

# Nadila Aura Fahrani

[nadilafahrani96644@gmail.com](mailto:nadilafahrani96644@gmail.com) | +62895349330013 | [www.linkedin.com/in/nadila-aura-fahrani-4a947120b](https://www.linkedin.com/in/nadila-aura-fahrani-4a947120b)

## EXECUTIVE SUMMARY

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A Chemical Engineering fresh graduate with professional experience in procurement, supply chain, chemical engineering research, laboratory practice, and process engineer. Strong knowledge of procurement process, supply chain management, chemical process industries, analyst laboratory, process engineering, procurement process, and supply chain management. Capable of working analytically, accurately, and collaboratively with good communication, negotiation, documentation, and time management skills. Proficient in Ms. office (HLOOKUP, VLOOKUP, If, Pivot Table), GSheet, Gdocs, GDrive, familiar with ERP system, engineering software such as Aspen HYSYS, P&ID, and Aspen Plus. Seeking opportunities to apply and develop skills in procurement, supply chain, PPIC, research and development, analyst laboratory, raw material and product sample analysis and testing, industrial processes, utility, water treatment systems, and process engineer in the manufacturing industry. Even though I am a fresh graduate, I have a high work ethic and am quick to respond to learning new things.

## EDUCATION

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### Chemical Engineering | University of Lampung

Aug 2021 – Jul 2025

- Bachelor's Degree in Chemical Engineering | GPA: 3.54 / 4.00
- Relevant Courses: Chemical Process Industry, Mass and Energy Balances, Chemical Engineering Operations, Process Optimization, Occupational Health and Safety. Technology Pulp & Paper, Utility System Design, Waste Treatment Systems.
- Research Topic: "Making Unbleached Paper Coffee Filters from Alternative Non-Wood Materials: Banana Stems"
- Internship Project Title: "Performance Efficiency of Air Compressor Equipment in the SAP Utility Unit"
- Final Project: "Manufacturing of Acrolein From Glycerol with Dehydration Process Capacity 60.000 Ton/Year"
- Achievements:
  - First-ranked graduate in the Chemical Engineering Study Program, University of Lampung
  - Contributed to The Publication of a Scientific Paper at The International Level

## WORKING EXPERIENCE

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### Process Engineer – Internship | PT. Nippon Shokubai Indonesia

Feb 2024

- Collected and analyzed operational data to evaluate equipment efficiency.
- Conducted direct observation of production processes from raw materials to final products.
- Prepared Process Flow Diagrams (PFD) and (P&ID) to support process understanding.
- Created monitoring reports and presented progress updates to field supervisors.

### Procurement – Internship | PT. Sukses Abadi Farmino

Nov 2025 – May 2026

- Managed demand planning, production planning, and inventory control to ensure optimal stock levels.
- Monitored supplier and distributor performance to ensure on-time delivery, quality compliance, and cost efficiency
- Managed logistics and distribution activities, including transportation and delivery scheduling
- Followed up supplier quotations, approvals, and material delivers with vendors/suppliers, process purchase orders (PO) into purchase request (PR) and RFP
- Monitored the invoice process, and ensuring that the entire procurement process meets halal certification and food safety standards
- Planned, managed, and executed the RMPM and supporting goods according to production and operational needs, and manage delivery documents (delivery order)
- Identified, evaluated, and selected qualified suppliers to ensure quality, cost efficiency, and timely delivery
- Requested, reviewed, and compared quotations to obtain the best commercial and technical term

## ORGANIZATIONAL EXPERIENCES

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**Division Secretary | Chemical Engineering Student Association, University of Lampung** Feb 2023 – Dec 2023

- Managed administrative tasks, including structured report writing, activity proposals, and meeting minutes using Microsoft Office applications.
- Coordinated with academic institutions and external parties for program implementation.
- Organized agendas and documented work program activities.

**Committee Member | EXCESS (Explosion of Chemical Engineering Student Activities) University of Lampung** Feb 2023 – May 2023

- Designed promotional media (posters, banners) using Canva and distributed them strategically to target audiences.
- Contributed to event decoration and coordinated with logistics, public relations, and sponsorship teams.
- Managed visual documentation, edited, and produced social media content for Instagram and WhatsApp, while maintaining digital archives via Google Drive

## TRAINING & CERTIFICATION

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**Training Environmental Management System Based on ISO 14001:2015 and 45001:2018 | Makin Ahli** Sept 2025

Trained in Environmental aspects & impacts, compliance obligations, risk & opportunity management, and continual improvement

**Training Occupational Health & Safety Management System Based on SMK3 PP No 50 Tahun 2012 | Makin Ahli** Sept 2025

Trained in Hazard identification & risk assessment, compliance with regulations, emergency preparedness, and continual improvement of OHS performance.

