



National Master Plumbers Association of the Philippines, Inc.

NAMPAP DAVAO CHAPTER

in collaboration with

NAMPAP DAVAO ORIENTAL CHAPTER



1st REGIONAL TECHNICAL CONFERENCE

“Uplifting the Plumbing Profession through
In-depth Global Technical Competency”

September 19-21, 2025 | 8:00 AM - 5:00 PM
Blue Bless Beach Resort, City of Mati, Davao Oriental

“Water Supply in the
Philippines”

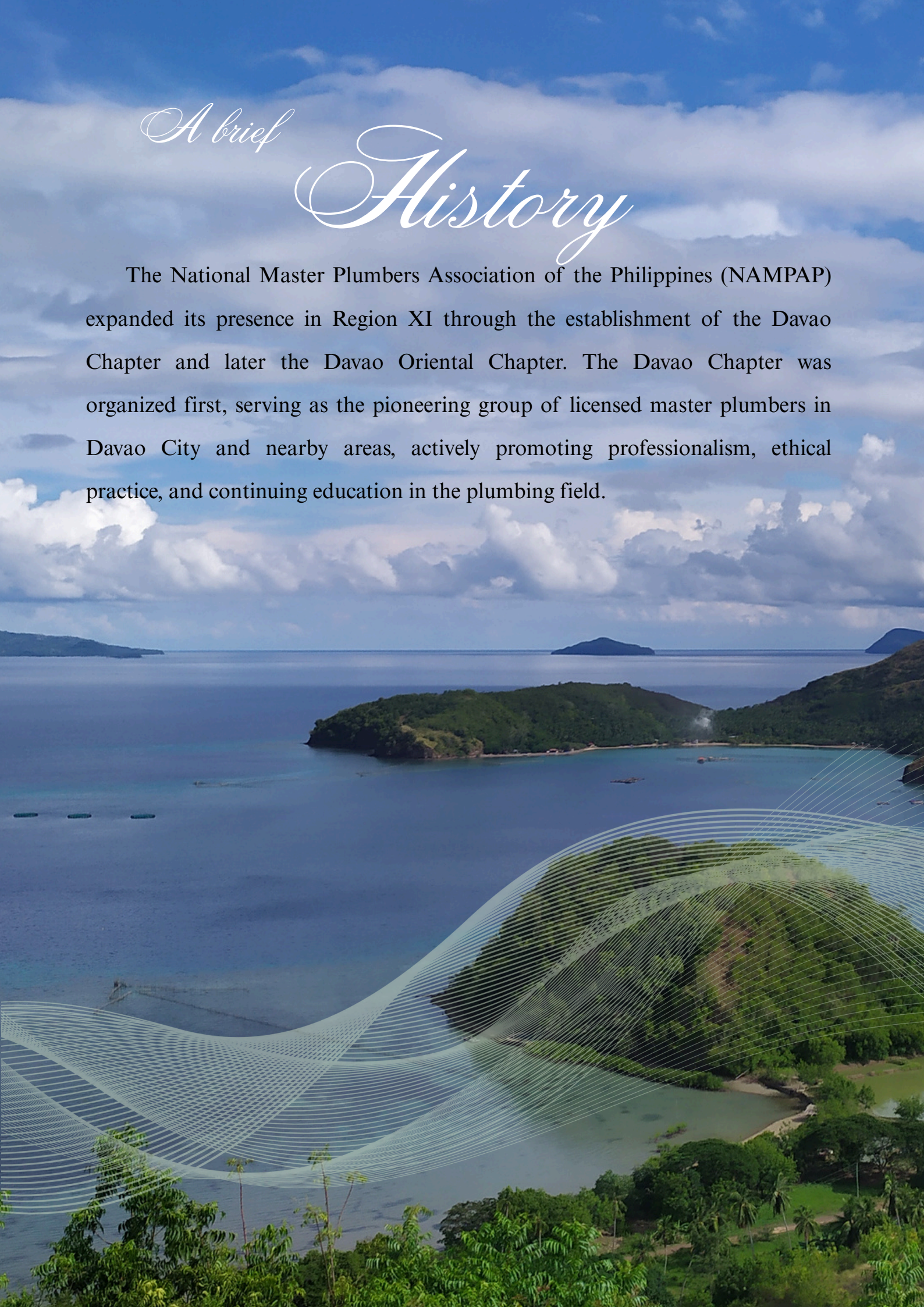
“Hot Water Systems”

