

CURRICULUM VITAE

PERSONAL INFORMATION

Full Name : Mufid Wicaksono
 Place & Date of Birth : Tasikmalaya, 31 January 1983
 Sex : Male
 Weight / Height : 55 kg / 155 cm
 Marital Status : Married
 Nationality : Indonesian
 Languages : Indonesia Bahasa, English
 Discipline : Instrumentation
 Years of Experience : ± 13 Years
 Special Knowledge : Construction, Commissioning



CONTACT INFORMATION

Current Address : Jl. Danau Tempe II 166 Depok, West Java, Indonesia
 Contact No. (Cell Phone) : 6281314396566
 Email : mufidw@gmail.com

EDUCATION BACKGROUND

INSTITUTE	QUALIFICATION	YEAR
University of Indonesia	Bachelor Degree of Physic Instrumentation	2007

TRAINING ATTENDED / CERTIFICATE HOLDER

COURSE/TRAINING	CERTIFICATE NO.	YEAR
Instrument Inspector Level 1 (http://www.instrumentinspector.com/cert/searchingI2LC.html)	310183140919	2019
Work Management System by Lotte E&C.	N/A	201
PLC Allen Bradley Controllogix by PT. Arena Indotech Mandiri	AM011704001	8
		201
		7

COMPUTER LITERACY/PROGRAM

PROGRAM/SOFTWARE	LEVEL
RSLogix 500 & RSLogix 5000 for Allen Bradley PLC	Basic
InstruCalc	Intermedia
Integrapp INtools	te Basic
AutoCad	Basic
Microsoft Office (Word, Excel, Power Point, Visio)	Intermedia
	te

SUMMARY

13+years of experience in Construction and Commissioning in the Oil & Gas Industry and Power Plant. Experienced working for both the client and the contractor.

Familiar with engineering documents and engineering software. Understand to read logic programs on the controller such as PLC or DCS.

Calculated the requirement of the project, selected material to meet the design, and produce the document such as installation procedure or testing procedure.

Understand using calibrator tools or testing tools.

PROFESSIONAL EXPERIENCE

Period

Employer

Client : January 2024 - Now

Project : Black & Veatch

Position : Amman Mineral Nusa Tenggara
: Batu Hijau-1 CCPP 450 MW

Job Description: : Site I&C DCS Engineer

1. Responsible for monitoring all C&I work (Installation, testing, start-up, commissioning) in accordance with all

specifications, procedures, codes, and standards

2. Conduct Inspection of construction works, witnessing pre-commissioning, start-up, and commissioning tests and submission of reports where construction works or testing is either non-compliant with the Construction service Contract, the Equipment Supply Contract, or start-up and commissioning contracts for Site Representative Project Manager.

Period : September 2023 – December 2023

Employer : Empat Mitra Indika Tenaga Surya (EMITS)

Client : PT Petrosea Tbk.

Project : PSF Decarbonize Pilot Project 116 kW

Position : Commissioning Engineer

Job Description:

1. Responsible and ensure that the BESS system is integrated with PLTS and operates according to design.
2. Coordinate with the PM regarding the commissioning process on site.
3. Responsible for carrying out the troubleshooting process on the BESS system.
4. Coordinate & communicate with BESS manufacturers.
5. As a Lead Process for the BESS commissioning process.
6. Coordinate the entire process of the commissioning to EMITS Client.

Period

Employer : October 2020 – May 2023

Client : Cirebon Energi Prasarana

Project : Cirebon Energi Prasarana

Position : Cirebon 2 1x1000MW Project
: Control and Instrumentation Engineer

Job Description:

1. Responsible for monitoring all C&I work (Installation, testing, start-up, commissioning) in accordance with all

specifications, procedures, codes, and standards. Mainly in PLC and DCS.

2. Perform reviewing drawings, specifications, and the EPC Contracts to investigate and prepare reports for non-conforming works.
3. Conduct Inspection of construction works, witnessing pre-commissioning, start-up, and commissioning tests and submission of reports where construction works or testing is either non-compliant with the Construction service Contract, the Equipment Supply Contract, or standards and codes listed in the contracts.
4. Coordinate with related department/section for making the project execution easy and smooth - to achieve the tasks successfully.
5. Note and Report to Site Representative Project Manager regarding Violation of Contract Specification.
6. Prepare daily report and daily monitoring for Site Representative Project Manager.

