FERRY ARDIKA NATANAEL

**Area of Expertise**

* Refinery Maintenance Planning and Scheduling
* Instrumentation Engineering
* Control System Engineering
* Instrument Calibration
* SCADA and HMI Design
* Maintenance Program

**PROFESSIONAL**

* Instrument and Calibration for Oil and Gas Equipment Certification
* InTools Software
* AllenBradley Controllogix
* Engineering design using CAD
* Health and Safety Electrical Certification
* Root Cause Analysis

**PERSONAL SKILLS**

* Able to Travel
* Communication skill
* Work under pressure and less supervising
* Focusing on time, result, and quality
* Leadership ability
* Strong Learning Willingness

**PERSONAL DETAILS**

Perum Pakunden Jl. Toba FII/1  
RT.02 RW.05 Kel. Tanjungsari Kec. Sukorejo  
Kota Blitar, East Java, Indonesia

Passport no: X 102973

Mobile : +6281232851336

Email : ferryardikanatanael@yahoo.co.id

*BOD : 18/12/1987*

*Driving License : Yes*

*Nationality : Indonesia*

*Website :* energy-techno@blogspot.com

INSTRUMENT AND CONTROL ENGINEER

MAINTENANCE PLANNING ENGINEER

Personal Summary

A competent instrument and control engineer and maintenance planner with a comprehensive knowledge of designing, developing and maintaining instrument and control systems and components to required specifications, focusing on economy, safety, reliability, quality and sustainability. A consistent track record of successfully in maintenance activity and completing projects from the concept and detail of the design through to implementation, testing and handover.

Having competencies for being an instrument engineer and also maintenance planner that oriented to inter-departments team work, work based on time, result, and quality, focusing on goal to reach the best result for equipment reliability and sustainability.

Having a comprehensive understanding of electrical health and safety regulations, I am currently senior instrument engineer position in your company.

Work Experiences

September 2015-Present

PT. Pertamina, Refinery Unit VI Balongan

[Position Held]

* Maintenance Planning Engineer

Duties:

* Making maintenance program for refinery’s instrumentation.
* Making coordination with engineering department for repairing process.
* Organizing schedule for preventive, corrective, and shut down maintenance.
* Composing proposal for corrective and shut down maintenance.
* Making arrangement with vendors for corrective and shutdown schedule.
* Reading electrical and instrumentation design specification and technical drawings.
* Attending meeting, writing reports, and giving presentation to senior planner.

Key Skills and Responsibilities:

* Ability to read Operation and Maintenance Manuals.
* Able to work with all engineering team.
* Able to work under pressure and less supervising.
* Able to work in tight schedule.
* Ability to prioritize and plan effectively.
* Ability and also willingness to work in all weather conditions.
* Time, result, and quality working orientation.

November 2012-September 2015

PT. Jasapower Indonesia (Adaro Energy Group)

[Position Held]

* Electrical and Automation Engineer

Duties:

* Identifying problems and defect on our crushing and conveying system.
* Using computer-assisted engineering and design system.
* Making improvements in instrumentation design and machine programs.
* Troubleshooting instrumentation and control system problems.
* Calibrating sensors, transducers, or any equipment.
* Attending and arranging meeting on the site.
* Preparation for electrical procedures for installation and repairs.
* Reading electrical and instrumentation design specification and technical drawings.
* Run routine preventive and corrective maintenance schedule.
* Attending meeting, writing reports, and giving presentation to supervisor.

Key Skills and Responsibilities:

* Ability to read Operation and Maintenance Manuals.
* Able to assist or instruct electrician and wireman.
* Willing to be on a call out for emergency callout.
* Strong decision-making skill and the ability to prioritize and plan effectively.
* Ability to work in team.
* Ability and also willingness to work in all weather conditions.

April 2012-October 2012

PT. Honda Prospect Motor

[Position Held]

* Quality Control Staff

Duties:

* Controlling inspection process on pre-production and post-production.
* Making daily report about quality achievement.
* Making analysis about defect that occur in often.
* Attending meeting, writing reports, and giving presentation to chief.
* Proposing solutions/improvements for reducing defects whilst production process run.
* Proposing improvements for repairing process if any defects found to reduce delay time delivery.

Key Skills and Competencies:

* Communication skill and well coordination with another department.
* Able to assist or instruct workers and repairman.
* Willing to be on a call out for emergency callout.
* Strong decision-making skill.
* Oriented on quality target.
* Ability and also willingness to work in all weather conditions.

September 2011-March 2012

PT. Karunia Prima Engineering

[Position Held]

* Instrument and Control Engineer

Duties:

* Identifying customer requirements, making models and prototype of products.
* Using computer-assisted engineering and design program
* Making instrumentation design according to customer needs.
* Making machine software, HMI, and SCADA designs.
* Reading Instrumentation design specification and technical drawings.
* Preparation of Electrical procedures for installation test and commissioning.

Key Skills and Competencies:

* Ability to read Operation and Maintenance Manuals.
* Able to assist or instruct electrician and wireman.
* Willing to be on a call out for emergency callout
* Strong decision-making skill and the ability to prioritize and plan effectively.
* Ability and also willingness to work in all weather conditions.
* Able to make project schedule and coordinate all subordinate.
* Excellent customer facing and communication skills.

Education

August 2006-September 2011

Sepuluh Nopember Institute of Technology, Surabaya

[Degree]

* Bachelor Degree of Electrical Engineering

July 2002-July 2005

SMAN 1 Blitar

[Degree]

* Senior High School Degree

References

References are available upon request.