

# RONALD JAY J. MAGAIPO, RCh

Registered Chemist | Registered Chemical Technician | Pollution Control Officer | Safety Officer 2



ronaldjaymagaipo@gmail.com



+63 908 144 3260



Javier, Leyte



Experienced Chemist and Chemical Technician with a demonstrated history of working in the ethanol manufacturing and water/wastewater treatment industry. Strong research professional skilled in Pollution Control, Ecological Solid Waste Management, Risk Assessment, Process Mapping, Chemical Spill Response, Inventory Management, ISO 9001:2015, ISO 14001:2015, ISO 45001:2018, and ISO 50001:2018.

## PROFESSIONAL EXPERIENCE/ACCOMPLISHMENTS

### LEYTE AGRI CORPORATION

| *Laboratory Department Head, OIC*

| *Safety, Health, & Environment Department Head*

| *Safety Officer 2*

| *Pollution Control Officer*

| May 2024 – October 2024

| March 2024 – November 2024

| November 2023 – November 2024

| May 2021 – November 2024

- Successfully complied to the requirements of the Board of Chemistry of the Professional Regulation Commission in operating a chemical laboratory.
- Ensured that the final product is within the DOE standards by signing Certificate of Analysis prior to releasing the product to clients.
- Spearheaded the daily operations of the laboratory.
- Facilitated the conduct of the bi-annual visit, inspection, and monitoring of the Department of Energy – Renewable Energy Management Bureau.
- Spearheaded the implementation of Hot Work Permit.
- Conducted toolbox meetings and safety orientations.
- Facilitated the submission of Annual Comprehensive Safety, Health, and Environmental Management Plans and Programs to DOE.
- Successfully complied to the submission of quarterly accident statistics report to Department of Energy – Renewable Energy Management Bureau.
- Spearheaded Corporate Social Responsibility (CSR) activities like organic gardening through the Gulayan sa Paaralan Program, community gardening and vermicomposting, and coastal and river clean-ups.
- Successfully complied to the submission of online Self-Monitoring Report (SMR) and Compliance Monitoring Report (CMR) to DENR-EMB.
- Spearheaded the proper wastewater treatment.
- Conducted experiment on lowering the ammonia level of domestic wastewater.
- Monitored parameters set in DENR GES for coastal or ambient water, effluent, and influent wastewater.
- Conducted parallel test with an EMB accredited laboratory for BOD analysis of influent wastewater sample using Standard Methods for the Examination of Water and Wastewater, 22<sup>nd</sup> Ed., USA; APHA (2012).
- Facilitated the conduct of air emission test and renewal of environmental permits.
- Negotiated with NRDC, Seanogy, and Globecare for the hauling, treatment, and disposal of PCB contaminated transformers.
- Contributed to the company's zero waste policy by converting sludge and carbonized rice hull ash into organic fertilizer.
- Spearheaded information drive campaign for proper solid waste management.

- Participated in the Risk Assessment initiative of Laboratory Department through the implementation of 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 an inventory management system for the thirty-six (36) identified supplies and chemicals.
- Sustained the department's 100% compliance on testing parameters of ethanol, bioethanol, fuel bioethanol, beer, boiler water, and culture by employing flowchart, swim lane diagram, SIPOC, and RACI Matrix process mapping tools.
- Facilitated the development of laboratory's capability on Total Solids Determination in Beer by adapting the Method 2540B Total Solids Dried at 103-105°C of Standard Methods for the Examination of Water and Wastewater (SMEWW) 22<sup>nd</sup> Edition.
- Initiated the improvement of the Wort Preparation Work Instructions through the integration of process mapping tools and internal audit.
- Contributed to the Laboratory Department's success in winning 1<sup>st</sup> Place in the Company Anniversary's "Continuous Idea Team Contest" on October 2, 2020.

- Successfully implemented ten (10) boiler/cooling tower projects and one (1) Reverse Osmosis (RO) project.
- Monitored and improved five (5) water treatment projects in North Luzon and Metro Manila area.

## EDUCATIONAL ATTAINMENT

### TERTIARY - Bachelor of Science in Agricultural Chemistry

- Visayas State University, Main Campus, Baybay City, Leyte (2012-2017)

### SECONDARY – Class Salutatorian

- Abuyog Academy, Bito, Abuyog, Leyte (2008-2012)

### PRIMARY – Class Valedictorian

- Cancayang Elementary School, Cancayang, Javier, Leyte (2002-2008)

