**RESUME**

| **RUDI JAYA PERMANA**    Mobile: 081553078033  Email : permana201172@gmail,com  **------------------------------------------------------------------------------------------------------------** |  |
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**Instrument technician**

**PT Karya Patra Wiralodra (KPW)**

I worked as Instrument **Supervisor** for TA in NPU / DTU since March to May 2022 (2 month) and to manage the a job as required its located in **PT Pertamina persero kilang pertamina RU IV balongan indramayu (KPI**)

Iam monitored to control how Contractors and vendor can makesure all of the jobs on Control Valve and Instrumentation that will be healty and work properly condition such the things like.

* Pneumatic actuator with positioner, (I/P), Flowserve with Electro-pneumatic positioned, Foxboro (pneumatic actuator with positioner, I/P) , Valtek (pneumatic actuator with positioner, I/P), Fisher Rosemount (pneumatic actuator with positioner, I/P) Calibration and maintenance of HART protocol based pressure transmitter with HART 475 Multi function Process Calibrator to drop and servicing overhauling many of the contol valve and transmitter after that need to re install back to the site we make sure all of them working fine as its and verify on the field

**PT Timas Suplindo**

I worked as Instrument **Commissioning** for around (2 month) since May to June 2022 manage the a job as required its located in ***Husky*-CNOOC Madura Limited HCML Madura Offshore areas** MBH, and MDA

* Calibration and maintenance of HART protocol based pressure transmitter with HART 475 Multi function Process Calibrator to drop and servicing overhauling many of the control valve and calibrated transmitter in worshop after that re install back to the site make sure all of them working fine as its and verify on the field

# **Tasnee Petrochemical Saudi Arabia:(2008 – 2021)**

Responsibilities:

I am working as Instrumentation & Control Technician for HDPE and LDPE and PP Plant.

Involved implementing the in tools Database like Instrument Index, Cable schedule, Termination Schedule; Instrument Loop Diagram; Foundation Field bus; preparing the designs with in tools and also producing the electronic and wiring Drawings

**Duties & Responsibilities:**

My duties were included troubleshooting, repairing of Instrumentation, calibration of instruments (pressure, flow, temp, level etc.), preventive maintenance of tank farm area & field instruments, checking all laboratories equipment, e.g. analyzers for portable electrical tools & equipment, maintenance, Overhauling and calibration of all instruments and actuators, control valves, Calibration, Installation and commissioning of all kinds of Instruments such as flow, Level, Pressure and Temperature Transmitters, RTD & Thermocouples.

Responsible for timely completion of the assigned jobs and maintenance.

Confirming that the Calibration of the instruments match with the specifications in the Instrument Data Sheet.Calibration of instruments as per field parameters using HART communicator, Temperature & Pressure calibrator and Simulator reparation of technical query for field instruments Loop checking between instruments, LCP, PLC and DCS.

#### Function test, logic test and pre- commissioning of various systems

# **Construction and commissioning**

* Fisher & Rosemount pneumatic and electronic controllers

# **Control Systems and Controllers**

* Fisher & Rosemount pneumatic controllers , Foxboro SDR199 Eckardt Series electronic controllers
* Siemens, Yokogawa, Honeywell , Mitsubishi, Taylor, Masoneilan, Magnetrol
* ABB,

# **Transmitters**

* ABB, Rosemount (HART), Foxboro, Yokogawa,

Endress & Hauser, Fisher

# **Control Valve**

* Honeywell (pneumatic actuator with positioner, I/P ), Flowserve with Electro-pneumatic positioned, Foxboro (pneumatic actuator with positioner, I/P) , Valtek (pneumatic actuator with positioner, I/P), Fisher Rosemount (pneumatic actuator with positioner, I/P)
* Auma (motorized butterfly, globe, & three way valve)
* MOV (motorized Operating valve)

**Trans Pacific Petrochemical Indotama – Tuban (2005-2008)**

Responsibilities:

I am working as Instrumentation & Control Technician for Power and utility area Desalination Plant Water Transmissions system Areas of work responsibility include the preparation of Instrument Index, Cable schedule, P&ID, Instrument Location Layout; Cable & Cable Rack Routing; JB Location Layout; Cable Block Diagram; Instrument Loop (ILD) I monitored for Gas Turbine MS5000 GE Nouvo pignone with electrical capacity is 40 MW for each one and we had 6 gas turbine unit for all around

And I was trained in ITALY for Gas Turbine Speedtronic Control system

# **Control System**

* PLC (Program Logic Control, Yokogawa, Allen Bradley RS logic)
* Single loop Controller (ABB controller, Yokogawa, )
* Interlocking system ESD (Emergency shutdown system) Logic Manager, Relay and DCS system, Honeywell
* Calibration Transmitter for Electric & Pneumatic model

# **Vibration Monitoring**

* 3300/3500Vibration Monitoring (Bentley Nevada**)**

# **Control Valve and Actuator**

* Ball Valve (Kitamura, Koso, Keystone and etc.)
* Rotary Valve (Keystone, Masoneilan, Samson, Fisher Rosemount, Valtex, Kit, Kitamura, and Yamatake)
* Globe, Camflex, angle valve (Keystone, Masoneilan, Samson, Fisher Rosemount, Valtex, Kit, Kitamura, and Yamatake)
* Solenoid Valve (Asco,Parker)
* Diaphragm and cylinder actuator with smart positioner or conventional

