

Oka Gunanta Ginting

Maintenance Engineer

Marelan, Medan, Sumatera Utara, 0851 2108 5184, okaginting3@gmail.com

SUMMARY

Results-driven Maintenance Engineer with over 10 years of experience in electrical maintenance and engineering roles. Proficient in equipment reliability enhancement and cost reduction strategies, achieving a 25% decrease in networking capital and a 10% cut in maintenance costs through Lean Six Sigma methodologies. Managed critical projects like greenhouse storage construction to optimize energy consumption. Eager to bring exceptional skills in planning and continuous improvement to effectively meet the operational goals of prospective employers.

WORK EXPERIENCE

09/2024 – Present

Specialist Electrical Maintenance, PT Indah Kiat Karawang, Indonesia

- Supervise electrical installations according to as build drawings.
- Create punch lists and non-conformance reports (NCR) for contractor follow-ups.
- Oversee Site Acceptance Testing (SAT) for electrical equipment.
- Ensure contractors adhere to project schedules.

08/2021 – 09/2024

Maintenance Engineer (Maintenance Department Head), PT Clariant Adsorbent Indonesia, Sumatera Utara, Indonesia

- Devised maintenance plans for critical equipment such as Raymond Mill, Feeding Screw, and Belt Conveyor.
- Achieved a 25% reduction in Networking Capital through the Lean Six Sigma - Green Belt approach.
- Instituted 5S, HACCP, ISO 9001, Halal, EHWA, and PRA methodologies.
- Enhanced equipment reliability and reduced downtime through comprehensive root cause investigations.
- Lead a project for the construction of a greenhouse storage facility to lower energy consumption.
- Realized a 10% decrease in maintenance costs within the maintenance budget.
- Managed Key Performance Indicators (KPIs) to track maintenance efficiency.
- Developed team competencies through targeted training and skill matrix implementation.

09/2019 – 07/2021

Manager Engineer Instrument and Control, PT Hasang Operation and Maintenance, Sumatera Utara, Indonesia

- Supervised generator installations and testing during commissioning phases.
- Conducted preventive maintenance and troubleshooting for unit and auxiliary instruments.
- Performed preventive maintenance for rotors and generators.
- Handled programming for PLC and SCADA systems.
- Monitored and configured HIPASE P and HIPASE E signals.

07/2017 – 09/2019

Electrical, Instrument and Control Engineer, PT Tanggamus Electric Power, Lampung, Indonesia

- Supervised generator installations and testing during commissioning.
- Conducted preventive maintenance and troubleshooting for rotors and generators.
- Performed preventive maintenance and troubleshooting for various electrical panels and transformers.

05/2015 – 06/2017

Electrical Supervisor, PT Central Pertiwi Bahari, Lampung, Indonesia

- Executed preventive maintenance and troubleshooting for diesel engines and auxiliary instruments.
- Conducted preventive maintenance for generators.
- Managed preventive maintenance and troubleshooting for medium and low voltage panels and transformers.
- Oversaw preventive maintenance and troubleshooting for PLC S7-300 systems.

EDUCATION

2006 – 2014

Institute Technology of Sepuluh November, Bachelor Degree, Electrical Engineering, Surabaya, Indonesia

SKILLS

Electrical Engineering Project Leadership Performance Improvement Instrument and Control Eng. Maintenance Planning	Preventive Maintenance PLC and SCADA Programming Energy Management Continuous Improvement Lean Six Sigma	Sparepart Management Root Cause Investigation Team Development Budget Management
--	--	---