## TRAININGS AND SEMINARS

- **DOST Batangas Online Seminar on Hazardous Wastes Management** (August 2024)
- **Method Validation and Measurement Uncertainty Estimation for Chemistry Laboratory** (August 2024)
- **Introduction to AOAC International: Setting Standards in Analytical Chemistry** (July 2024)
- **Heat Stress Management, Severe Weather Training, and Safety Management System** (April 2024)
- **Climate Change Consciousness Week Webinar entitled "From Data to Action: Climate Change Mitigation through Greenhouse Gas Inventories and Nature-Based Solutions"** (November 2023)
- **BOSH Training for Safety Officer 2** (November 2023)
- **5S Seminar (In-house)** (September 2023)
- **Good Laboratory Practices Seminar (In-house)** (September 2023)

- **Installation and Calibration of Karl Fischer Titrator** (May 2023)
- **Time Management Fundamentals (E-Learning)** (December 2022)
- **2022 Virtual Technical Assistance to Establishments Within the WQMAs** (October 2022)
- **Seminar/Workshop on the Use of Pollution Control Office Online** (October 2022)
- **Regulatory Check: Understanding the DENR EMB Chemical Regulations Webinar** (September 2022)
- **Basic Training on Handling and Operation of BA210 Microscope** (August 2022)
- **Seminar on Cooling System and Boiler Water Treatment Program** (June 2022)
- **Capacity Building on Measurement, Reporting & Verification (MRV) of Climate Change Mitigation, Phase 2**  
**MRV 201: How to measure facility-level GHG emissions** (January 2022)
- **17<sup>th</sup> Energy Safety, Health and Environment Conference** (December 2021)
- **PCAPI National Third Technical Session: Climate Change = Be the Change** (November 2021)
- **Assessment of PCB Owners Compliances and Updating of Policies and Activities** (November 2021)
- **Wastewater Treatment Technologies – Basic Workshop** (July 2021)
- **PCB Management: Solutions for Business and Environmental Sustainability** (June 2021)
- **Engaging the Youth in Environmental Protection through Solid Waste Management Webinar and Eco Brick Making Workshop** (June 2021)
- **Nationwide End-User Training of Dangerous Drugs and Controlled Precursors & Essential Chemicals Monitoring System (DDCPEC-MS)** (June 2021)
- **Managing our Wastes for a Sustainable Ecosystem** (June 2021)
- **Dangerous Drugs and Controlled Precursor and Essential Chemicals Monitoring System** (June 2021)
- **Technical Session on Managing our Waste for a Sustainable Ecosystem** (June 2021)
- **Asbestos Awareness** (June 2021)
- **Fire Safety Induction** (May 2021)
- **Manual Handling Operations Awareness** (May 2021)
- **COSHH and the Safe Use of Cleaning Chemicals** (April 2021)
- **Health and Safety Induction** (April 2021)
- **Understanding Motivation and Motivational Factors** (March 2021)
- **Internal Audit Awareness** (March 2021)
- **ISO 50001:2018 Energy Management System Awareness** (February 2021)
- **ISO 45001:2018 Occupational Health & Safety Management System Awareness** (February 2021)
- **ISO 14001:2015 Environmental Management System Awareness** (January 2021)
- **ISO 9001:2015 Quality Management System Foundations** (January 2021)
- **40-Hour Basic Pollution Control Officer Training** (January 2021)
- **Coping in Isolation: Understanding Depression and Anxiety** (December 2020)
- **Mental Health Awareness** (December 2020)
- **Understanding and Managing Panic Attacks** (November 2020)
- **Building Resilience and Avoiding Burnout** (November 2020)
- **Understanding COVID-19: Economic Outlook** (November 2020)
- **Understanding COVID-19: Effects on Society** (October 2020)
- **Understanding COVID-19: Public Health Awareness** (September 2020)
- **Legionella in the Workplace Awareness Training** (September 2020)
- **Hazardous Substances Routes-to-Entry** (August 2020)
- **Safety Data Sheet Awareness Certification** (August 2020)
- **Spillage Response Awareness Training** (May 2020)
- **Occupational First Aid and Basic Life Support – CPR with Automated External Defibrillator (AED)** (February 2020)
- **Safety Orientation Training, Occupational Safety and Health** (January 2020)
- **Construction Safety Orientation** (April 2018)
- **Handling Operations in AAS and HPLC** (February 2017)
- **Symposium on Advances in Biochemistry and Molecular Biology Research** (January 2015)

## CHARACTER REFERENCES

- April Rose Galendez  
Registered Chemical Technician  
Uy Masuy Wine Factory Inc.  
JP Rizal Street, Labogon, Mandaue City, Cebu  
09772644074
- Gwendolyn Jaca  
HR and Admin Staff  
Leyte Agri Corporation  
Ipil, Ormoc City, Leyte  
09393965635
- Cherry Grace Adlawan  
Company Nurse  
Leyte Agri Corporation  
Ipil, Ormoc City, Leyte  
09814305350