

CURRICULUM VITAE

PERSONAL DATA :

Name : I NYOMAN SUPARTA (Sr. Mechanical Engineer)
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PERSONAL SUMMARY :

Having more than 20 years extensive experiences in Rotating and Package Equipment for FEED, Detail Engineering, EPC, of Oil & Gas (Offshore & Onshore), Petrochemical, Refineries and Fertilizer Plant Industries from design until EPC. I handle wide range of rotating equipments such as Pumps (API 610 & ANSI), Fire Water Pump, Diesel Engine Generator, Gas Turbine Generator, Steam Turbine driver for pump, Compressors, Instrument Air Compressor, Nitrogen Package, Desalination Pkg, HVAC, Over Head Crane, etc. Responsibilities have been included engineering, designing, administering, organizing, delivering, and executing different phases of project such as FEED Engineering, Detail Engineering, Contract Blanket, Engineering Procurement & Construction (EPC), commissioning of rotating & package equipment. Sound knowledge of International Mechanical Rotating codes and standards such as API, ANSI, ASME, NFPA, HI, ISO, NACE, etc. Two years as safety engineer in designing and installation activities, Two years as a coordinator of Information handover data activities under PMT team for Tangguh LNG project train 1 & 2, 3. Two years as Supervisor in manufacturing. Strong Interpersonal, Team Working, and Leadership skills, and effective communicator with excellent relationship, and strong analytical, problem solving and organizational abilities.

CORE COMPETENCIES AND SKILLS

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|----------------------------------|----------------------------------|
| ❖ Scope, Cost & Time Management | ❖ Vendor Document Reviews |
| ❖ Engineering estimates | ❖ Design Change Management |
| ❖ Manpower planning | ❖ Scope Change Management |
| ❖ Bid Proposal Support | ❖ Technical Audit |
| ❖ Technical Specifications | ❖ Safety design and Installation |
| ❖ Equipment Data Sheet | ❖ Factory Acceptance Test |
| ❖ Engineering coordination | ❖ Constr. Work Package (CWPs) |
| ❖ Technical Bid Evaluation (TBE) | ❖ Operation & Maintenance |
| ❖ Material Requisitions (MRs) | |
- Experienced in leading FEED studies, Detailed Engineering, Construction and Commissioning support
 - Co-ordination with other Engineering Disciplines includes clash study & Inter Discipline document review etc, Procurement / Buyer team, Vendors & Client, Inspection and Factory Test, Site erection team & Pre-commissioning activities, technical conflict resolution etc.
 - Also have experience in installation, commissioning, operation & maintenance, quality assurance, manpower planning for large scale process industry projects.

- Have rich experience of handling a site team as in-charge for installation of Mechanical Rotating Equipment such as Pumps (API 610-ANSI), Fire Water Pumps, Gas Turbine, Compressors, Instrument Air Compressor, HVAC, and Package Equipment.
- The major equipment / packages handled includes Reciprocating Air Compressors (API 618) Centrifugal Pumps (API 610 & ANSI), Reciprocating Pumps (API 675, API 674), Rotary Pumps (API 676), Produced Water Treatment, Chemical Injection System, Fire water pumping system (NFPA 20), Nitrogen generation Package, Steam Generator, Filters, Utility packages like EDG, Sewage Treatment Package, Oily water separator, Freshwater generators (RO and Vapor Distillation type), HVAC, Over Head Cranes (API 2C).
- Knowledge of codes and standards (ASME, ASTM, ANSI, API, NACE, NFPA, etc.)
- Reading & Understanding of all P&ID, Technical Drawings & Vibration Data Collection Analysis.
- Training given to the New Employees about Turbo Machineries & Plant Equipments
- Worked about Pump Performance test calculation curve match with Industrial curve.

ACADEMIC PROFILE :

- Bachelor degree of Mechanical Engineering (Energy Conversion) of Adhi Tama Institute Technology of Surabaya (ITATS).