Educational Tour

Mati Airport &
South Balibago Waterworks

“Pumps Selection and
Specifications”

“Hydraulic Analysis”



A brief History

The National Master Plumbers Association of the Philippines (NAMPAP) expanded its presence in Region XI through the establishment of the Davao Chapter and later the Davao Oriental Chapter. The Davao Chapter was organized first, serving as the pioneering group of licensed master plumbers in Davao City and nearby areas, actively promoting professionalism, ethical practice, and continuing education in the plumbing field.

As the demand for organized plumbing professionals grew in the province, the Davao Oriental Chapter was formed to extend NAMPAP's mission to Mati City and surrounding municipalities. Together, the two chapters have worked hand in hand to strengthen the plumbing profession in the region, support community and infrastructure development, and provide a strong network for practitioners to share knowledge and expertise. Their collaborative efforts continue to uphold NAMPAP's legacy of service, integrity, and technical excellence in Region XI.



On behalf of the Provincial Government of Davao Oriental, I extend my warmest greetings and congratulations to the National Master Plumbers Association of the Philippines (NAMPAP), Inc. – Davao Chapter, in partnership with the NAMPAP Davao Oriental Chapter, as you convene the 1st Regional Technical Conference in Mati City, Davao Oriental.

This historic event marks a significant milestone, not only for your respective chapters but also for the broader community of professionals in the plumbing and allied industries. It provides an invaluable opportunity for practitioners, experts, and stakeholders to come together, exchange technical knowledge, discuss emerging trends, and strengthen professional ties that are crucial to the continued advancement of your field.

The plumbing profession has always been an integral part of building safe, healthy, and resilient communities. Access to clean water and effective sanitation systems is not merely a matter of convenience—it is a fundamental necessity that protects public health, sustains economic activity, and safeguards the environment.

I recognize and deeply appreciate the work that you do. Every pipe installed, every system designed, and every standard upheld contributes to the safety and well-being of countless families and communities. Your commitment to excellence and adherence to the highest ethical and technical standards reflect not only your professionalism but also your sense of duty to the public you serve.

I therefore commend NAMPAP for your unwavering dedication to continuous learning and innovation. This conference demonstrates your proactive spirit—seeking new knowledge, adopting best practices, and sharing expertise with one another. It is through such initiatives that you equip yourselves to meet the demands of the present and prepare for the challenges of the future.

The Provincial Government of Davao Oriental remains steadfast in its support for endeavors that advance technical competence, promote professional development, and uphold public safety. We believe that partnerships with organizations like NAMPAP are essential in achieving our shared vision of progress that is sustainable, inclusive, and resilient. Together, we can build communities that are not only developed but also protected by sound engineering and professional integrity.

As you embark on this three-day conference, I encourage each participant to maximize this opportunity for growth, collaboration, and innovation. Let this gathering inspire you to reaffirm your commitment to your profession, to embrace emerging technologies, and to continue serving with excellence and dedication.

Once again, I congratulate the organizers and participants for making this milestone event possible. May this Regional Technical Conference be truly meaningful and fruitful, paving the way for stronger partnerships, enriched knowledge, and greater contributions to the advancement of the plumbing profession and the welfare of our people.

HON. NELSON L. DAYANGHIRANG

Governor, Province of Davao Oriental

Guest Speaker





Republic of the Philippines
Province of Davao Oriental
CITY OF MATI
OFFICE OF THE CITY MAYOR



MESSAGE



Welcome to the City of Mati!

