment overhauling.
- Corrected the recurring problem on the winch wire rope for coke cutting tool.
- Prepares tools, equipment, spare parts, and manpower required for the scheduled activities.
- Prepares yearly budget (OPEX and CAPEX).
- Improved the Preventive Maintenance for Rotating equipment by strict compliance on the schedule.
- Night Shift Mechanical Supervisor in 2022 FCC2 Block Turnaround.
- Conducts rotating equipment repair such as pump pull-out, overhauling, mechanical seal repair/replacement, gearbox repair, bearing replacement, turbine overhauling, troubleshooting, rotor balancing, and rotating equipment alignment.
- Conducts wire rope replacement at Coke Handling Crane and winch wire rope and decoking cutting tool replacement.
- Overhauling/reconditioning, hydrotesting, pull-out and installation of Decoking Valve (Velan 4-way valve)

August 2019 - April 2021

Maintenance Planning Supervisor, Petron Polypropylene Plant, Petron Bataan Refinery

- Supervises and oversees all the planning and coordination of maintenance work, assisting in specific areas of assignment such as Mechanical Work, Electrical Work, Instrument and Control Work, Painting, and Insulation and Maintenance of Steel and Concrete Structures.
- Prepares and monitors the Budget (OPEX, CAPEX and ATEC - Application for Turnaround Expenses Capitalization) of Maintenance Department for the whole year.
- Prepares and monitors the monthly KPI of Maintenance Department.
- Prepares materials, manpower and contracts for routine, emergency shutdown and turnaround work for Mechanical, Electrical, Instrument and Building and Grounds.
- Improved the workflow process, billing processing and planning documents.
- Facilitated in establishing the Asset Policy of the PP Plant.
- Successful execution of January 2020 PPP Scheduled Shutdown and met the target completion.

October 2018 - July 2019

Routine Planning Engineer, Production B, Process Block 1, Petron Bataan Refinery

- Allocates materials, equipment and manpower required to implement maintenance works in accordance with the results of the risk-based work selection (RBWS).
- Generates and updates preventive maintenance, central maintenance, and emergency shutdown work schedules.
- Maintains an updated equipment database and provides essential information in spare parts interchangeability, material stock levels and equipment repair history.
- Prepares and analyzes Key Performance Indices and Measures (KPI's, KPM's) on Routine Maintenance particularly on planning effectiveness, schedule compliance, unit availability and maintenance cost variance.
- Assists Maintenance Supervisors and Manager in drafting yearly maintenance routine budget and closely monitors approved budget during implementation.
- Provides support function to the Planning Section on matters related to maintenance planning, resources acquisition, work list generation for contracting and coordinating with the Mechanical, Electrical and Instrumentation Section. Responsible in the proper administration of the Routine Maintenance flow.
- Involved in major Turnaround works execution in Petron Bataan Refinery as Routine Planning Engineer.

January 2013 - September 2018

Maintenance Technician -Production B, Process Block 2 / Delayed Coker Unit, Petron Bataan Refinery

- Assigned at Stationary Equipment shop, trained to use bending, shearing, rolling, welding, hydrotest pump machine, overhead crane, and other machine at shop. Also, did fabrication works.

- Conducts rotating equipment repair such as pump pull-out, overhauling, mechanical seal repair/replacement, gearbox repair, bearing replacement, turbine overhauling, troubleshooting, rotor balancing, and rotating equipment alignment.
- Involved in Petron Bataan Refinery Master Plan 2 commissioning - performed line/circuit checking in completeness, proper size and material of bolts, proper size, material and rating of gasket and correction of punch lists.
- Involved in major Turnaround works in Petron Bataan Refinery for stationary equipment such as catalyst replacement, refractory repair, exchangers, towers, drums, and repair of items that can only be done during TA.
- Can operate rough terrain 45T crane with NCII, shop overhead crane and forklift.
- Conducts wire rope replacement at Coke Handling Crane and winch wire rope and decoking cutting tool replacement.
- Overhauling/reconditioning, hydrotesting, pull-out and installation of Decoking Valve (Velan 4-way valve)
- Conducts exchanger repair, valve repair and hydrotesting.
- Operates torquing machine for bolt tightening (hytorc and spx).

January 2012 - December 2012

Maintenance Engineer

Fujitsu Die-Tech Corporation of the Philippines

- Ensures all equipment were in good condition by strictly implementing preventive maintenance.
- Performs troubleshooting and repair during equipment or process failure.

EDUCATIONAL AND TECHNICAL PROFICIENCIES:

Gov't License:	Registered Mechanical Engineer License No. 0077557 (10/28/2011)
Tertiary:	Bachelor of Science in Mechanical Engineering Camarines Norte State College (2006 - 2011)
Secondary:	The Sisters of Mary School Adlas, Silang Cavite (2001 - 2005)
Primary:	Talento-Roll Elementary School Alayao, Capalonga, Camarines Norte (1995 - 2001)
Technical Skills:	SAP Plant Maintenance Primavera AutoCAD Microsoft Office MS Projects

CO-CURRICULAR ACTIVITIES

- **National Quizzer,**
“57th PSME Annual National Convention QUIZ BEE” held on **October 22, 2009** at Philippine International Convention Center, Pasay City.
- **President of Philippine Society of Mechanical Engineers Junior Unit** S.Y. 2010 – S.Y. 2011

SEMINARS AND TRAININGS

- Introduction to Supervision (July 2022)
- Leading Teams Effectively in Crisis (May 2020)
- Internal Management Systems Audit (October 2019)
- Project Planning and control using Primavera fundamentals (November 2018)
- Intermediate MS PowerPoint and MS word Training (October 2018)
- Behavior Based Safety (BBS) Awareness [Batch 5] (November 2017)
- Refractory Installation Skills Training- Batch 2 (October 2017)
- Crane Operations and Maintenance Training- Batch 2, NCII (September 2017) - with certificate
- Environmental Awareness Course [Batch 2] (September 2017)
- Bolting Course - Batch 2 (August 2016)
- Scaffolding Erection and Safety Training, NCII (October 2015) – with certificate
- Operation and Maintenance Procedure Training of the 45T Terex Crane (October 2015)
- Basic Fire Safety and SCBA Refresher Training (April 2015)
- SAP-SRM Orientation (August 2014)
- Welding Seminar (December 2013)
- Basic Safety Training (April 2013)
- Confined Space Entry Certification Training (March 2013)
- Basic Fire Fighting and SCBA Training (March 2013)

PERSONAL INFORMATION:

Date of Birth:	January 26, 1989	Civil Status:	Married
Citizenship:	Filipino	Religion:	Roman Catholic
Gender:	Male		