CERTIFICATION :

- Certification of basic vibration, Certificate of completion for successfully completing all required coursework and training for Mitsui-Alstom Steam Turbine, Certificate for Milton Roy Metering Pump, Certificate of Dasar Desain Teknis Power Plant Geothermal by INKINDO, Certificate of Basic Safety Training.

PROFESSIONAL WORK HISTORY :

1. Jan 2021 – Present : PT. Tripatra Engineers and Constructors, Jakarta

Project : Tangguh LNG Train 3

Location : Papua barat – Irian Jaya

Plant Owner: British Petroleum (BP)

Position Held: Sr. Field Engineer

Responsibilities: Tag Validation and controlled all equipment especially for the tag numbers should be same as per drawing and also FAT, Commissioning. Checking all drawing, P&ID, and all vendor Information.

2. Mar 2019 – Dec 2019 : PT Worley Engineering, Dammam, Arab Saudi

Project : Vibration line of Pump with 1000 kW project

Location : Arab Saudi

Plant Owner: ARAMCO

Position Held: Sr. Mechanical Rotating Engineer

Responsibilities: Ensure the design for Mechanical Rotating Equipment shall be comply with ARAMCO specification.

3. April 2017 – April 2018 at ENTREPOSE – IKL

Project : Partex Petro Ltd, Sylhet Gas Field
Location : Bangladesh
Plant Owner: Partex Petro Ltd, Sylhet Gas Field.
Position held: Lead of Mechanical Rotating Engineer
Responsibilities: Developing project specification, data sheet, Review TBE, 3Dmodels review, and also installation adviser of Pumps, Reciprocating Compressor, Loading Arm, Chemical Injection Pkg, Water Treatment Pkg, Air Compressor Pkg, Corrosion Inhibitor Pkg, engineering design review, Technical Coordination meeting with other discipline.

4. September 2012 - June 2016 at PT. Tripatra Engineering and Construction, Jakarta

Project : Jambaran Tiung Biru (JTB) (Proposal Project)
Location : Bojonegoro – Jawa Timur
Plant Owner: Pertamina EP-C
Position held: Lead of Mechanical Rotating Engineer
Responsibilities:
a. Developing standard and cost effective mechanical rotating equipment engineering processes that meets client standards.
b. Review technical document, vendor quotation, technical clarifications, and 3D model review.
c. Technical clarification meetings with other discipline to ensure the design and technical are comply with the project specifications and requirements.
d. Prepare detail drawings and generating basic design of rotating equipment.
e. Handles a wide variety of Rotating Equipment such as API 610 Pump with Electric Motor Driven and Steam Turbine Driven, ANSI Pump, API 675, 676, Instrument Air Compressor, Chemical Injection Pkg, Nitrogen Generation Pkg, Gas & Fuel Engine Generator (Dual Fuel), STG, Fire Water Pump, etc.

Project : Musi Timur Project (EPC)
Location : South Sumatra – Indonesia
Plant Owner : Pertamina Asset 2
Position held : Lead of Mechanical Engineer and Package (Seconded Engineer)
Responsibilities: Technical document review and ensure technical requirements are meet with client specifications. Review data sheet, Specification, Requisition, Quotation, Technical Bid Evaluation, Technical Clarification of the Fire Water Pump c/w Jockey, Instrument Air Compressor, Gas Engine Generator, Pumps, OH Crane, etc.

Project : Senoro Gas Development Project (EPC)
Location : Luwuk – Sulawesi – Indonesia
Plant Owner : JOB (Medco-Pertamina)
Position held : Lead of Mechanical Engineer and Package
Responsibilities: Technical document review, vendor quotation, technical clarifications, and 3D model review.
Technical meetings with other discipline to ensure the design and technical are comply with the project specifications and requirements.
Preparing detailed drawings and generating basic design of rotating equipment.

Review data sheet, Specification, Requisition, Quotation, Technical Bid Evaluation, Technical Clarification of the GTG, Fire Water Pump c/w Jockey, Emergency Diesel Generator, OH Crane, HVAC drawing, 3d model review for GTG maintenance access, and Factory Acceptance Test for the GTG, etc.