As you gather by our shores for the 1st National Master Plumbers Association of the Philippines (NAMPAP) Davao Regional Technical Conference, we open not only our doors but also our hearts. May these days be filled with learning, exchange, and collaboration that strengthen your profession and enrich your journey.

While you are here, let the sea breeze of Pujada Bay and the warmth of our people remind you that Mati is a place to discover. As the sessions close, we invite you to return, linger longer, and explore more of our city-the white sands of Dahican, the calm waters of Masao, the landscapes of Mount Hamiguitan, and hidden gems that reflect both nature and community. Beyond professional growth, may you also find inspiration and a deeper appreciation of our land and people.

For in Mati, every visit carries the promise of renewal. Here, we believe that learning is not confined to conferences, it is also found in the way nature speaks to the soul and reminds us of why we build, why we design, and why we serve.

May this conference be a beginning, not only of professional growth but also of a lasting bond with Mati. We welcome you today, and we hope to welcome you again, this time, not only as participants, but as travelers, friends, and storytellers of the beauty you will find here.

Thank You and MAYOng Adlaw!

HON. JOEL MAYO Z. ALMARIO

City Mayor
City of Mati





NATIONAL MASTER PLUMBERS ASSOCIATION OF THE PHILIPPINES, INC. (NAMPAP, Inc.)



It is with great pride that I extend my warmest greetings to all participants, organizers, and partners of the first-ever NAMPAP Region XI Technical Conference, hosted by the NAMPAP Davao Chapter in partnership with the NAMPAP Davao Oriental Chapter here in the beautiful City of Mati, Davao Oriental.

This milestone gathering brings together plumbing professionals, engineers, architects, contractors, students, and industry partners to celebrate collaboration, professional excellence, and our shared responsibility to protect public health, promote sustainable practices, and support nation-building.

For nearly ninety years, NAMPAP has led with excellence. Through events like this, where knowledge is shared, innovations are explored, and partnerships are strengthened, we continue to build on this legacy.

I commend our Davao and Davao Oriental Chapters for their dedication, and I encourage all participants to seize this opportunity to learn, connect, and be inspired. Together, let us ensure this inaugural conference is both successful and a shining example of what we can accomplish as one profession.

Mabuhay ang NAMPAP! Mabuhay ang Region XI Technical Conference!

RMP Mat Wilson B. Ramos, CE, DBA
National President
NAMPAP Inc.



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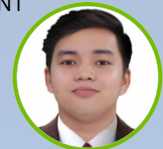
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National Master Plumbers Association of the Philippines, Inc. - Davao Chapter



MESSAGE

Warm greetings of solidarity!

As a member turned president who witnessed the growth of the National Master Plumbers Association of the Philippines (NAMPAP) – Davao Chapter, it is with immense pride and joy that I welcome you to the 1st NAMPAP Davao Region Technical Conference. This historic event stands as a testament to our shared commitment to elevate the plumbing profession and to foster continuous growth and learning within our field.

This conference is more than just a gathering of professionals—it is a convergence of ideas, innovation, and collaboration. Through the technical sessions and knowledge exchanges, may we be inspired to embrace new technologies, strengthen our professional standards, and contribute to building sustainable, safe, and healthy communities.

I extend my deepest gratitude to our distinguished speakers, partners, and sponsors for their invaluable support, and to all participants whose presence makes this milestone meaningful. Truly, your dedication reflects the spirit of unity and progress that defines NAMPAP.

As we embark on this first regional conference, let it serve as a strong foundation for future endeavors that will further enrich our profession and empower our members across the region.

Congratulations to everyone, and may this event mark the beginning of many more successful conferences ahead.

Mabuhay ang NAMPAP!

RMP Jeizel Rose B. Besinan, UAP

Chapter President

NAMPAP Inc. Davao Chapter



National Master Plumbers Association of the Philippines, Inc. - Davao Oriental Chapter



MESSAGE

Warm greetings to everyone!

