

Wardah Humaira Fathuri

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A skilled chemical analyst with 4 years of professional experience in field of Chemical Engineering (Quality Control, Quality Assurance and R&D) in the shoes manufacturing about Chemical. Proficient in material testing, ensuring compliance with quality standards (e.g. SNI or ISO, RSL, MRSL, CPSIA, SDS and TDS) and contributing to the efficiency and innovation of adhesive/ leather/ shoes chemical set up formulation. In addition, I am also open to career in QA, QC, QMS, RND, and PPIC in the fields of pharmaceutical, cosmetics, F&B, and other chemical manufactures (adhesive, rubber, PU, IP and ink).

EDUCATION

D3 Analis Kimia -Institut Pertanian Bogor (IPB)

2017 - 2020

Final Project : Determination of Mole Ratio of Silica (SiO_2) and Sodium Oxide (Na_2O) in Water Glass Using Volumetric Titration Method.

WORK EXPERIENCE

Chemical Engineering Dimension, PT Shoetown Ligung Indonesia (Nike Factory)

Aug 2023-Nov 2025

- Create and update BPFC, PTRSS, SDS and TDS of Nike Footwear
- Develop formula for new or line-extension chemical (adhesive, ink, bottom), driving product chemical innovation through the incorporation of new ingredients chemical and material, new processing methods and technologies on model Air Jordan, Life style and Basket Ball
- Conduct inspections and controls on the production process footwear and conduct inspection of chemical income (COA) and make report COA Test
- Leading conduct RSL and MRSL material tracking and random in house pick up
- Coordinate with QC, QA and Production and management team to ensure chemical and product quality is maintained
- Ensure all production activities run according to SOP and quality standard (15 line Assembling, 8 line stockfit, 2nd process line)
- Leading improvement on failure bonding or physical performance and problem solving in production about Chemical (Ink, adhesive, compound, Rubber)
- Control and Ensure the result of lab test material income (textile, leather and synthetic), chemical income (adhesive, ink, compound, rubber), and products so that all MEET NIKE SPEC.
- Conduct chemical set up and bond gap repair training for related teams (Development, workshop, QC and Production)
- Create BOM chemical for all models by SERP
- Make sure and support for MPPA process and product, FMEA process and product with dept QC, Production, ME and Brand NIKE

Chemical Engineering Coordination, PT Pou Chen Group (NB Factory)

Sep 2022-Jun 2023

- Create and develop SOP and BPFC in CE area
- Ensuring the results of the COA Adhesive Test
- Conduct MQA Audit CE Bottom until Assembly process |CE.
- Perform new chemical validation project with other departement
- Responsible for complaints from other departments and buyers for Chemical in production
- Evaluating the results of the formulation and reformulation of bottom, ink and adhesive chemical
- Create regular report to NEW BALANCE CE regarding internal project related to bonding performance and sustainability
- Analyze bonding and physicaal perfomance new model

Chemical Engineering Function 2nd Process, PT Pratama Abadi Indusri (Nike Factory)

Oct 2021- Sep 2022

- Conducting COA Adhesive Test (Paint and Glue) in coming
- Conducting audits and monitoring the results of improving audit findings in the 2nd Process area (Laminating, No sew, Hf-welding and Silk Screen)
- Make SOP and BPFC 2nd Process (Laminating, No sew, Hf-welding and Silk |Screen)
- Conduct development, research, formulation and re-formulation regarding Adhesive (paint and glue)
- Validate the use of chemicals
- Understand and create MSDS, TDS and CPSIA

RND dan Analisis QC, PT Sinar Sakti Kimia

Des 2019 – March 2020

- Support conduct quality check and control in all aspect (titration, viscosity, solid content, pH and validation and verification wight material (Na_2O and SiO_2)) of the production process from the arrival of raw material (oli, SiO_2 , Na_2O) to the packaging of the final product (waterglass) in accordance with standard operating procedures and document inspections results.
- Conducting Scala Lab Trials of new formulas and existing formulas
- Conducting analytical tests on water glass product parameters
- Conducting product standard riview, conducting revisions, verification, until the standards are ready for publication
- Responsible for raw material specifications, formula document, development result reports, testing and product parameters standards product waterglass.

SERTIFICATION TRAINING

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| • K3 Laboratorium | 2017 |
| • Verifikasi Neraca Analitik | 2023 |
| • Good Laboratory Practice (GLP) | 2023 |

SKILL

ADMINISTRATION

- Able to manage archives and assist in archiving data in a neat and structured manner, reports using Power Point, Excel, Word and SERP

INSTRUMENT ANALYSIS METHOD

- Understand and be able to operate UV-Vis Spectrophotometry, HPLC, GC, AAS

CONVENTIONAL ANALYSIS METHOD, Gravimetric and Titration analysis

ENGLISH, Enough to be able to write, read, listen and speak English

K3 LABORATORIUM

- Understand and be able to apply the separation of storage of hazardous materials, symbols for hazardous chemicals and how to handle them and know the flow of making COA, MSDS and TDS

CHEMIST FOOTWARE

- Bonding Process Flow Chart (BPFC) and Bonding Excellence
- Product Test Requirement (PTRSS) and Comoponent Specifcaton Sheet (CSS)
- Chemical Set Up and Chemical Quality Standard
- Failure Mode And Effect Analysis (FMEA)
- Manufacturing Readness Checklist (MRC)
- Restricted Substances List (RSL)
- Safety Data Sheet (SDS)
- Technical Data Sheet (TDS)

LAB TEST FOOTWARE

- Bottom test, leather test, textile test , miscellaneous test, bonding Test, custom Test, and data entry lab footwear