**Training Quality Control and Quality Assurance in Food Industry | Makin Ahli** Sept 2025

Trained in knowledge and practical skills in food safety, hygiene, sampling, inspection, and compliance with international standards, process monitoring, documentation, and compliance with global standards such as GMP, HACCP, and ISO 22000

**Training GMP (Good Manufacturing Practice) | Makin Ahli** Aug 2025

Trained in Good Manufacturing Practice (GMP) principles and compliance, SOP implementation, hygiene & sanitation, process validation, and GMP standards

**Training HACCP (Hazard Analysis and Critical Control Point) | Makin Ahli** Aug 2025

Trained in HACCP principles for food safety and quality management, hazard identification, risk assessment, and determination of Critical Control Points (CCP)

**Training ISO 22000:2018 (Food Safety Management System) | Makin Ahli** Aug 2025

Trained in ISO 22000:2018 Food Safety Management System, skilled in risk-based thinking, process approach, continual improvement, and integrating HACCP principles with ISO 22000 requirements

**Training SMKP (Sistem Manajemen Keamanan Pangan) | PT. Sukses Abadi Farmino** Jan 2026

Trained in Good Manufacturing Practice (GMP) principles and compliance, SOP implementation, Trained in ISO 22000:2018 Food Safety Management System, skilled in risk-based thinking

## SKILLS

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**Languages:** Indonesian, English (Intermediate)

**Software:** Microsoft Office (Ms. Excel, Ms. Word, PowerPoint), GSheet, Gdocs, GDrive, familiar with ERP system, Aspen HYSYS, Aspen Plus, Visio, Canva

**Technicals:** Procurement Process, Supply Chain Management, Negotiation, Problem Solving, Chemical Development, Analyst Laboratory, Laboratory Equipment Operation and Calibration, Process Simulation, Data Analysis, Safety Protocols Compliance, Raw Material to Product Sample Testing, Scientific Research, Project Management, Economic Evaluation, Water and Waste Treatment Systems, QA, QC, Technical, Analyst, Laboratory techniques instruments and experimental procedures, Operation of laboratory instruments and chemical handling, Process development and optimization



KEMENTERIAN PENDIDIKAN TINGGI, SAINS, DAN TEKNOLOGI

**UNIVERSITAS LAMPUNG**

NINA 001026242012025100063

No. 07171/26.5.S1/2025

**Terakreditasi Unggul**

Berdasarkan Keputusan BAN-PT No. 799/SK/BAN-PT/Ak.KP/PT/X/2023

## **IJAZAH**

diberikan kepada

**NADILA AURA FAHRANI**

Nomor Pokok Mahasiswa 2115041020, Nomor Induk Kependudukan 3603176812030002

lahir di Natar tanggal 28 Desember 2003, telah memenuhi segala syarat pendidikan  
Program Sarjana pada Program Studi Teknik Kimia, Fakultas Teknik  
dan dinyatakan lulus tanggal 16 Juli 2025, karena itu kepadanya diberikan gelar

**Sarjana Teknik (S.T.)**

beserta segala hak dan kewajiban yang melekat pada gelar tersebut.

Bandar Lampung, 20 September 2025

Dekan,

Dr. Eng. Helmy Fitriawan, S.T., M.Sc.  
NIP 197509282001121002



Rektor,

Prof. Dr. Ir. Lusmeilia Afriani, D.E.A., ASEAN Eng.  
NIP 196505101993032008





KEMENTERIAN PENDIDIKAN TINGGI, SAINS,  
DAN TEKNOLOGI  
UNIVERSITAS LAMPUNG  
FAKULTAS TEKNIK

Jalan Prof. Dr. Sumantri Brojonegoro Nomor 1 Gedung Meneng, Bandar Lampung 35145  
Telp. (0721) 704947 - Fax. (0721) 704947  
laman : <http://eng.unila.ac.id>