On behalf of the National Master Plumbers Association of the Philippines – Davao Oriental Chapter, it is with great honor and pride that I extend my warmest greetings to all participants of the 1st Regional Technical Conference of the NAMPAP – Davao City and Davao Oriental Chapters, held here at the beautiful Blue Bless Beach Resort, City of Mati, Davao Oriental.

Our theme, “Uplifting the Plumbing Profession through In-depth Global Technical Competency,” is both timely and relevant. As professionals entrusted with safeguarding public health, safety, and sustainability, we must continue to equip ourselves with the latest knowledge, skills, and innovations. This gathering serves as a platform to exchange expertise, strengthen camaraderie, and reaffirm our shared commitment to raising the standards of the plumbing profession.

I commend the organizers, partners, and all our fellow master plumbers for their dedication in making this milestone event possible. May this conference inspire us to embrace continuous learning, foster unity among chapters, and enhance our capacity to meet both local and global demands in our field.

Together, let us carry forward the mission of NAMPAP - not only to uphold technical excellence but also to serve as stewards of safe, sustainable, and progressive communities.

Congratulations, and may this conference be a success for all!

Thank you, and Mabuhay ang NAMPAP!

RMP John Christopher S. Algallar

Chapter President

NAMPAP Inc. Davao Oriental Chapter





National Master Plumbers Association of the Philippines, Inc. - Davao Chapter

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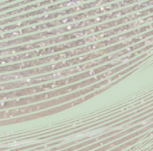
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TOPICS



Water Supply in the Philippines

The water supply in the Philippines is sourced mainly from rivers, lakes, reservoirs, and groundwater. Despite being an archipelago with abundant rainfall, the country faces challenges in ensuring safe, reliable, and accessible water for all communities. Urban areas are generally served by water districts and private concessionaires, while many rural areas still rely on deep wells, springs, or communal systems. With the growing population, changing climate, and limited infrastructure, providing reliable water supply has become one of the country's most important needs.

Hot Water Systems

Hot water systems are installations designed to provide heated water for daily use, such as bathing, cleaning, and cooking. They can be powered by electricity, gas, solar energy, or even heat pumps, depending on the setup. Common types include storage water heaters, instant (or tankless) heaters, and solar-powered systems. A reliable hot water system improves comfort, hygiene, and convenience in homes, hotels, hospitals, and other facilities.



Pump Design, Selection and Specifications



Pump design, selection and specification in plumbing are essential steps in ensuring that water is delivered efficiently and reliably within a building or facility. Choosing the right pump depends on factors such as water demand, building height, pressure requirements, and the type of system being used. Proper specification helps match the pump's capacity, power, and efficiency to the needs of the project, ensuring smooth operation, energy savings, and long service life.



Hydraulic Analysis

Hydraulic analysis is the process of studying how water flows through a piping or distribution system. It helps engineers understand pressure, velocity, and flow behavior to ensure that the system can deliver water efficiently and safely. By performing hydraulic analysis, designers can identify potential issues like low pressure, pipe friction losses, or unequal distribution, allowing them to create plumbing or water supply systems that are reliable, cost-effective, and sustainable.



Educational Tour

South Balibago Waterworks

The local arm of South Balibago Waterworks dedicated to providing reliable and safe water supply to households, businesses, and establishments in Mati City, Davao Oriental. The branch plays an important role in supporting the city's growth by ensuring access to clean water through modern facilities, efficient distribution systems, and responsive customer service. Its operations are part of the company's wider commitment to sustainable water management and community development.

Mati Airport

Mati Airport (formerly known as Imelda R. Marcos Airport) is a domestic airport located in Dahican, Mati City, Davao Oriental, Philippines. It serves as the main gateway to the province, offering easier access to Mati's stunning beaches, diving spots, and other natural attractions. While commercial flights have been limited in recent years, the airport is primarily used for general aviation, chartered flights, and government operations. Plans for its rehabilitation and reopening to regular commercial services aim to boost tourism and economic activity in the region.





