

MSNT

E-NEWSLETTER

96th edition | March 2024

NDT Excellence:
Navigating Challenges,
Upholding Integrity, and
Shaping a Robust Future

Addressing Challenges for a
Bright Future

7th MINDTCE

8th National Seminar on **Materials
and Structural Integrity**

E-Mobility Asia and Malaysia
EV Ecosystem **Skills
Conference 2023**

The Malaysia NDT Personnel
Qualification & Certification Scheme

Successful **Technical Talk**
on "NDT for Civil
Engineering Inspection"

Regional **NDT Events**

MSNT 35th AGM

MSNT Badminton Tournament 2024
Crowns Victorious Champions

MSNT **Membership**



Message from the President



As we embrace the dawn of a new year, I am filled with profound gratitude for the collective efforts and unwavering dedication demonstrated by each member of our esteemed society. I extend my deepest appreciation to all for your continued support, involvement, and contributions.

In this edition, we proudly present the latest news and events organized and participated in by our dynamic society. This includes updates on upcoming events and pertinent information for all members, fostering an environment where everyone remains informed and engaged in our society's activities. As we continue to grow and evolve, we are committed to providing valuable opportunities for networking, sharing, and collaboration among our diverse membership.

In the spirit of unity and collaboration, let us work together to shape a brighter future for our society and leave a lasting legacy for generations to come. Together, we can achieve greatness and create positive change in our community and beyond. Thank you for your unwavering commitment and for being an integral part of our society.

Wishing you all a year filled with prosperity, joy, and continued success.

Dr. Ilham Mukriz
MSNT President



Navigating Challenges, Upholding Integrity, and Shaping a Robust Future

NDT Excellence



Pursuing excellence in the dynamic landscape of Non-Destructive Testing (NDT) has positioned it as a sought-after career across diverse industries, including oil and gas, aerospace, railways, and construction. With a historical focus on meticulous work that yields high returns and ensures client satisfaction, NDT professionals have been integral to safeguarding assets. However, the industry faces challenges that necessitate strategic navigation for continued growth.



Challenges in the NDT Industry

- Certification Bodies:** The rise of multiple certification bodies has provided candidates with choices based on logistical convenience, course fees, and personal preferences. While accreditation paperwork may be in place, concerns arise about substandard practices during certification processes, potentially leading to less qualified NDT personnel entering the job market.
- Demand and Supply Dynamics:** Striking a delicate balance between demand and supply is crucial for the NDT industry. An oversupply of professionals can inadvertently affect salary structures and job perks, impacting the overall quality of work. Managing this equilibrium is essential for sustained industry growth.
- Automation Technology:** The advent of automation technology since 2010 has introduced an alternative to manual NDT work. However, the high capital investment required for automation has prompted a cautious approach in Malaysia. NDT professionals must proactively enhance their technical skills to remain competitive in an evolving market.
- Competitive NDT Equipment:** The market has witnessed an influx of competitive NDT equipment, fostering technological advancements and improving result reliability. Nevertheless, the attractiveness of cheaper, poor-quality equipment poses a risk to service providers, underscoring the importance of investing in reliable tools.

Addressing Challenges for a Bright Future

Shaping the Industry



As Malaysia becomes a developed nation, the demand for highly skilled personnel, including NDT professionals, is inevitable. NDT excellence is achievable by navigating challenges through transparent certification processes, continuous skills improvement, investment in quality equipment, and fostering collaborative relationships.

- **Certification Scheme:** To maintain the industry's integrity, establishing a transparent and reliable certification scheme is paramount. This ensures that only qualified professionals enter the job market, preserving NDT's reputation.
- **Workforce Skill Enhancement:** NDT professionals must embrace automation by continually improving their technical skills. This proactive approach ensures competitiveness in a market gradually integrating technological advancements.
- **Quality Tools and Equipment:** Investing in high-quality NDT equipment is essential despite potential cost implications. Reliable tools contribute to accurate results, upholding industry standards and fostering client trust.
- **Collaboration between Professionals and Clients:** Fostering collaborative relationships based on mutual satisfaction and agreement between NDT professionals and clients accelerates realizing shared goals. This synergy contributes to the development of a highly skilled workforce.

