

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



May 2021 -Laboratory Analyst

Current

Leyte Agri Corporation, Ormoc City

- 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.

Oct 2020 - Part-Time Instructor

Feb 2021

Visayas State University, Baybay, Leyte

- Developed and clearly presented classroom rules, guidelines and objectives.
- Evaluated and revised lesson plans and course content to achieve student-centered learning.
- Applied various teaching aids like powerpoint for discussion and whiteboard for computations to minimize learning gaps and instruct and motivate students.
- Increased student participation via engaging lectures and assignments.
- Assessed and recorded the progress, development, and behavior of students during classes.
- Communicated with the students regarding their lack of requirements and how to comply it.

Oct 2017 - Laboratory Analyst

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.
- Calibrated and verified instruments to keep equipment fully operational.
- Demonstrated respect, friendliness and willingness to help wherever needed.



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"



Accomplishments

- Resolved long time preparation of wort for culture through computing the needed water and water-molasses solution to achieved a specific brix.
- Collaborated with Laboratory Head in finalizing the Laboratory's Hazard Identification, Risk Assessment, and Control (HIRAC) Program.
- Resolved problems with pH meter through implementing the needed calibration frequency.



Certifications

Oct 2018 Licensed Chemical Technician - [October 2018-January 2024]

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 - [Awareness Seminar]

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 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** 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** 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
- ◆ German ◆◆◆◆◆
Basic



Interests

- ◆ Reading
- ◆ Learning New Language
- ◆ Listening to Music

Gardening



Character References

- References available on request