Project : MCL - Banyu Urip Project (EPC)
Location : Banyu Urip – Jawa Timur – Indonesia
Plant Owner : Mobil Cepu Ltd
Position held : Sr. Mechanical Engineer and Package
Responsibilities: Review data sheet of HVAC, OH Crane, GTG drawing, 3d model review for GTG maintenance access, etc.

5. April 2004 – September 2012 Worked at PT. JGC Indonesia (JIND)

Project : ASAHIMAS (Petrochemical) (EPC)
Location : Cilegon - Banten
Plant Owner: PT. ASAHIMAS
Position held: Lead of Mechanical Engineer and Package.
Responsibilities: Review Data sheet, Requisition, Vendor Proposal, Technical Bid evaluation, Technical clarification.

Project : WWT (Waste Water Treatment) Tangguh LNG Project (EPC)
Location : Tanah Merah Papua - Indonesia
Plant Owner: BP Berau Ltd
Position held: Lead of Mechanical Engineer and Package
Responsibilities: Review Data sheet, Requisition, Vendor Proposal, Technical Bid evaluation, Prepare technical clarification.

Project : SWS (Sour Water Stripper) project (EPC)
Location : Kalimantan
Plant Owner: PT. Pertamina RU-V
Position held: Lead of Mechanical Engineer and Package
Responsibilities: Review Data sheet, Requisition, Vendor Proposal, Technical Bid evaluation, Prepare Technical clarification, Factory Acceptance test for API Pump.

Project : HWT-CS (Hot Water Treatment Coal Slurry) project (EPC)
Location : Karawang
Plant Owner: PT. JGC Yokohama
Position held: Lead of Mechanical Engineer and Package
Responsibilities: Review Data sheet, Requisition, Vendor Proposal, Technical Clarification
Technical Bid evaluation.

Project : Engineering Services For Company's Field Facilities.

The project divided into some work order consist of :

A. Bekasap Water Management Project (FEED)

Location : Duri - Bekasap
Plant Owner : PT. CHEVRON PACIFIC INDONESIA
Position held : Lead of Mechanical Engineer and Package

Responsibilities: Preparation of Data Sheet, Requisition, Technical Clarification and Review Vendor Proposal.

B. Benar GS Up Grade (FEED)

Location : Duri - Bekasap

Plant Owner : PT. CHEVRON PACIFIC INDONESIA

Position held : Lead of Mechanical Engineer and Package

Responsibilities: Preparation of Data Sheet, Requisition, Technical Clarification and Review Vendor Proposal.

C. Rantau Bais GS Up Grade (FEED)

Location : Duri - Bekasap

Plant Owner : PT. CHEVRON PACIFIC INDONESIA

Position held : Lead of Mechanical Engineer and Package

Responsibilities: Prepare Data Sheet, Requisition, Technical Clarification and Review Vendor Proposal.

D. CGS Water Disposal (EPC)

Location : Duri - Bekasap

Plant Owner : PT. CHEVRON PACIFIC INDONESIA

Position held : Lead of Mechanical Engineer and Package

Responsibilities: Prepare Data Sheet, Requisition, Technical Clarification and Review Vendor Proposal, Technical Clarification.

E. Heavy Oil Air Emission (EPC)

Location : Duri - Bekasap

Plant Owner : PT. CHEVRON PACIFIC INDONESIA

Position held : Lead of Mechanical Engineer and Package

Responsibilities: Prepare Data Sheet, Requisition, Technical clarification and Review Vendor Proposal, Vendor Clarification.

Project : Tangguh LNG Project (EPC)

Location : Tanah Merah Papua - Indonesia

Plant Owner : BP Berau Ltd

Position held : Mechanical Engineer and Package

Responsibilities: Preparation of Specification, Data Sheet, Requisition, Review Vendor Proposal, & Technical Bid Evaluation etc.