"This collective effort ensures the industry's resilience against challenges and contributes positively to the nation through regular audits and legal consequences. With the right mindset and a commitment to quality, NDT professionals can significantly shape the industry's future while upholding its excellent reputation"

The 7th Malaysia International NDT Conference and Exhibition (7th MINDTCE)

Breaking Barriers: A Journey to Next-Gen NDT Solutions

We're delighted to invite you to the 7th Malaysia International NDT Conference & Exhibition (7th MINDTCE) at the Grand Lagoon Ballroom, Sunway Resort Hotel, on August 20th and 21st, 2024.

Themed "Breaking Barriers: A Journey into Next-Gen NDT Solutions," this biennial event, organized by the Malaysian Society for Non-Destructive Testing (MSNT), promises a dynamic platform for networking, education, and innovation in NDT.

Just as in previous instances of MINDTCE, the conference and exhibition continue to be a premier showcase for NDT in this region, offering excellent opportunities to engage with professionals from the industry, research organizations, academia, NDT training and certification sectors, regulatory bodies, and more.

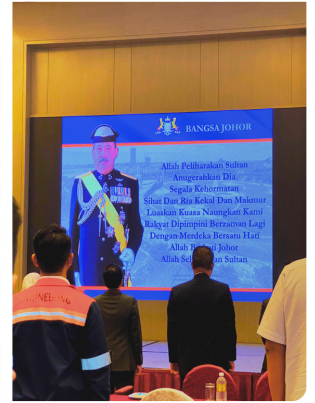
We look forward to seeing you at the 7th MINDTCE!



📍 Sunway Resort Hotel
✉ mindtcesecretariat@msnt.org.my
🌐 <https://mindtce.com.my>

8th National Seminar on Materials and Structural Integrity

Grand Paragon Hotel, Johor Bharu



The 8th National Seminar on Materials and Structural Integrity was organized by the Malaysian Association of Research Scientists (MARS) and the Malaysian Nuclear Agency, on 17 - 18 October 2023.

The event offers a comprehensive program filled with insightful keynotes and presentations that explore various topics related to materials and structural integrity. It has attracted professionals and enthusiasts alike who are involved in and interested in assessment of materials and structural integrity. The goal is to facilitate the dissemination and exchange of information on state-of-the-art technology and developments in this field.

As one of the supporting organizations for the event, MSNT had the privilege of giving a presentation related to NDT. Mr. Wan Abdullah Wan Hamat (MSNT Vice President) and Mr. Amry Amin Abas (MSNT Treasurer) shared their knowledge and experience on structural integrity inspection methods and material failure resulting from deficiencies, respectively.

It is hoped that the discussions and presentations provided during the seminar will lead to new insights, solutions, and collaborations that benefit both the industry and society at large. Congratulations again on organizing a successful and fruitful seminar!



E-Mobility Asia and Malaysia EV Ecosystem Skills Conference 2023

Grand Paragon Hotel, Johor Bharu

From November 22 to 24, 2023, MSNT showcased its commitment to advancing the field of green technology and electromobility as one of the exhibitors at E-Mobility Asia held at the Kuala Lumpur Convention Centre.

The three-day event features a trade exhibition and two conferences by strategic partners – Electric Vehicle Association of Malaysia (EVAM) and Malaysia Automotive, Robotics & IoT Institute (MARii). MSNT seized the opportunity to showcase the vital role of Non-Destructive Testing (NDT), Radiographic Testing - Digital (RT-D), and National Occupational Skills Standard (NOSS) in fostering industry excellence.

During the Malaysia EV Ecosystem Skills Conference 2023, organized by MARii and the Department of Skills Development (JPK), Dr. Khairul Anuar (MSNT Secretary) was invited as one of the speakers, and Dr. Ilham Mukriz (MSNT President) was among the panelists contributing to the dialogue session themed “Streamlining TVET Programmes for International Recognition.”

