

Nadila Aura Fahrani

nadilafahrani96644@gmail.com | +62895349330013 | www.linkedin.com/in/nadila-aura-fahrani-4a947120b

EXECUTIVE SUMMARY

A Chemical Engineering fresh graduate with professional experience in chemical engineering research and laboratory practice. Possesses strong knowledge of chemical process industries, chemical material processing, analyst laboratory, and process engineering. Capable of working analytically, accurately, and collaboratively with good communication and time management skills. Proficient in engineering software such as Aspen HYSYS, P&ID, and Aspen Plus. Seeking opportunities to apply and develop skills in research and development, analyst laboratory, raw material and product sample analysis and testing, industrial processes, technician operator, utility, water treatment systems, and project management 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

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

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.

Supply Chain Management – Internship | PT. Sukses Abadi Farmindo

Nov 2025 - now

- Manage demand planning, production planning, and inventory control to ensure optimal stock levels.
- Monitor supplier and distributor performance to ensure on-time delivery, quality compliance, and cost efficiency
- Manage logistics and distribution activities, including transportation and delivery scheduling
- Plan, manage, and execute the RMPM and supporting goods according to production and operational needs.
- Identify, evaluate, and select qualified suppliers to ensure quality, cost efficiency, and timely delivery.
- Request, review, and compare quotations to obtain the best commercial and technical terms.

Research and Development Analyst | University Lampung, Chemical Engineering

Dec 2023 – Okt 2024

- Conducted literature reviews to support research and development initiatives
- Designed research methodologies in accordance with project objectives
- Collected, processed, and analyzed research data
- Developed and evaluated concepts, methods based on research findings
- Identified opportunities for further development based on research outcomes
- Operated laboratory equipment and handled chemical materials in accordance with safety

ORGANIZATIONAL EXPERIENCES

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

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 SMK3 (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

Languages: Indonesian, English (Intermediate)

Software: Microsoft Office (Ms. Excel, Ms. Word, PowerPoint), Aspen HYSYS, Aspen Plus, Visio, Canva

Technicals: 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.
NIP. 197112142000121001

MAKIN AHLI



CERTIFICATE

2473/AP-0P5/MA/VIII-2025

This Certificate is Proudly Presented to

Nadila Aura Fahrani

Has successfully completed training

**QUALITY ASSURANCE (QA)
IN FOOD INDUSTRY**

On August 31, 2025



Ariyani Wastika Mukti, S. Si

Head of Learning and Development

Rizka Amalia, S. Gz

Trainer

www.makinahli.com

MAKIN AHLI



CERTIFICATE

2497/AP-0P6/MA/VIII-2025

This Certificate is Proudly Presented to

Nadila Aura Fahrani, S.T.

Has successfully completed training

**QUALITY CONTROL (QC)
IN FOOD INDUSTRY**

On August 31, 2025



Ariyani Wastika Mukti, S. Si

Head of Learning and Development

Dini Puteri Khairani, S.T.P

Trainer

www.makinahli.com



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.

GARIS BESAR MATERI

- Perundang undangan K3
- Pengertian ,Tujuan K3 dan perundangan tentang K3
- Faktor penyebab kecelakaan kerja
- Upaya pencegahan kecelakaan kerja

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

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

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

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

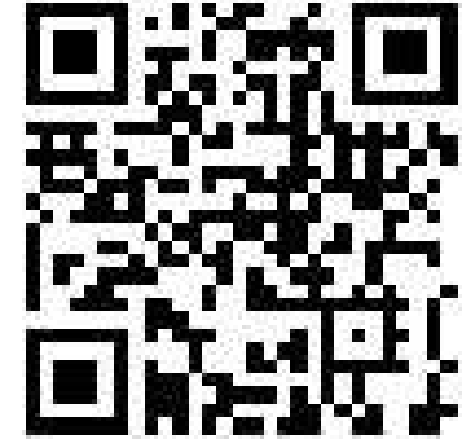
Head of Learning and Development

Sanjaya, B.Sc.

Trainer

www.makinahli.com

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

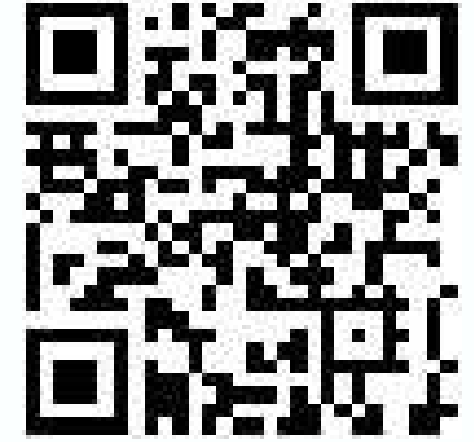


Ariyani Wastika Mukti, S. Si

Head of Learning and Development

Sanjaya, B.Sc.

