

Angelica Managbanag

Chemical Technician

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Experienced Chemical Technician with a demonstrated history of working in the bioethanol manufacturing and frozen and canned food industry. Strong research professional skilled in Risk Assessment, Inventory Management System, Chemical Spill Response, ISO 9001:2015, ISO 14001:2015, ISO 45001:2018, ISO 50001:2018, Process Mapping, and Internal Audit.



Skills

◆	Analytical Techniques	◆◆◆◆◆ Very Good
◆	Equipment Maintenance and Calibration	◆◆◆◆◆ Very Good
◆	Quality Assurance	◆◆◆◆◆ Good
◆	Adaptability	◆◆◆◆◆ Very Good
◆	Work Ethic	◆◆◆◆◆ Good
◆	Communication	◆◆◆◆◆ Good
◆	Interpersonal Skills	◆◆◆◆◆ Good
◆	Computer Skills	◆◆◆◆◆ Average



Work History

- ◆ **Part-time Instructor** (Aug 2023-Dec 2023)
Visayas State University (Baybay City, Leyte)

- Conducted lectures and laboratory sessions for various subjects, ensuring a comprehensive understanding of course materials.
- Provided consultation during vacant hours to assist students with their academic queries and concerns.
- Administered quizzes, long exams, midterms, and final exams for both lecture and laboratory components.
- Evaluated and graded lab reports, scientific reports, and other student outputs to maintain academic standards.
- Developed and managed a virtual classroom platform, facilitating online teaching and learning activities.
- Delivered both in-person and virtual classes, adapting teaching methods to suit different learning environments.
- Monitored student progress regularly, providing feedback and support to help them track their academic performance and complete missing assignments.
- Calculated and submitted midterm and final grades, ensuring timely and accurate reporting of student performance.

Laboratory Analyst (May 2021-Jan 2023)

Leyte Agri Corporation (Ormoc City, Leyte)

- Maintained low-risk assessment of three (3) assigned processes in the Laboratory Department through implementing Hazard Identification, Risk Assessment, and Control (HIRAC) Program.
- Collaborated with the team in maintaining continuous operation of the Laboratory Department by facilitating the launch of inventory management system for the thirty-six (36) identified supplies and chemicals.
- Sustained department's 100% compliance on testing parameters of ethanol, bio-ethanol, fuel bio-ethanol, beer, boiler water, and culture by employing flowchart, swim lane diagram, SIPOC, and RACI Matrix process mapping tools.
- Assisted in ordering laboratory supplies and necessities to maintain appropriate level of inventory.
- Sustained of laboratory's capability on Total Solids Determination in Beer by adapting Method 2540B Total Solids of Standard Methods for the Examination of Water and Wastewater (SMEWW) 22nd Edition.
- Ensured that prepared laboratory culture meets company's standards prior inoculation to small cultivator (SC).
- Calibrated and maintained instruments to keep equipment fully operational.

Laboratory Analyst (Oct 2017-Aug 2019)

Virginia Food Inc. (Compostela, Cebu)

- Prepared standard solutions and performed standardization of solutions to achieve precise and reliable results.
- Performed qualitative and quantitative analysis using analytical instruments, techniques and methods.
- Assisted in ordering laboratory supplies and necessities to maintain appropriate level of inventory.
- Oversaw items in inventory and reordered before supplies diminished.
- Maintained documentation on tests performed in lab.



Education

Jun 2013 - Jun 2017 **Bachelor of Science in Chemistry**
Visayas State University - Baybay, Leyte

THESIS TITLE:

" Levels of Lead and Cadmium in Sediments from Pagbanganan River in Baybay City, Leyte"



Certifications/Trainings/Seminars

Oct 2018	Licensed Chemical Technician - [October 2018-January 2024]
Nov 2022	6 th National Conference of Chemical Laboratories
Nov 2022	Philippine Textile Congress 2022
Aug 2022	Basic Operations on Motic Digital Microscope and Camera BA210 Moticam Training
Aug 2022	Training-Workshop on QA/QC and Method Verification/Validation
Dec 2021	RA 9003: Ecological Solid Waste Management Act of 2000
Sep 2021	COSHH and the Safe Use of Cleaning Chemicals
Sep 2021	Understanding Motivation and Motivational Factors
Aug 2021	ISO 50001:2018 Energy Management System Awareness
Aug 2021	ISO 45001:2018 Occupational Health & Safety Management System Awareness
Aug 2021	Internal Audit Awareness
Aug 2021	ISO 14001:2015 Environmental Management System Awareness
Aug 2021	ISO 9001:2015 Quality Management System Foundations

◆	Aug 2021	Coping in Isolation: Understanding Depression and Anxiety
◆	Jul 2021	Occupational, Safety and Health
◆	Jul 2021	Mental Health Awareness
◆	Jul 2021	Understanding and Managing Panic Attacks
◆	Jun 2021	Building Resilience and Avoiding Burnout
◆	Jun 2021	Understanding Covid-19: Economic Outlook
◆	Jun 2021	Understanding Covid-19: Effects on Society
◆	Jun 2021	Understanding Covid-19: Public Health Awareness
◆	May 2021	Legionella in the Workplace Awareness Training
◆	May 2021	Hazardous Substances Routes-to-Entry
◆	May 2021	The Safety Data Sheet Awareness Certification
◆	May 2021	Spillage Response Awareness Training
◆	Jul 2019	Calibration and Qualification of Laboratory Instruments and Latest Advances in Laboratory Instrumentation
◆	Apr 2019	Learning Session with Rowell Can
◆	Apr 2019	Transforming Me: Determined, Resilient, Engaged
◆	Mar 2018	Good Manufacturing Practices
◆	Feb 2018	Good Laboratory Practice (GLP) – 3M Food Safety Seminar



Software

◆	MS Office	◆◆◆◆◆	Very Good
◆	Zoom	◆◆◆◆◆	Average
◆	Canva	◆◆◆◆◆	Average



Languages

◆	English	◆◆◆◆◆	Good
◆	Filipino	◆◆◆◆◆	Very Good



Interests



Reading



Learning New Language



Listening to Music



Gardening



Character References



- References available on request