Transkrip Akademik

Nama : NADILA AURA FAHRANI  
Nomor Pokok : 2115041020  
Tempat Lahir : Natar  
Tgl. Lahir : 28 DESEMBER 2003  
Tgl. Lulus : 16 JULI 2025  
Judul Skripsi : Prarancangan Pabrik Akrolein Dari Gliserol Dengan Proses Dehidrasi Kapasitas 60.000 Ton/Tahun

NINA : 001026242012025100063  
Nomor : 07171/26.5.S1/2025  
Program : Sarjana  
Fakultas : Teknik  
Jurusan : Teknik Kimia  
Program Studi : Teknik Kimia

| No. | Nama Mata Kuliah                     | SKSHM | No. | Nama Mata Kuliah                          | SKS | HM |
|-----|--------------------------------------|-------|-----|-------------------------------------------|-----|----|
| 1   | BAHASA INGGRIS                       | 2     | B+  | 41 PRAKTIKUM OPERASI TEKNIK KIMIA 1       | 2   | A  |
| 2   | FISIKA TEKNIK                        | 3     | B+  | 42 Teknik Bioproses                       | 3   | C  |
| 3   | KIMIA ORGANIK                        | 3     | A   | 43 Teknologi Minyak Atsiri                | 2   | A  |
| 4   | KIMIA TERAPAN                        | 3     | A   | 44 TERMODINAMIKA TEKNIK KIMIA 2           | 3   | B+ |
| 5   | KONSEP TEKNOLOGI DAN DESAIN          | 2     | B+  | 45 EKONOMI TEKNIK                         | 2   | C+ |
| 6   | MATEMATIKA I                         | 2     | A   | 46 KINETIKA DAN PERANCANGAN REAKTOR 2     | 3   | B+ |
| 7   | MIKROBIOLOGI TEKNIK                  | 3     | A   | 47 OPERASI TEKNIK KIMIA 3                 | 3   | C+ |
| 8   | Pendidikan Bahasa Indonesia          | 2     | B+  | 48 Pemodelan dan Simulasi Proses Kimia    | 3   | B+ |
| 9   | Pendidikan Etika dan Kearifan Lokal  | 2     | A   | 49 Perancangan Mekanik Peralatan Proses   | 2   | A  |
| 10  | Pendidikan Pancasila                 | 2     | A   | 50 PERANCANGAN SISTEM PENGENDALIAN PROSES | 3   | C+ |
| 11  | BAHAN KONSTRUKSI TEKNIK KIMIA        | 2     | B+  | 51 PRAKTIKUM OPERASI TEKNIK KIMIA 2       | 2   | B  |
| 12  | ELEKTRONIKA DAN INSTRUMENTASI        | 2     | C   | 52 Teknologi Biodiesel                    | 2   | A  |
| 13  | Etika Profesi                        | 2     | A   | 53 Gambar Teknik                          | 3   | A  |
| 14  | IDENTIFIKASI DAN KUANTIFIKASI KIMIA  | 4     | C+  | 54 Kerja Praktek                          | 3   | A  |
| 15  | INDUSTRI PROSES KIMIA                | 2     | A   | 55 KESEHATAN DAN KESELAMATAN INDUSTRI     | 2   | A  |
| 16  | KIMIA FISIKA                         | 4     | B+  | 56 Manajemen Proyek dan Ilmu Perusahaan   | 2   | A  |
| 17  | KUNJUNGAN KENAL INDUSTRI             | 1     | B   | 57 Optimasi Proses                        | 2   | B+ |
| 18  | MATEMATIKA 2                         | 2     | B+  | 58 Perancangan Sistem Pengolahan Limbah   | 2   | C+ |
| 19  | Pendidikan Agama Islam               | 3     | A   | 59 Perancangan Sistem Proses Kimia        | 3   | A  |
| 20  | Pendidikan Kewarganegaraan           | 2     | A   | 60 Perancangan Sistem Utilitas            | 3   | B  |
| 21  | STATISTIKA TEKNIK KIMIA              | 2     | A   | 61 Rekayasa Sabun                         | 2   | A  |
| 22  | Analisis dan Komputasi Numeris       | 2     | B+  | 62 Teknologi Pulp dan Paper               | 2   | A  |
| 23  | Aplikasi Bioteknologi                | 2     | A   | 63 KKN TEMATIK                            | 3   | B+ |
| 24  | Matematika Teknik Kimia              | 3     | B   | 64 Penelitian                             | 2   | B+ |
| 25  | Neraca Massa dan Panas               | 3     | A   | 65 Seminar Usul Penelitian                | 1   | B  |
| 26  | Operasi Teknik Kimia 1               | 3     | B   | 66 SKRIPSI                                | 4   | B  |
| 27  | Penanganan Material Padat            | 2     | A   | 67 ****                                   | *   | *  |
| 28  | Rekayasa Biokimia                    | 2     | A   | 68 ****                                   | *   | *  |
| 29  | Teknologi Biopolimer                 | 2     | A   | 69 ****                                   | *   | *  |
| 30  | Teknologi Biorefinary                | 2     | A   | 70 ****                                   | *   | *  |
| 31  | Teknologi Minyak Bumi                | 2     | A   | 71 ****                                   | *   | *  |
| 32  | TEKNOLOGI OLEOKIMIA                  | 2     | A   | 72 ****                                   | *   | *  |
| 33  | Termodinamika Teknik Kimia 1         | 3     | B   | 73 ****                                   | *   | *  |
| 34  | Transport Phenomena                  | 3     | A   | 74 ****                                   | *   | *  |
| 35  | APLIKASI KOMPUTER DALAM TEKNIK KIMIA | 2     | B+  | 75 ****                                   | *   | *  |
| 36  | BIOTEKNOLOGI LINGKUNGAN              | 2     | A   | 76 ****                                   | *   | *  |
| 37  | Kewirausahaan                        | 3     | A   | 77 ****                                   | *   | *  |
| 38  | KINETIKA DAN PERANCANGAN REAKTOR 1   | 3     | C+  | 78 ****                                   | *   | *  |
| 39  | METODOLOGI PENELITIAN                | 2     | A   | 79 ****                                   | *   | *  |
| 40  | OPERASI TEKNIK KIMIA 2               | 3     | A   | 80 ****                                   | *   | *  |

