

Adi Gilang Ramadhan

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Profile

I am a dedicated production leader and process engineer with over five years of experience in the chemical engineering field. My background includes overseeing production processes, managing teams, and ensuring product quality. I thrive in high-pressure environments where precision and efficiency are key. I'm seeking to leverage my skills in a challenging role that drives innovation and improvement.

Education

Bachelor of Chemical Engineering - Universitas Ahmad Dahlan Yogyakarta

September 2015 – October 2019

Title of thesis "*Prarancangan pabrik vinil klorida monomer dari etilen diklorida menggunakan proses thermal cracking kapasitas 120.000 ton/tahun*"

GPA 3.29

Experience

Process Engineer, PT Indorama Synthetics Tbk

May 2023 - present

A leading company in syntethic fiber, yarn spinning and polyethylene resin production

Job and Responsibility :

- Monitoring all area in plant Continous Polymerization (CP), Solid State Polycondensation (SSP), Ethylene Glycol Recovery (EGR) and Heat Transfer Medium (HTM) in production process as a incharge shift
- Ensure daily production planning control and transition product (focus in bottle and film grade polymer). Keep production target per month 100% covering morethan 99.5% first good quality and 0.5% waste
- Ensure process control activity to manage and perform production maintenance runs smoothly (Pump, Filter, Valve, Line, etc)
- Ensure and adjustment all parameter in process control (Level, Temperature, Flow, Pressure) with using distributed control system (DCS) yokogawa technology
- Start up dan shutdown Solid State Polycondensation, Ethylene Glycol Recovery and Heat Transfer Medium plant in accordance with standart operating procedures
- Commissioning and participate in new catalyst and film grade product trial projects from preparation stage to becoming finished good

- Problem solving abnormal quality product and also in the field as well as coordination with mechanical, electrical, utility, and instrument department
- Signing and be responsible issues work permits for maintenance
- Report the final results of the production shift to the Head of the Production Department

Production Group Leader, PT Surya Pratista Hutama

March 2022 – June 2022

A company focused on dried noodle production and manufacturing

Job and Responsibility :

- Lead, mapping and manage at least 40 workers
- Arrange worker and operator according to standart operating procedure (SOP)
- Manage 2 production lines in different product
- Focus on waste reduction using the fishbone diagram or 4M method
- Responsible to assisten supervisor or supervisor if there is any problem in the production line and coordination with team supporting

Production Supervisor, PT Asia Pacific Fibers Tbk

December 2019 – July 2021

A company know for fiber and yarn spinning production

Job and Responsibility :

- Lead, mapping and manage at least 20 operators
- Arrange operators according to standart operating procedure (SOP)
- Work in shifts and manage 2 production lines spinning
- Focus on running all machines and continuing repairs
- Problem solving during the production process
- Coordination with manager on production issues
- Responsible for the production process target and quality of production results

Activities and Organization

Co-Founder, Flow Leaf Event Organizer

January 2016 – October 2017

Job and Responsibility :

- Discussion and coordination with talent management (music, photography, and UMKM)
- Responsible for the concept publication, documentation, and decoration

Co-Founder, Ikatan Keluarga Alumni SMKS 16 Farmasi Yogyakarta Bengkulu

October 2017 – October 2019

Job and Responsibility :

- Planning, discussion and decide in organizing schedule program during the period
- Liaison between head of organization and head of division
- Coordination and reminder activity head division team during the period
- Evaluate and report every program schedule head of division to head of organization

Member of Technical, Chemical Engineering Car

August 2017 – October 2019

Job and Responsibility :

- Making the design poster and car frame for competition using software Corel Draw and Photoshop
- Assists the team research to find fuel formulas

Technical Skills

- DCS (Distributed Control System) Yokogawa version
- P&ID (Piping and Instrumentation Diagram)
- Process Control and PFD (Process Flow Diagram)
- Software (Ms. Excel, Ms. Visio, Corel Draw)

Other Information

- Languages : Bahasa (fluent), English (intermediate)
- Finalist Indonesia Chemical Engineering Car Competition (ICECC) 2018 in Sepuluh November Institute of Technology, Surabaya, East Java
- Linkedin : www.linkedin.com/in/adigilangramadhan/