National Master Plumbers Association of the Philippines, Inc.

Region XI - 1st Regional Technical Conference

Sept. 19-21, 2025

Blue Bless Beach Resort, City of Mati, Davao Oriental



DAY 01 – SEPTEMBER 19, 2025 (EDUCATIONAL TOUR)

07:00 AM – 08:00 AM	ASSEMBLY	
08:00 AM – 09:00 AM	Travel to Mati Airport	
09:00 AM – 11:00 AM	Orientation and Lectures	
11:00 AM – 12:00 PM	Travel to South Balibago Waterworks	
12:00 PM – 01:00 PM	LUNCH	
01:00 PM – 03:00 PM	Orientation and Lectures	
03:00 PM – 05:00 PM	Dismissal, Travel Back to the Meeting Place	
- End of Day 1 -		



2024 NAMPAP NATIONAL CONVENTION - EDUCATIONAL TOUR





National Master Plumbers Association of the Philippines, Inc.

Region XI - 1st Regional Technical Conference

Sept. 19-21, 2025

Blue Bless Beach Resort, City of Mati, Davao Oriental



DAY 02 - SEPTEMBER 20, 2025

07:00 AM - 08:00 AM	Registration	Secretariat
OPENING PROGRAM		
08:00 AM - 10:45 AM	Invocation	AVP
	National Anthem	AVP
	Introduction of Dignitaries	RMP Christy Mae Labajo - Emcee RMP Klein Magdaraog - Emcee
	Opening Remarks	RMP Jeizel Rose Besinan Davao Chapter President
	Message from the NAMPAP, Inc. National President	RMP Mat Wilson B. Ramos National President
	Introduction to Guest Speakers	RMP Shaira June Borja Davao Oriental Chapter
	Guest Speakers	Hon. Mayo Almario Mayor City of Mati, Davao Oriental Atty. Lovella Fe M. Tacder, Ph.D., LPT Provincial Tourism Officer, Representative of Hon. Nelson Dayanghirang, Provincial Governor of Davao Oriental
TECHNICAL SESSIONS		
10:45 AM - 12:00 NN	Session 1: "Hydraulic Analysis"	RMP Elmer Pelinio
	Q & A / Forum	
12:00 NN - 1:00 PM	L U N C H	
	Product Presentation - Sponsor 1	
01:00 PM - 02:30 PM	Session 2: " Hot Water Systems"	RMP Darryl Gelacio
	Q & A / Forum	
02:30 PM - 02:45 PM	Product Presentation - Sponsor 2	
02:45 PM - 04:00 PM	Session 3: "Pump Design Selection & Specifications"	RMP James Ray Magdadaro
	Q & A / Forum	
04:00 pm - 04:15 PM	Product Presentation - Sponsor 3	
04:15 PM - 05:00 PM	BOMP Hour, PRC Updates, Open Forum	Hon. Reynald B. Ilagan Chairman, PRB of Master Plumbing Professional Regulation Commission
NAMPAP FELLOWSHIP NIGHT		
06:30 PM - ONWARDS	D I N N E R	
End of Day 2		

DAY 03 - SEPTEMBER 21, 2025

07:00 AM - 08:00 AM	Registration	Secretariat
OPENING PROGRAM		
08:00 AM - 08:15 AM	Invocation	AVP
	National Anthem	AVP
TECHNICAL SESSION		
08:15 AM - 09:45 AM	Session 4: "Water Supply in the Philippines"	RMP Jonathan Dalona
	Q & A / Forum	
09:45 AM - 10:00 AM	Product Presentation - Sponsor 4	
10:00 AM - 11:15 AM	NAMPAP Hour	RMP Meljune Orillosa National Vice President for Mindanao
11:15 AM - 12:00 NN	Closing Remarks	RMP John Christopher Algallar Davao Oriental Chapter President
	Closing Prayer	
	Group Pictorial	
12:00 NN	L U N C H	
End of Day 3		



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