MSNT's active involvement in E-Mobility Asia and the Malaysia EV Ecosystem Skills Conference 2023 resonates with the society's unwavering commitment to spearhead innovation and sustainability in green technology and electromobility.



The Malaysia NDT Personnel Qualification and Certification Scheme

Director General Office, Department of Skills Development, Putrajaya

MSNT recently conducted a courtesy visit to the office of Puan Zuleah Darson, the Director General of JPK, on November 27, 2023. The meeting, which lasted for one hour, delved into crucial discussions regarding the internationally recognized certification system for NDT, introduced by JPK since the mid-1980s. Among the topics explored were the widespread acceptance of this certification system within the industry and among neighboring countries, upcoming proactive measures to further enhance NDT standards, and the expectations of the Malaysian industry in terms of NDT proficiency and compliance.



One of the key highlights of the meeting was the discourse on the developed National Occupational Skills Standard (NOSS) specifically tailored for the aerospace industry. The discussion also touched upon the significance of the National Aerospace NDT Board (NANDTB) in ensuring adherence to rigorous quality standards within the aerospace sector. MSNT took the opportunity to propose strategies aimed at facilitating the recognition of competent NDT personnel holding Malaysian aerospace NDT certificates by regulatory bodies, thereby streamlining certification processes and promoting workforce mobility within the industry.

Furthermore, JPK expressed its commitment to support and collaborate with MSNT by agreeing to be one of the supporting organizations at the upcoming 7th MINDTCE scheduled for August 2024. This collaboration is set to extend to subsequent editions of MINDTCE and APCNDT (2029), signifying a long-term partnership aimed at advancing NDT excellence and fostering international cooperation within the field.



Technical Talk on "NDT for Civil Engineering Inspection"

Malaysian Nuclear Agency

We are thrilled to highlight and celebrate the resounding success of the recent Technical Talk focused on "NDT for Civil Engineering Inspection," a collaborative effort between the Malaysian Nuclear Agency and the Malaysian Society for Non-Destructive Testing (MSNT). The event, held on February 7, 2024, at the Seminar Room, Block 11, Malaysian Nuclear Agency, Bangi, brought together industry professionals, experts, and enthusiasts alike.

*"Great event!! Malaysia is growing up!
Thanks for the opportunity of sharing
our ideas and experience with you"*

-Abel Domato Jayo-

The Technical Talk featured distinguished speakers Abel Domato Jayo and Dario Foppoli, both esteemed and internationally recognized IAEA experts in the field of NDT for Civil Engineering (NDT-CE). Their presentations delivered invaluable insights and expertise, shedding light on the latest advancements, methodologies, and best practices in civil engineering inspection through NDT techniques.

The event was marked by lively and engaging discussions among attendees, who actively participated in exploring the pivotal role of NDT-CE in ensuring the safety, reliability, and structural integrity of civil engineering infrastructure. Through shared experiences, case studies, and interactive sessions, participants gained a deeper understanding of cutting-edge technologies and innovative approaches essential for effective NDT practices in civil engineering inspections.

Overall, the Technical Talk served as a platform for knowledge exchange, networking opportunities, and fostering collaborative efforts towards elevating standards and excellence in NDT applications for civil engineering inspections.



Regional NDT Events

Visit [ICNDT](#) and [APFNDT](#) pages for more info

MSNT is organizing the 7th MINDTCE at the Sunway Resort Hotel

20 - 21 August 2024



MSNT will be at the 20th WCNDT

Songdo Convensia, Incheon, Korea, 27-31 May 2024



MSNT will be at the
17th Asia Pacific Conference for Non-Destructive
(APCNDT) Testing

Honolulu, Hawaii USA 11-14 May 2026



Honolulu, Hawaii | 11-14 MAY 2026





35TH ANNUAL GENERAL MEETING (AGM)



**Tuesday, 30
April, 2024**



8:00 AM - 1:00 PM



Bangi Resort Hotel, Selangor



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MSNT Badminton Tournament 2024 Crowns Victorious Champions

Puchong Sport Center

The MSNT Badminton Tournament 2024 held at the Puchong Sport Center on February 24, 2024, was a thrilling showcase of skill and sportsmanship.

