



E-Newsletter

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Message from the President

As we move to the 3rd quarter of 2021, I truly hope all members of MSNT and colleagues are staying safe and in good health during this

prolonged battle with the Covid-19. By now I believe many of us have managed to embrace the uncertainty brought by the pandemic, that require more resilience, more agility, more safety, and more digitalization. Let us maintain a positive outlook during this challenging time and continue to make plans for the future.

In this 91st issue of MSNT's e-Newsletter, we bring a special showcase on the commercial perspectives of NDT. Their struggles, adaptation to new ways of doing business and the need to adopt to new strategies for their survival are some of the stories shared by our colleagues from the service provider and equipment supplier sectors. Updated information and announcements, and not forgetting success story that will remain as part of our NDT history also featured in this issue.

We will have few celebrations and events, thus holidays that comes with it, in this 3rd quarter of 2021. Even though we might be restricted to celebrate it with families and friends as we normally do, let us hope this would be a one-time sacrifice that we need to endure. Nonetheless, we hope difficult times are already behind us and let us steer ahead for a positive and productive year.


.....
Dr. Ilham Mukriz Zainal Abidin
President of MSNT

HUSTLING THROUGH THE PANDEMIC...



PANORAMIC RESOURCES & INSPECTION SDN BHD

Panoramic Resources Sdn Bhd is currently struggling to keep its employee's wages paid throughout the month, even when the project is moving slowly. In this current situation, the only project considered as urgently needed will be executed, while projects not urgently needed will be put on hold.

Another problem faced is the payment from the main contractor, whereby the payment period received was not according to the Purchase Order or Contract Agreement. This situation leads the company to find external funding to pay the employee's salaries. The external fund is used only to pay the basic monthly wage, which does not include their allowances.

However, the company is still trying their very best to prevent from going bankrupt to survive during this pandemic. It is hoped that the relevant authorities will provide financial assistance that can help the company operating.

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challenging for the company to provide the best service still and maintain its operational efficiency

MELCO NDT

The Covid-19 pandemic has affected many NDT companies in Malaysia. It is challenging for the company to provide the best service still and maintain its operational efficiency by adapting to the new norm.

- **DEMONSTRATION**
A video demonstration is used to demonstrate the operation of the instruments and any specific applications. It can ensure the safety of clients.
- **VIRTUAL MEETING**
A virtual meeting is one of the methods used to communicate with clients to understand the needs and difficulties faced by the clients.
- **PHYSICAL SUPPORT**
Sanitizing hands regularly, put on a mask, and social distancing is strictly practice.



WINNER INSPECTION SDN BHD

Problems and challenges faced by Winner Inspection Sdn Bhd throughout the pandemic period are the difficulties in sending the employees to renew their competency certificates such as the RT and UT certificates, etc.

Besides, the company has to bear the extra cost such as the expensive flight tickets (to Kuala Lumpur, Kota Kinabalu, or Miri), 10 - 14 days of quarantine at a hotel, price of the swab tests (before and after entering the State), meals and laundry services. The situation worsens when the payments from the clients are late.

The company also faces difficulties in providing workforces according to client's requests, especially for

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offshore activities. Each employee should be quarantined for 14 days before boarding an offshore platform and again quarantined for 3 -10 more days after coming back from the offshore platform.

Additionally, the employees who are called to work must undergo a PCR swab test. A lot of time is wasted for the employees due to the quarantine process. However, the company will still do its best to provide services to its clients despite the problems and challenges faced during this pandemic.

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*ever-increasing
Covid19
compliance cost
and ever reducing
revenue added to
the operational
confusions
arising from the
“New Norm”*

DANAMIN (M) SDN BHD

The deadly Covid 19 pandemic has greatly affected the Oil and Gas industry locally as well as globally. Danamin (M) Sdn Bhd is not spared from the whiplash and is faced with the daunting task of staying afloat. Ever-increasing Covid19 compliance cost and ever reducing revenue added to the operational confusions arising from the “New Norm”.

Hence after initial disorientation has subsided, Danamin (M) Sdn Bhd opted to become adaptive and proactive in meeting market demands amidst this turbulent period:

- Compliance with relevant SOPs
- Communication with the stakeholders – open and honest
- Commitment and strong support from all employees – despite some strict measures to curb cost
- Cost control measures – a reassessment of work procedures
- Collaboration with subcontractors and vendors – mutually beneficial situation albeit reduced profit margin for both parties
- Continuous learning and re-learning initiatives company-wide – apart from staying relevant to market demands, this keep the employee’s morale high
- Configuration of the most productive way to total asset management

All the above is undoubtedly painstaking but wholly meaningful and must be implemented in ensuring the survival of Danamin (M) Sdn Bhd. Although the near future still appears murky, Danamin (M) Sdn Bhd is optimistic that all the above measures undertaken will help Danamin to rebound stronger at the precise time.

ALTEC INDUSTRIAL & ENGINEERING SUPPLY SDN BHD

The unprecedented Covid-19 pandemic disturbed the worldwide supply chain and change ways of doing business. The Altec Industrial & Engineering Supply Sdn Bhd is a distributor and supplier for NDT products and is currently facing various logistics, marketing, and sales and after-sales support and finance challenges.

