

AURYEL LINDA RISWATI

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SUMMARY

A graduate of the Energy Conversion Engineering program from Semarang State Polytechnic. During my studies, I learned and developed concepts of energy conversion, machines, and electricity. I have internship experience at a Steam Power Plant that has equipped me with skills and understanding in the field of energy conversion. I am capable of working independently as well as in a team to achieve the established goals. I am ready to bring my experience along with my skills and interpersonal abilities to provide the best contribution to the company.

EDUCATION

Semarang State Polytechnic

August 2022 - August 2025

Mechanical Engineering Department

Diploma Program in Energy Conversion Engineering

- Proficient in the thermodynamics and machine maintenance.
- Operating small-scale power plant with Kaplan turbines, Pelton turbines, boilers, and solar power plants.
- Final Project : "Development of a Solar Power Plant (PLTS) Monitoring Tool Based on Internet of Things (IoT) Using Arduino Cloud Application with a Capacity of 1600 WP"

State Senior High School 1 Kayen

July 2019 - May 2022

Mathematics and Natural Sciences Major

Relevant Subjects: Physics, Chemistry, and Mathematics

- Having an understanding of basic concepts of mechanics and electricity.
- Understanding and analyzing natural phenomena and the latest technology.

INTERNSHIP EXPERIENCE

PT. PLN Nusantara Power UP Rembang

August 2024 - December 2024

Departement of Engineering, System Owner Turbin

- Identifying potential failures or damage in the system through FMEA method.
- Involved directly in the inspection and daily servicing of power plant units (Turbine, Boiler, Fan, Mill, and Desalination Plant) and involved in the dismantling of the boiler and turbine during the overhaul.
- Performing maintenance on the power plant equipment.

ORGANIZATION EXPERIENCE

Mechanical Engineering Student Association

May 2023 - May 2024

Member of the Reasoning Field

- Serves as secretary of reasoning department and coordinator of the PKM socialization implementation.
- Assist the chief secretary in creating activity reports, proposals, and recording meeting results.
- Applying science and technology to the community through work programs.
- Organizing community service activities as the organizing committee.
- Organizing activities in the field of science for the general students as a means to develop students' potential through work programs.

Student Activity Unit Knowledge Development

July 2023

Public Relations Staff

- The coordinator of the emoclew activities conducted for the introduction of the Student Activity Unit for Knowledge Development to new students, second-year students, and third-year students.

CERTIFICATION

Competency Certificate for Steam Turbine Maintenance Executives

PT Certification of Electrical Competence

SKILL

Technical Skills

- Damage analysis using FMEA method.
- Ability in performance analysis.
- Understanding the principles of Thermodynamics and maintenance.
- Use of Engineering Software (Visio, Auto CAD)

Personal Ability

- Teamwork and Communication.
- Precision and Attention to Detail.
- Analysis and Problem Solving.
- Time Management and Leadership.
- Use of Microsoft Office