The Men's Doubles category witnessed intense battles on the badminton court, with Che Mohammad Hisham and Hadi Syamizan from One A Badminton Club emerging victorious and claiming the gold medal. Wan Abdullah Wan Hamat and Mohd Noor Firdaus, also from One A Badminton Club, secured the runners-up spot, while Kong Tek Choy and Mohammad Faiz from the same club clinched third place. Amry Amin Abas and Mohd Kamal Shah from Nuklear Malaysia displayed commendable sportsmanship and secured fourth place.

The Women's Doubles category also saw exceptional performances, with Noriffah Ilyani and Nurul Hidayah from Applus+ claiming the championship title, and Shazatul Norain Binti Fadli and Nur Hidayah Najihah binti Baharuddin, also from Applus+, securing the runners-up position.

MSNT extends heartfelt thanks to all participating teams from Tentera Udara Diraja Malaysia, Lott Inspection Sdn. Bhd., Malaysian Nuclear Agency, KPG Synergy Sdn Bhd, Universiti Tun Hussein Onn Malaysia (UTHM), and Applus+. The success of the tournament was made possible by the generous support from sponsors such as G7 Aerospace Sdn. Bhd., Epic Aero, One A Badminton Club, and UTM Enterprise.



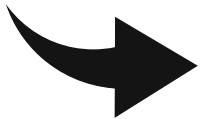
MSNT Membership

Get Yourself Updated

We would like to extend a warm invitation to all professionals and enthusiasts in the field of Non-Destructive Testing (NDT) to join us as members of the Malaysian Society for Non-Destructive Testing (MSNT). As a vibrant and dynamic society dedicated to promoting excellence in NDT practices, we value the contributions and expertise of individuals like you.

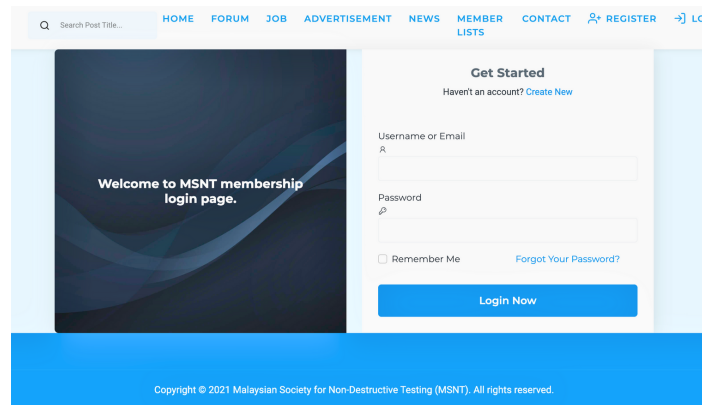
By becoming an MSNT member, you not only gain access to a wealth of resources, networking opportunities, and industry insights but also play an integral role in shaping the future of NDT in Malaysia. Our society thrives on the diverse experiences and knowledge of our members, and we believe that your involvement will enrich our community and advance the field of NDT across various sectors.

You may register as a member of MSNT by scanning the QR code.



We also kindly remind all existing members to ensure that their information is updated on our website. You may check and update your details at <https://member.msnt.org.my/>

By taking a few moments to log in to your member account on our website, you can review and update your profile information such as contact details, professional affiliations, and any other pertinent information. This not only helps us maintain accurate records but also ensures that you are well-informed about upcoming events, initiatives, and important announcements within our community.



Thank you for considering membership with MSNT and for your continued support and active participation.



12 - 16 NOVEMBER 2029
KUALA LUMPUR CONVENTION CENTER

THE MALAYSIAN SOCIETY FOR NDT (MSNT) WEBSITE & SOCIAL MEDIA

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<https://www.msnt.org.my/>



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The Malaysian Society for NDT

