

CURRICULUM VITAE

RIVAI RINALDO MUNTHE, ST

PERSONAL

Name : Rivai Rinaldo Munthe
 Place/Date of Birth : Pahae / June, 11th 1980
 Address : Jl. Nilam Raya No.133
 Perumnas Simalingkar, Medan,
 Sumatera Utara
 Civil Status : Married, with two children
 Nationality : Indonesia
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WORK EXPERIENCE

- ✚ June 2019 – Now
Instruktur in Balai Diklat Industri (BDI) Medan
 Job responsibility :

 - ❖ Preparing and propose content of training to BDI Medan
 - ❖ Train the operator of power plant such as diesel genset operator or steam turbine alternator.
- ✚ February 2019 – Now
Tenaga Teknis Inspeksi Pembangkit Listrik in PT. Deria Cahaya Gemilang
 Job responsibility :

 - ❖ Inspect Power Plant (steam turbine or diesel genset) and support facility before being certified
 - ❖ Evaluate & making report of power plant for proposed Certified SLO (Sertifikat Laik Operasi) from ESDM Ministry.
- ✚ November 2017 – April 2018
Plant Supervisor in PT. Sampoerna Agro Tbk,
(PLT Biogas Selapan Jaya, 2 x 1,02 MW, Excess Power, in PT. Sampoerna Agro Tbk, Desa Kertamukti, Kecamatan Mesuji Raya, Kabupaten OKI, Provinsi Sumatera Selatan)

Job responsibility :

- ❖ Manage operation and maintenance of biogas plant, scrubber system, dehumidifier, biogas engine & MV transmission
- ❖ Coordinate with palm oil mill management for planning POME (Palm Oil Mill Effluent) treatment schedule.
- ❖ Coordinate with local national grid (PLN) for operating or loading biogas engine and transformer.
- ❖ Make propose and preliminary design for synchronization biogas engine with PLN line in 20 kV.
- ❖ Manage & scheduling all material spare part for preventive maintenance.

✚ June 2015 – October 2017

Sr. Electrical Engineer in PT. Medco Biodaya Energi

(**Project PLT Biogas Mojokerto, 2 x 1,02 MW, BOO Agreement**, Desa Gempolkrep, Kecamatan Gedeg, Kabupaten Mojokerto, Provinsi Jawa Timur)

Job responsibility :

- ❖ Joint the project when installing electrical system and biogas engine
- ❖ Coordinate contractors for construction of biogas engine, blower, scrubber dehumidifier, electrical & instrument.
- ❖ Propose and design electrical line connecting from biogas engine to client Bioethanol Plant.
- ❖ Supervisi testing & commissioning PLT Biogas Mojokerto 2 X 1,02 MW, and built coordination with client Bioethanol Plant.
- ❖ Operation and maintenance biogas plant such as biogas engine, scrubber, dehumidifier, blower, gas holder, pump, transformer, LV/MV panel, motor, switchgear, inverter, instrumentation, etc.
- ❖ Make SOP for biogas plant operational & maintenance for safety activity.
- ❖ Ensure electrical part and mechanical in the machines running well and give information and knowledge to the operation team as requested.

✚ June 2014 – June 2015

Site Manager in PT. Pratama Wijaya Energi

(**Project PLT Biogas Pratama, IPP, 2 x 1,02 MW**, Desa Sei Siarti, Kecamatan Panai Tengah, Kabupaten Labuhan Batu, Provinsi Sumatera Utara)

Job responsibility :

- ❖ Join the project from beginning of construction
- ❖ Prepare all necessary document for the application of IMB (Izin Mendirikan Bangunan) & HO Permit with local government.
- ❖ Making preleminary design with provider technology for layout, land clearing, leveling, piping and electrical line, etc.
- ❖ Prepare site office, document of administration, and land clearing.
- ❖ Coordinate contractors for earthworks, civil, mechanical, electrical and instrument.
- ❖ Coordinate progres of project and activity with local National Electric Company (PLN Wilayah Sumatera Utara).

✚ January 2007 – July 2014

Maintenance Engineer in PT. PP London Sumatra Indonesia Tbk.

Job responsibility :

- ❖ Making maintenance for all machine unit (such as conveyor, crusher, press, pump, gearbox, rotating machine, etc) in processing station & power station for mechanical and electrical case in order to keep the reliability of production.
- ❖ Making planning and coordination program for preventive maintenance schedule
- ❖ Manage for all material and another's element support for maintenance necessary.
- ❖ Monitoring of operational power plant machine such as boiler, steam turbin (400 KW), diesel genset (500 KW & 300 KW).
- ❖ Making preventive maintenance, minor overhaul or trouble shooting for power plant equipment such as : boiler, turbine, alternator, genset, motor, switchboard panel etc
- ❖ Lead and manage manpower & support material to minimize breakdown time.
- ❖ Responsible for overseeing Environment, Health, and Safety program at the mill. Help to develop and implement safety best practices by identifying hazards and designing and implementing solutions to resolve the potential hazards on a regular (monthly) basis.

✚ April 2006 – December 2006

Trainee Engineer in PT. PP London Sumatra Indonesia Tbk.

EDUCATION & QUALIFICATIONS

✚ *Electrical Engineering Department, Universitas Sumatera Utara*
Sarjana Teknik Elektro (Bachelor), Graduated Energy Conversion
1998-2005

✚ *Internal Training Basic Engineering* (non certified)
13-16 Mey 2007,

Turangi Training Centre - PT PP London Sumatra Indonesia Tbk, Langkat

✚ *Internal Training ISO 9001:2000 system management* (non certified)
21-22 April 2008,

Palangisang Rubber Factory – PT PP London Sumatra Indonesia Tbk.

✚ *Pendidikan Ahli Keselamatan & Kesehatan Kerja (AK3) Umum* (certified)
02 – 12 July 2008

Terawas Training Centre – Depnakertrans - PT PP London Sumatra Indonesia Tbk.

COMPUTER

- ✚ Computer hardware and software installation
- ✚ Operational computer
 - ❖ MS Office

- ❖ MS Visio
- ❖ MS Project
- ❖ Autocad

Sincerely yours,

A handwritten signature in blue ink, appearing to read "Rivai", enclosed within a thin black rectangular border.

Rivai Rinaldo Munthe