SKS : 160

IPK : 3,54

Nilai : 566

Predikat : Sangat Memuaskan

Dikeluarkan Di : BANDAR LAMPUNG

Pada Tanggal : 20 SEPTEMBER 2025



Wakil Dekan Bidang Akademik Dan Kerja Sama,

Dr. Muhammad Irayad, S.T., M.T. 7  
NIP. 197112142000121001



# SERTIFIKAT

148/PST-TRN18/IV/2025

Dengan bangga dipersembahkan kepada:

**Nadila Aura Fahrani**

atas partisipasinya sebagai peserta  
pada acara yang Bertema

"TRAINING K3 UMUM Dasar-Dasar K3 Umum di Dunia Industri"  
diselenggarakan oleh Dentech Corporation pada tanggal 26 April 2025  
**dengan total durasi 120 Menit (2 Jam )**

*CEO Dentech Corporation*



**Dhimas Bagus P., S.Tr.T.**

*Ketua Pelaksana Training*



**Khofifah Indah T., S.Tr.T.**

**MAKIN AHLI**



# CERTIFICATE

4108/AP-0P3/MA/VIII-2025

This Certificate is Proudly Presented to

**Nadila Aura Fahrani, S.T.**

Has successfully completed training

**ISO 22000:2018**  
**(Food Safety Management System)**

On August 10, 2025



**Ariyani Wastika Mukti, S. Si**

Head of Learning and Development

**Sanjaya, B.Sc.**

Trainer

[www.makinahli.com](http://www.makinahli.com)

**MAKIN AHLI**



# **CERTIFICATE**

4108/AP-0P2/MA/VIII-2025

This Certificate is Proudly Presented to

**Nadila Aura Fahrani, S.T.**

Has successfully completed training

**HACCP (Hazard Analysis and  
Critical Control Point)**

On August 09, 2025



**Ariyani Wastika Mukti, S. Si**

Head of Learning and Development

**Sanjaya, B.Sc.**

Trainer

[www.makinahli.com](http://www.makinahli.com)

**MAKIN AHLI**



# **CERTIFICATE**

4108/AP-0P1/MA/VIII-2025

This Certificate is Proudly Presented to

**Nadila Aura Fahrani, S.T.**

Has successfully completed training

**GMP (Good Manufacturing Practices)**

On August 09, 2025



**Ariyani Wastika Mukti, S. Si**

Head of Learning and Development

**Sanjaya, B.Sc.**

Trainer

[www.makinahli.com](http://www.makinahli.com)