# **Flow Meter**

* Ultra Sonic Flow Meter (E+Hauser, Krohne, yokogawa, Fuji Electric)
* Micro Motion/Mass flow meter (E+Hauser, Krohne, Oval, Yokogawa, Fisher)
* Orifice Flow Meter (Yokogawa, Fisher, Yamatake)
* Positive Displacement Flow Meter (Oval)
* Turbine Flow Meter (Oval)
* Magnetic Flow Meter (Yokogawa, E+Hauser)
* Rota meter (Tokyo Keiso)
* Vortex Flow meter (Yokogawa, Oval)

# **Level Meter**

* Tank Gauge Float type (Tokyo Keiso)
* Radio Active Level transmitter(Ohmart)
* Displacement Level Transmitter (Oval, Yamatake)
* Tuning Fork
* Echo Wave ( E+ Hauser
* Radar (E+ Hauser)
* Capacitance Level Transmitter (E + Hauser)
* DP Level Transmitter ( Yokogawa, Fihser)

# **Temperature**

* Thermocouple (Yamary, Okazaky)
* RTD (Yamary, Okazaky)

# **Dian Swastatika Sentosa –Karawang (1997-2005)**

Responsibilities:

I am working as Instrumentation & Control Technician for Power Plant

* Quality Plant (Instrumentation of Power Plant/Co-Generation)
* Gas Turbine Plant (LM 6000), 64 MW
* Boiler Plant, 90 tons 1000 Kpa Process Control
* Heat Recovery Steam Generator, 250 Tons 62 Bar Process Control
* Steam Turbine plant, 32 MW
* Demin Plant Process Control
* Control Process Power Plant
* Boiler Medium Pressure, 30 Tons 1500 Kpa Process Control

**Regular duties and Job Responsibilities**

* Maintain and troubleshooting Instrumentation , include :

1. Calibrate and Troubleshooting Control Valve Electronic or Pneumatic
2. Calibrate and Troubleshooting Pressure Gauge or Absolute and Temperature Transmitter.
3. Calibrate and Troubleshooting Pressure Switch and Temperature Switch
4. Calibrate and Troubleshooting Pressure and Temperature Gauge
5. Calibrate and Troubleshooting pH, Conductivity and Oxygen Analyzer

* Maintain and trouble shooting , include :

1. Heat Recovery Steam Generator ,Deltax USA & BMS Jhon Jhink
2. Boiler Welman Robey ( European Type ) Low Pressure ,5 bar and Medium Pressure, 15Bar
3. Gas Turbine GE LM 6000
4. Steam Turbine Mitsubishi
5. Demin Plant USF Permutit ,Australia
6. Main Gas Compressor, Ariel USA.
7. Air Instrument Compressor , Ingersoll Rand

* To ensure all ISO 9000 Ver.2000 procedure are implemented and record are update.
* To ensure that planned preventive maintenance is carried out as per schedule.

# **Indorama Polyester - Purwakarta (1996-1997)**

Responsibilities:

I am working as Instrumentation & Control Technician for Polyester Plant

I am responsible for day-to-day plant maintenance, breakdown maintenance, periodic preventive maintenance, schedule overhauling of instrumentation.

#### Areas of work responsibility include the preparation Instrument Index, Cable schedule, P&ID, Instrument Location Layout; Cable & Cable Rack Routing; JB Location Layout; Cable Block Diagram; Termination Schedule; Instrument Loop Diagram; Instrument. Preparing the designs and managing the database with in tools and also producing the electronic ILDs and wiring**.**

A short description of my responsibilities is as follows

* Calibration and maintenance of HART protocol based pressure transmitter with Fisher HART Communicator/calibrator 275
* Fluke 725 And 475 Multifunction Process Calibrator
* Vibration Monitoring System 3500, & Allen-Bradley Rockwell

The XM™ Series On-Line Vibration Monitoring Systems

* Troubleshooting, calibration & maintenance of all field, panel mounted and quality control instruments (Siemens Pressure Transmitters, pH-meters, conductivity meters, Transducers, Chlorine meter & Fisher Rosemount Pressure Transmitters)
* Maintenance and calibration KHRONE Flow meters
* Motor and hydraulic operated valves with E & H proximity switch for position indication
* Control valves (Hydraulic)
* Quality Monitoring & Analyzer (Teledyne pH, Conductivity analyzers)

# **South Pacific Viscose - Purwakarta (1992-1996)**

Responsibilities:

I am working as Instrumentation & Control Technician for viscose , spin bath, spinning , effluent Plant and etc

* Coordinating with other departments for the Permit to Work System in terms of issuing, accepting and clearing permits.
* Technical study and evaluation for scope of work for any design change request.
* To lead and motivated, committed and disciplined team of technicians.
* To ensure that planned preventive maintenance is carried out as per schedule.
* To ensure effective and qualitative work of technician for continuous downtime reduction.
* To review and optimize preventive maintenance activities periodically to ensure effective and optimize resource are deployed (man Power).
* Maintain and trouble shooting for Gas Turbine LM 6000 type
* Leader for Commissioning team

In addition to above responsibilities I am also supervising the following activities.

* Coordinating with other departments for the Permit to Work System in terms of issuing, accepting and clearing permits.
* Technical study and evaluation for scope of work for any design change request.
* Member of team to update and implement standard job instructions
* Carrying out Coordination meetings with planning and operation departments for the unresolved issues.

I hereby declare that the above information is true and correct to the best of my knowledge.

PERSONAL PROFILE:

Date of Birth ; 20-November-1972

Home Address : Perum Griya Ciwangi block G4 no 6 Purwakarta

Nationality ; Indonesian

Religion ; Muslim

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Best Regards,

(RUDI JAYA PERMANA)