

Thomas Santosa



Professional Summary

I graduated as a bachelor's degree from Parahyangan Catholic University and majoring in Chemical Engineer. I am a highly motivated person seeking a professional career. I have been experiencing as a process engineer in the Fiberline Department in Riau Andalan Pulp and Paper (APRIL Group). Ensuring daily monitoring job is pleased to effectively and efficiently achieve target production in Fiberline Department while utilizing the analytical and technical skills in the operational process will be creating an extraction of valuable information, which is calculated by the analytical and numerical skills based on mass and energy balance for further decision. At this rate, I'm competent to resolve the inefficient operational system process, efficiently optimized product, technical field, and problem-solving skills are highly utilized. I'm a teamwork person that during the past job it was approved to accept feedback and interpersonal collaboration to effectively solve the case while leading role gives clear feedback with thinking outside of the box, and resourcefulness to efficiently reach the target as per objective.

Personal Contact

Email

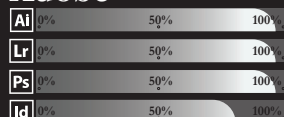
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Contact Number

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Skills

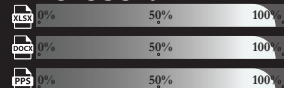
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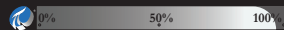
Language



Microsoft



PI OSIsoft



Achievement

Kaizen & LEAN

Reducing time delay on maintenance site and process site based on building the Excel model application.

EDT Program and Mental Building

Certificate from engineering program.

Winning OHS Competition

Certificate from Occupational Health and Safety Competition.

Interest



Project

Monitoring passed fluid from failure of control valve

Full-time, Oct 2018 – Dec 2019, **1 year**

Location: Pekanbaru Area, Riau, Indonesia

Project description:

Maintaining the pressure, temperature, flowrate process as per accidentally incoming of unknown passed fluid.

Acacia Excellence Sequence conversion as commissioning transitions between Kraft Pulp to AE production

Full-time, Sep 2019 – Dec 2019, **4 month**

Location: Pekanbaru Area, Riau, Indonesia

Project description:

Commissioning and monitoring the product from Kraft Sequence Pulp to AE Sequence Pulp as raw material for the paper product to the sustainable cotton product.

Projecting simulation of SBA hot liquor filling efficiency based on metso calculation

Full-time, May 2019 – Dec 2019, **8 month**

Location: Pekanbaru Area, Riau, Indonesia

Project description:

Simulating numerical data based on actual recording of PI Osisoft analyzer through flow, volume, and temperature design in terms of achieving best result condition for problem of channel cooking of fluidization results shorting total cycle time of pulp production.

Calculating capacity heat, density, and total suspended solid percentage from white liquor and black liquor

Full-time, Apr 2019 – Dec 2019, **9 month**

Location: Pekanbaru Area, Riau, Indonesia

Project description:

Calculating analytic properties from white liquor and black liquor based on actual field condition to use as variety process calculation.

Monitoring discharge health pump

Full-time, Feb 2019 – Dec 2019, **11 month**

Location: Pekanbaru Area, Riau, Indonesia

Project description:

Monitoring analytic calculation which purpose to keep sustain process plant on optimal condition to improve efficiency and effective process

Simulating planned shutdown digester

Full-time, Jul 2018 – Dec 2019, **6 month**

Location: Pekanbaru Area, Riau, Indonesia

Project description:

Estimated shutdown time in superbatch administrator sequence, which is used for predicting the outcome and punctually managed shutdown schedule based on last time hot liquor filling Kraft Sequence with reversing time schedule as per past time sequence

Experience

Field Operations, Fiberline Department

Full-time, Sep 2018 – Dec 2019, **1 yr 4 months**

Location: Pekanbaru Area, Riau, Indonesia

Updating information to operational DCS from abnormality equipment during manufacture running within teamwork reliability.

Data Engineer, Fiberline Department

Full-time, Aug 2018 – Dec 2019, **1 yr 5 months**

Location: Pekanbaru Area, Riau, Indonesia

Master PI OSIsoft application as processors of data control to create monitoring parameter tool.

Process Engineer, Fiberline Department

Full-time, Jul 2018 – Dec 2019, **1 yr 6 months**

Location: Pekanbaru Area, Riau, Indonesia

Determining the analytical root cause based on incoming data and daily monitoring process parameters ensures a successful streamlined production level using the PI OSIsoft application.

Engineering Development Program (EDT)

Full-time, Dec 2017 – Dec 2018, **1 yr 1 month**

Location: Pekanbaru Area, Riau, Indonesia

Assisted Specialized Area job to support parameter data based on actual and guideline conditions. ture running within teamwork reliability.

Instituional Education

Bachelor of Industrial Technology, Chemical Engineer,

Parahyangan Catholic University

Bandung, Indonesia

August 2012 - July 2017

GPA: 3.12

Thesis

Design Chemical Manufacture based on Arenga Pinnata Palm Tree to Produce Liquor Drink

Full-time, Aug 2016 – Dec 2016

Location: Pekanbaru Area, Riau, Indonesia

Project description:

Commercially producing palm wine and suitably packed to increase awareness a local and global consumer by using sugar palm from palm tree (*Arenga pinnata*).

Making Heterogenous Acid Catalyst based on Silica/Carbon Composite with TEOS and Sulfonic Acid

Full-time, Aug 2015 – Aug 2016

Location: Bandung Area, Indonesia

Project description:

Developing a biodiesel process by making a heterogenous acid catalyst based on silica silica/carbon composite through a hydrothermal process