Trainer

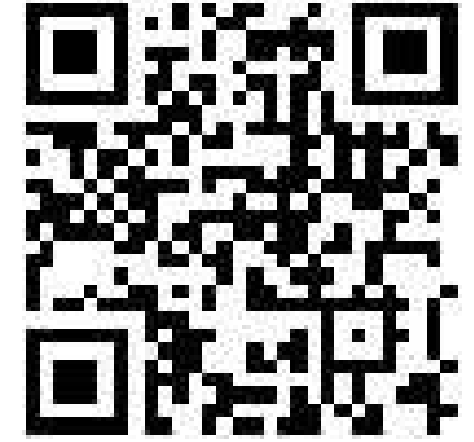


MATERI PELATIHAN

ISO 14001:2015

NO	MATERI PELATIHAN
1	Pengenalan ISO 14001:2015
2	Konteks Organisasi
3	Leadership & Komitmen
4	Perencanaan
5	Support
6	Perencanaan dan Pengendalian Operasional
7	Evaluasi Kinerja
8	Improvement

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



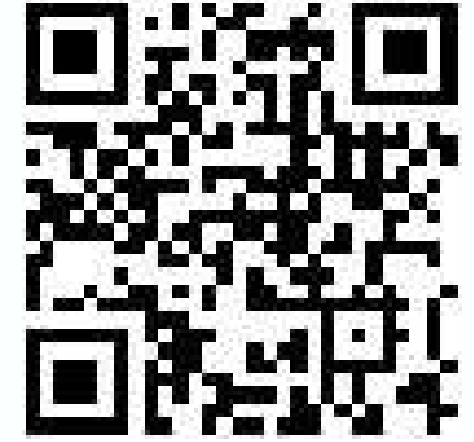
Ariyani Wastika Mukti, S. Si

Head of Learning and Development

Sanjaya, B.Sc.

Trainer

www.makinahli.com

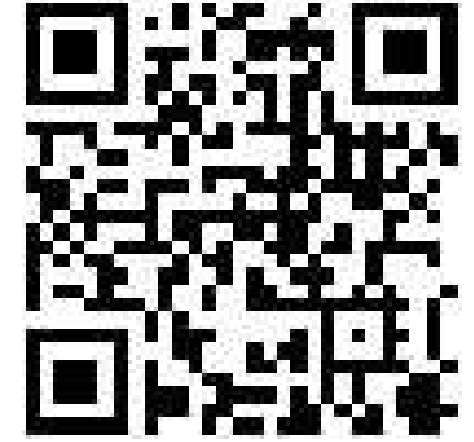


MATERI PELATIHAN

ISO 45001:2018

NO	MATERI PELATIHAN
1	Pengenalan ISO 45001:2018
2	Konteks Organisasi
3	Leadership & Komitmen
4	Perencanaan
5	Support
6	Perencanaan dan Pengendalian Operasional
7	Evaluasi Kinerja
8	Improvement

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

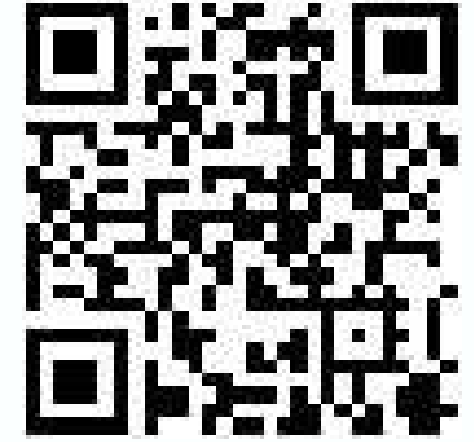


Ariyani Wastika Mukti, S. Si

Head of Learning and Development

Sanjaya, B.Sc.

Trainer



MATERI PELATIHAN

PP No 50 Tahun 2012 (SMK3)

NO	MATERI PELATIHAN
1	Pengenalan & Pengertian K3 dan SMK3
2	Ruang Lingkup SMK3
3	Kriteria Audit SMK3
4	Kriteria Penilaian Hasil Audit SMK3
5	Dokumen Wajib SMK3

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



MATERI PELATIHAN

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

1	Pengantar Sistem dan Dokumen HSE
2	Identifikasi Isu Internal dan Eksternal
3	Identifikasi Kebutuhan dan Harapan Pihak Terkait
4	Penetapan Kebijakan HSE
5	Penetapan Diagram Life Cycle Perspective
6	Identifikasi Resiko, Peluang, Bahaya K3 dan Aspek Dampak Lingkungan
7	Identifikasi Sasaran HSE dan Penetapan Program HSE
8	Beberapa SOP-SOP dalam HSE
9	Penetapan SOP Tanggap Darurat
10	Pembuatan Izin Kerja Khusus/Work Permit dan JSA
11	Pembuatan Laporan Internal Audit