**MAKIN AHLI**



# **CERTIFICATE**

4108/AP-0P4/MA/VIII-2025

This Certificate is Proudly Presented to

**Nadila Aura Fahrani, S.T.**

Has successfully completed training

**FSSC 22000 version 6.0**  
**(Food Safety System Certification)**

On August 10, 2025



**Ariyani Wastika Mukti, S. Si**

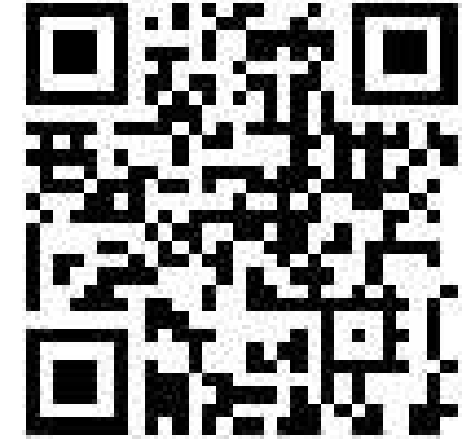
Head of Learning and Development

**Sanjaya, B.Sc.**

Trainer

[www.makinahli.com](http://www.makinahli.com)

MAKIN AHLI



# CERTIFICATE

This Certificate is Proudly Presented to

**Nadila Aura Fahrani, S.T**

Has successfully completed training

**Awareness Training Environmental Management  
System Based on ISO 14001:2015**

On September 13, 2025



**Ariyani Wastika Mukti, S. Si**

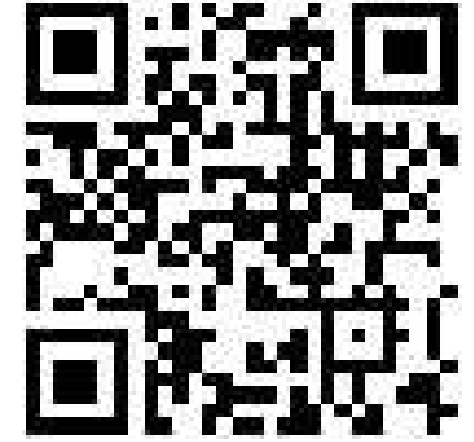
Head of Learning and Development

**Sanjaya, B.Sc.**

Trainer

[www.makinahli.com](http://www.makinahli.com)

MAKIN AHLI



# CERTIFICATE

1731/AH-0H1/MA/IX-2025

This Certificate is Proudly Presented to

**Nadila Aura Fahrani, S.T**

Has successfully completed training

**Awareness Training Occupational Health & Safety  
Management System Based on ISO 45001:2018**

On September 13, 2025



**Ariyani Wastika Mukti, S. Si**

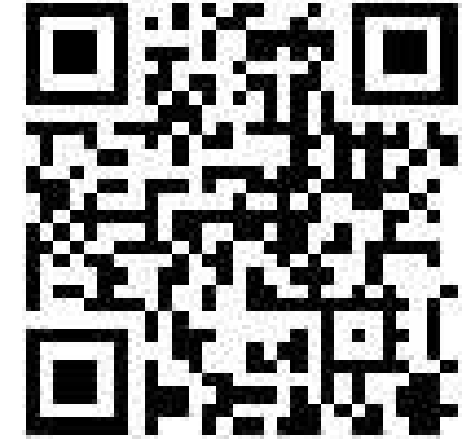
Head of Learning and Development

**Sanjaya, B.Sc.**

Trainer

[www.makinahli.com](http://www.makinahli.com)

MAKIN AHLI



# CERTIFICATE

This Certificate is Proudly Presented to

**Nadila Aura Fahrani, S.T**

Has successfully completed training

**Awareness Training Occupational Health & Safety  
Management System Based on SMK3 PP No 50 Tahun 2012**

On September 13, 2025



**Ariyani Wastika Mukti, S. Si**

Head of Learning and Development

**Sanjaya, B.Sc.**

Trainer

**MAKIN AHLI**



# **CERTIFICATE**

410/AH-0H5/MA/IX-2025

This Certificate is Proudly Presented to

**Nadila Aura Fahrani**

Has successfully completed training

**Penyusunan Dokumen HSE  
Based on ISO 14001:2015 & ISO 45001:2018**

On September 14, 2025



**Ariyani Wastika Mukti, S. Si**

Head of Learning and Development

**Sanjaya, B.Sc.**

Trainer

[www.makinahli.com](http://www.makinahli.com)