Other Task : As IHT (Information Handover Team) coordinator with responsibilities to manage Information Hand Over data to the Client (BP). The responsibilities are handled is:

- Prepare Numbering Procedure as basis of the project Numbering system.
- Collecting information data and compile all the project data information from each discipline such as Mechanical Static, Mechanical Rotating, Combustion, Solid Handling, Package, Electrical, Instrumentation, Piping, Fire and Gas, Telecom etc.
- Coordinate with all Engineering discipline relating to the collecting data of information handover.
- Prepare schedule and planning of the data submission for each discipline.
- Problem solving for technical problem in each discipline relating to Information Handover Data.

- Review Data Information Handover and make a comment if any.
- Prepare gathering data for all discipline of information handover using EQID (Equipment Information Data Handover) to client (BP).
- Make a gathering data information for each equipment that will be informed to Client (BP)

Project : HL-2 OD Project
 Location : Cikampek
 Plant Owner : PT Peroksida Indonesia Pratama
 Position held : Mechanical Engineer and Package
 Responsibilities: Preparation of Specification, Data Sheet, Requisition, Review Vendor Proposal & Technical Bid Evaluation etc.

Project : NIOEC Arak Expansion Project
 Location : Iran
 Plant Owner : National Iranian Oil Engineering Company
 Position held : Mechanical Engineer and Package
 Responsibilities: Preparation of Specification, Data Sheet, Technical Bid Evaluation.

Project : QAPCO Project
 Location : Qatar
 Plant Owner : Qatar Petrochemical Co. Ltd
 Position held : Mechanical Engineer and Package
 Responsibilities: Prepare Specification, Data Sheet, Technical Bid Evaluation

6. November 2002 – November 2003 at PT. Tripatra Engineering and Constructor

Project : Suban Phase II Gas Project
 Location : South Sumatra
 Plant Owner : Gulf Resources Ltd
 Position Held : Mechanical Engineer and Package
 Responsible for: Prepare Equipment Lay out (Plot Plant), Project Specification, Data Sheet, MH Calculation, Requisition etc.

Project : Sumbagsel Gas Project
 Location : South Sumatra
 Plant Owner : Pertamina DOH
 Position held : Mechanical Engineer and Package
 Responsibilities: Prepare Equipment Lay Out (Plot Plant), Project Specification, Data Sheet, Requisition, Review Vendor Proposal and Technical Bid Evaluation.

7. January 2000 – March 2002 at PT. Citra Kartika Mandiri

Project : Installation of Inergen System at Bank Indonesia
 Location : Pekanbaru - Riau
 Plant Owner : Bank Indonesia
 Position held : Safety Engineer

Responsible for: Design, Calculation, Installation, commissioning & Start-up of Inergen system.

8. January 1999 – September 1999 at PT. Maspion

Project : Manufacturer
Location : Sidoarjo – Jawa Timur
Plant Owner : PT. Maspion
Position held : Production Supervisor
Responsible for: Ensuring the products according to specifications and schedule.

9. January 1998 – December 1998 at PT. Riau Sakti United Plantations Industri

Project : Manufacturer
Location : Indragiri Hilir - Riau
Plant Owner : RSUP – IND (Sambu Group)
Position held : Production Supervisor
Responsible for: Ensuring the products according to specifications and schedule.

TRAINING DETAILS :

At JGC Yokohama – Japan: Oct 2004 - Apr 2005

- Application engineering exercise pump
- Fire water pump & NFPA 20
- Positive displacement pump
- Vibration And Noise
- Positive displacement blower / compressor.
- Special purpose steam turbine
- Auxiliary system
- Instrumentation for rotating eqp.
- Engineering work for compressor

At PT. Tripatra Engineering and Constructors : Jan 2013 – Mar 2013

- General design basis, code, and standard.
- Process discipline drawing, PFD, including heat and mass balance.
- HVAC, Blower, Fan and design consideration.
- Heat exchanger, and fire heater.
- Compressor, Turbine, and pumps.

I declare the details of stated above to be true and complete.