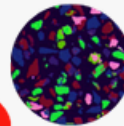
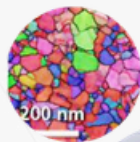


TRAININGS 2027

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Date	Training Title
January 28-29, 2027	Water Analysis Techniques
February 3-4, 2027	Failure Analysis Techniques
February 10-11, 2027	Microbiological Analysis in Water
February 17, 2027	Basic Principles of Liquid Chromatography
February 24, 2027	Quality Control Charting for Laboratories
March 3, 2027	Atomic Absorption Spectrometry (AAS)
March 17-19, 2027	Quality Control/Quality Assurance in Chemical Laboratories
March 31-April 1, 2027	Scanning Electron Microscopy and Energy Dispersive Spectroscopy Hands-On Training (SEM-EDX)

Venue and Modality

📍 Face-to-face training at
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Macaria Business Center, Carmona, Cavite

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Inclusion

- Training materials
- Certificate of completion
- Lunch and snacks
- Hands-on laboratory exercises (depending on the course)
- CPD points (for eligible programs)

**Training schedules are subject to change. Registered participants will be notified of any updates.*

**Customized, in-house, and other training programs not listed may be arranged upon request.*



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Upcoming Trainings – Q2 2027

Date	Training Title
April 6-7, 2027	7 Basic Quality Tools
April 14-15, 2027	Water Analysis Techniques
April 21, 2027	Water Sampling for Drinking Water and Wastewater
April 28-29, 2027	Measurement System Analysis
May 5-7, 2027	Method Validation of Chemical Analysis
May 12-13, 2027	Thermal Analysis by DSC and TGA
May 19-20, 2027	Elemental Analysis by EDX and XRF
May 25, 2027	Restriction on Hazardous Substances
May 27, 2027	ICP-OES Training
June 2-4, 2027	Design of Experiment
June 9, 2027	EBSA and Ion Milling Training
June 16-17, 2027	Reliability Engineering and Management
June 23-25, 2027	Quality Control/Quality Assurance in Chemical Laboratories
June 29, 2027	Quality Control Charting for Laboratories

Venue and Modality

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Inclusion

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Upcoming Trainings – Q3 2027

Date	Training Title
July 1, 2027	Water Sampling for Drinking Water and Wastewater
July 7-8, 2027	Water Analysis Techniques
July 14-15, 2027	Statistical Process Control
July 21-22, 2027	Thermal Analysis by DSC and TGA
July 28-29, 2027	Scanning Electron Microscopy and Energy Dispersive Spectroscopy Hands-On Training (SEM-EDX)
August 4-5, 2027	Failure Analysis Techniques
August 11-12, 2027	Measurement System Analysis
August 17, 2027	Good Laboratory Practice
August 19, 2027	Fault Isolation by OBIRCH and Photon Emission Microscopy
August 25-26, 2027	Material Science and Engineering
September 1-3, 2027	Method Validation of Chemical Analysis
September 8-9, 2027	Elemental Analysis by EDX and XRF
September 15-16, 2027	7 Basic Quality Tools
September 21, 2027	ICP-OES Training
September 23-24, 2027	Atomic Force Microscopy with Hands-On
September 29-30, 2027	8D Problem Solving & Decision Making

Venue and Modality

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Inclusion

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- Lunch and snacks
- Hands-on laboratory exercises (depending on the course)
- CPD points (for eligible programs)

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Date	Training Title
October 6-7, 2027	Statistical Process Control
October 12, 2027	Restriction on Hazardous Substances
October 14, 2027	Particle Size Analysis
October 20-21, 2027	Water Analysis Techniques
October 26, 2027	Water Sampling for Drinking Water and Wastewater
October 28, 2027	Good Laboratory Practice
November 4, 2027	Quality Control Charting for Laboratories
November 10-12, 2027	Quality Control/Quality Assurance in Chemical Laboratories
November 17-18, 2027	Microbiological Analysis in Water
November 24-25, 2027	Scanning Electron Microscopy and Energy Dispersive Spectroscopy Hands-On Training (SEM-EDX)
December 1-2, 2027	Microbiological Analysis in Water
December 9-10, 2027	Method Validation of Chemical Analysis

Venue and Modality

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Our In-House Resource Speakers



ENGR. MARLON J. LLANA, TECHNICAL & OPERATIONS DIRECTOR, NASAT LABS

Engr. Marlon holds a Bachelor of Science and a Master's degree in Chemical Engineering from Mapúa Institute of Technology and is currently a PhD candidate in Materials Science and Engineering. He has over 20 years of experience in the semiconductor industry with expertise in quality, research and development, laboratory operations, electroplating, failure analysis, and reliability, having held engineering and managerial roles for companies including Philips Semiconductors, SunPower Manufacturing, International Rectifier, and DECA Technologies. He is also a former part-time faculty member of Malayan Colleges Laguna, Lyceum of the Philippines-Laguna, and Colegio de San Juan de Letran, having taught for 14 years. He also serves as a technical assessor for DTI-PAB on ISO/IEC 17025 and is a member of the DTI Technical Committee for Nanotechnology.

BERNARDO M. REDONA, PhD

Dr. Bernie is a certified Six Sigma Black Belt with over 30 years of extensive experience in the semiconductor industry specializing in process engineering, product qualification, statistical process control implementation, quality, and reliability. He earned his Doctorate in Management major in Human Resource Management from the University of San Jose-Recoletos in Cebu, and holds both a Master of Engineering and a Bachelor's degree in Electronics and Communication Engineering from Mapúa Institute of Technology. He is a Subject Matter Expert in quality tools and statistical techniques, including FMEA, 8D, Design of Experiments, Statistics, 7 QC Tools, SPC, and MSA. Dr. Redoña previously served as Quality and Reliability Director at STMicroelectronics Calamba and has also shared his expertise through academic teaching as a professor. His professional involvement includes serving as Lead Assessor for the Philippine Quality Award, an Outstanding Mapúan Alumnus in Electronics and Communication Engineering, among other notable contributions across industry, quality, and education.

MARK ANTHONY C. ESMAEL, RCh, LABORATORY HEAD, NASAT LABS

Mac is the Laboratory Head of NASAT Labs, with over 15 years of experience in quality assurance, quality control, laboratory operations, and research and development. He specializes in a wide range of advanced analytical techniques, including Atomic Absorption Spectroscopy, UV-Visible Spectroscopy, Particle Size Analysis, and other methodologies integral to NASAT Water and Environmental Testing Laboratory. He holds a Bachelor's degree in Chemistry from the Polytechnic University of the Philippines and has received several units for Master of Science in Chemistry at De La Salle University. He has also acquired in-depth and factory training of advanced instrumentation overseas.

JOHN ALEC MARI C. COSICO, PhD, FAILURE ANALYSIS SUPERVISOR, NASAT LABS

Dr. John is a failure analysis and materials characterization expert with more than eight years of industry experience. He earned his bachelor's, master's, and PhD in Materials Science and Engineering, and was formerly a DOST-ERDT scholar at Mapúa Institute of Technology. His areas of expertise include electron microscopy, elemental analysis, surface morphology, failure investigation, materials evaluation and nanotechnology, among others. He is also an experienced technical instructor who conducts trainings on various advanced characterization techniques. In addition, Dr. John serves as a member of the DTI Technical Committee for Nanotechnology.



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