Period : March 2020 – September 2020

Employer : Haman Energy Indonesia
 Client : Black and Veatch - Indonesia Power
 Project : Lontar Extension CFSP (Coal-Fired Steam Power Plant) 1x315MW Project
 Position : Instrument and Control Commissioning

Job Description:

1. Instrumentation Loops Testing, Function Test, Sequence Test, Cause & Effect Test.
2. Communication test between DCS and other controller package.

Period

: July 2019 – December 2019

Employer : SGS (Société Générale de Surveillance) Indonesia
 Client : Indonesia Power
 Project : Darajat Geothermal Steam Turbine DEHC Modernization Project 1 x 55 MW
 Position : Instrument and Control Commissioning Engineer

Job Description:

1. Review of Technical Document, Calculation & Datasheet, Software Functional Design, and Procedure.
2. Involved in FAT.
3. Supervise Construction, SAT, and Commissioning.
4. Prepare daily reports and monthly reports to the Owner/Client.

Period

: July 2018 – July 2019

Employer : SGS (Société Générale de Surveillance) Indonesia
 Client : Indonesia Power
 Project : Salak Geothermal Steam Turbine DEHC Modernization Project 3 x 60 MW
 Position : Instrument and Control Commissioning Engineer

Job Description:

1. Review of Technical Document, Calculation & Datasheet, Software Functional Design, and Procedure.
2. Involved in FAT.
3. Supervise Construction, SAT, and Commissioning.
4. Prepare daily reports and monthly reports to the Owner/Client.

Period

: January 2018 – June 2018

Employer : Global Power Project
 Client : Lotte E&C - Indonesia Power
 Project : Grati CCPP (Peaker) Extension Project 450MW
 Position : Field Instrument & Control Commissioning Engineer

Job Description:

1. ~~Worked~~ Conducting in Instrumentation loops Testing, Function Test, Sequence Test, Cause & Effect Test on DCS Controls Room and GT Control Room.
2. Actual Calibration all field devices appropriate with datasheet.
3. Instrument troubleshooting as per the P & ID diagrams, schematics, thorough inspection of the DCS system graphics, and readings.
4. Communication and Logic test between DCS Control Room and machine package.

Period : May 2017 – September 2017

Employer : PT. Global Haditech
Client : SKK Migas
Project : Real Time Monitoring System for Oil Production and Lifting.
Position : Electrical and Instrument & Control Engineer

Job Description:

1. ~~Installation~~ and Commissioning of metering package include with PD Meter, temperature transmitter and pressure transmitter.
2. Prepare drawing (installation, hook-up and schematic) and documents (specifiaton, datasheet, check sheet and procedure).
3. Setting and programming panel and modem.
4. The areas to be installed include ; Pertamina EP 1 Asset Ramba (SP KM 102, SP KM 139, SP Tanjung Laba and SP Central Ramba) and Chevron Pasific Indonesia (Duri area).

Period : November 2016 - February 2017

Employer : PT. Tracon Industri
Client : PTPN V Palm Oil Factory – Pekanbaru, Riau, Indonesia
Project : Commissioning Steam Turbin and Boiler
Position : Electrical and Instrument Commissioning Engineer

Job Description:

1. ~~Specialist~~ services for commissioning.
2. Review vendor documents such as specification, datasheet and certificate of calibration.
3. Participate testing of instrumentation system, electrical interlock, function test and logic test.
4. Electrical and Instrument troubleshooting as per the P & ID diagrams, schematics, thorough inspection of the DCS system for graphics, and readings.
5. Participate start-up Boiler 60 Tons/Hour (Advance BE Series) with Steam Turbine 1500kw and 2150kw (Dre Rand 703WB).

Period : December 2015 – June 2016

Employer : Orion Indonesia Group
Client : Exxon Mobil Ltd
Project : EPC-1 (Crude Oil Central Processing Facility)
Position : Instrument Commissioning

Job Description:

1. ~~Worked~~ Conducting in Instrumentation loops Testing, Function Test, Sequence Test, Cause & Effect Test in DCS Controls Room using P&ID, Controls Narrative and Cause & Effect sheet form.
2. Actual Calibration all field device appropriate with datasheet.
3. The work area covering Gas Turbine Generator (Taurus 65 Series - Solar Turbine Package 8 x 6.5 MW) with Heat Recovery Steam Generator (HRSG), Separator Area and Thermal Oxidizer.
4. Supporting for Start-Up activity with Exxon Mobil team.

Period : October 2014 – November 2015

Employer : Depriwangga Engineering
 Client : Pertamina EP 3
 Project : Upgrading Gas Turbine Compressor Project – SP Subang
 Position : Instrument and Control Engineer

Job Description:

1. Provide technical input between Vendors - Pertamina EP in review document such as installation drawing, schematic diagram, P&ID, and loop test.
2. Checking specification, installation, calibration and inspection of instrumentation system and electrical for interlock, logic for process control.
3. FAT, I/O Test, cause effect matrix test for separator system, scrubber system, fuel & seal gas system for gas engine generator package and air instrument package.
4. Start-Up for Gas Turbine Compressor (Centaur 50 Series - Solar Turbine Package).
5. Inspection material and installation before testing.

Period : June 2013 – June 2014

Employer : Urawa Rekayasa Mandiri
 Client : Star Energy Geothermal
 Project : Wayang Windu Geothermal Project
 Position : Electrical and Instrument Control Engineer

Job Description:

1. Supervision construction.
2. Produce document such as activities with progress, MTO (Material Take Off), technical & specification report, works procedure, pre-commissioning & commissioning, and testing plant.
3. Coordination with material control and purchase dept. to monitoring arrival material on site to be match with schedule.
4. Identifying problems and shortcomings with existing systems.
5. Report periodic updates to the client and facilities management teams.
6. Ensuring that equipment works to its specification.
7. Loop check, IO Check and Actual Calibration all field device appropriate with design engineering.
8. Process Control System and Emergency Shutdown System Test.
9. Commissioning and Star-up.

Period : March 2013 – May 2013

Employer : Punj Lloyd Indonesia
 Client : Conoco Philips Grissik Line (CPGL)
 Project : Sumpal Expansion Project
 Position : Instrument Commissioning Engineer

Job Description:

1. Review technical document from vendor.
2. Make sure the equipment appropriate with end-users specification.
3. IO Test, Loop check, re-calibration field device and supporting on process and emergency system test and writing reports with documentation.

Period	: April 2012 – Feb 2013
Employer	: PT. Indolakto
Client	: PT. Indolakto
Project	: New East Factory – Pasuruan, East Java,
Position	Indonesia : Automation Test Engineer

Job Description:

1. Identifying problems and shortcomings with existing systems.
2. Ensuring the safe testing and commissioning of completed installations to achieve the necessary plant performance in accordance with project program requirements.
3. Integration test between other discipline such as boiler or Nitrogen system with process system.

Period	: April 2008 – March 2012
Employer	: PT. Somit Karsa Trinerigi
Client	: -
Project	: -
Position	: Automation and Instrument Engineer

Job Description:

1. Design automation and integration system.
2. Programming Programmable Logic Control for Shut down system, Safety Alarm System, Monitoring System Fire and Gas System.
3. Troubleshoot and Modification service PLC System.

Project Achieved:

- Upgrading Stacker and Reclaim System – Krakatau Steel, Cilegon, Indonesia. (Engineering, Programming Control Logix&Compact Logix with DC Drive and Commissioning).
- Replacement Control Panel – Camar Resource Canada Inc, Bawean, Indonesia.
- Modification Compressor System – Northern Explorer, Biak Island, Papua, Indonesia. (Modification on SLC)
- Instrument Air Dryer – Medco E&P, Palembang, Indonesia. (Modification, Installation and Testing)
- Fire Detection System – Tunu 11S Total E&P, Kalimantan, Indonesia. (Installation and Commissioning).