The challenges in logistics are the in-bound and out-bound (airfreight or sea freight), increased cost of transportation, uncertainty on the flight schedule, and space availability and limitation in the movement due to travel restriction (MITI or PDRM approval). The

customer's project was also delayed, which also impacted Altec due to decreasing demand. The company is unable to operate with full force due to the reduction of human resources. The international supply chain of raw materials used in manufacturing and packaging has been disrupted, resulting in a lack of finished goods. Additional cost to operate incurred due to swab test, quarantine, sanitization materials etc.

In marketing, sales and after-sales support, the company can deliver the equipment by the courier services but is unable to train them at their site due to travel restrictions. Limitations of virtual training occurred due to some of the customers do not have the facilities. Seminars on the latest technologies are unable to carry out in Malaysia due to no clearance to travel for the principals. Besides, several active projects in East Malaysia cannot be supported due to travel restrictions and the quarantine process. Visits to specific factories are not allowed without the swab test. Hence it restricts the movement on the frontline support.

Also, during this crucial period, the finance or credit companies limit the facilities to their customers. The company faced difficulties with selling or introduced advanced equipment to customers due to financial limitations.

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facing various logistics, marketing, and sales and after-sales support and finance challenges



Malaysia's first certified SKM ISO 9712 Radiographic Testing – Digital (RT-D) Level II personnel

It is a pleasure to announce that Malaysia has managed to produced certified personnel for Radiographic Testing – Digital (RT – D) in accordance with ISO 9712 under the national certification (SKM) for NDT. As such an historic event for NDT in Malaysia, it doesn't get any better when apparently the first two personnel to be certified are both females.

Ms. Noorhazleena Azaman and Dr. Sapizah Rahim from the Malaysian Nuclear Agency are among the first group of participants for the RT – D training course and examination conducted in 2020. After fulfilling the industrial experience requirement, they were the first to apply and then approved by JPK in 2021 to be certified in RT – D Level II.



The RT – D certification under the Malaysian Certification Scheme became a reality after the great effort made by JPK to introduce advanced NDT certification and remain competitive in NDT certification at the national and international level. This was also made possible by the strong support given by MSNT, DSM and the International Atomic Energy Agency (IAEA).



NATIONAL AEROSPACE STANDARD NAS 410			
SALIENT POINTS	CURRENT	PREVIOUS	HIGHLIGHTS OF THE CURRENT REVISION
REVISION NO	5	4	
REVISION DATE	30 SEPT 2020	19 DEC 2014	
LEVEL 1- LIMITED	ANNEX B	PARA 5.1.2	1. ANNEX B specifies the requirements for qualification and certification of Level 1- Limited NDT personnel. 2. ANNEX B only applies when authorized by the cognizant engineering organization or the employer's written practice.
EXAMINATIONS	PARA 7.1.1 GENERAL	-	1. Specific examination shall be administered after a minimum of 75% of Table II requirements have been completed. This means that all candidates attempting for qualification examination must have acquired a minimum of 75% of hands-on experience. Responsible Level III of the organization must ensure that this requirement is fulfilled. 2. Table II requirements shall be complete prior to administration of practical examination. This means candidate attempting for practical examination must have acquired 100% of the hands-on requirements as stated in Table II.

NDT for Aerospace

- Some salient points from the latest issue of NAS410 as tabulated.
- The Selangor State Government has agreed to reschedule the Selangor Aviation Show 2021 to a new date in November 2021, from 25th to 27th. All aviation enthusiasts are to take note of the new dates and mark their calendar accordingly.

The 2nd revision of AELB Lem/Tek/33 - April 2021



TECHNICAL GUIDANCE

CODE OF PRACTICE ON RADIATION PROTECTION IN INDUSTRIAL RADIOGRAPHY



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REVISED CODE OF PRACTICE

The Atomic Energy Licensing Board (AELB) has published the second revision of Lem/Tek/33, The Code of Practice on Radiation Protection in Industrial Radiography.

The revised document is written based on the new recommendations by the International Atomic Energy Agency (IAEA) and local industries. Industrial radiography service providers, plant owners, and stakeholders are recommended to revise their program, procedure and plan based on the revised document, accordingly.

Get a copy of the document from their website.



Do you know that there are 91 licensees providing industrial radiography services in Malaysia?

"AELB 2019 Annual Report"

POSTPONEMENT ANNOUNCEMENT



32nd MSNT Annual General Meeting (AGM) 2021

Dear respected MSNT members,

Notice is now given that the 32nd AGM of the Malaysian Society for Non-Destructive Testing (MSNT) scheduled to be held at the Bangi Resort Hotel, Bangi, Selangor, on Wednesday, 23rd June 2021, is postponed to October 2021.

All members will be notified 30 days and again 14 days before the new date is confirmed. There will be no election in this AGM. Any new motions for discussion & proposals for amendment of the MSNT Constitution will no longer be accepted.

Sorry for any inconvenience caused.

MSNT is an ILB for



MSNT is a member of



Wish to be an MSNT member?

Register here...

<https://member.msnt.org.my/register>



*Do you know that MSNT was established
in 21st December 1989?*





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*postponed from
7th and 8th
December 2021 to
16th and 17th
August 2022*

Malaysia International NDT Conference and Exhibition

The 6th Malaysia International NDT Conference and Exhibition (6th MINDTCE) steering committee would like to inform all speakers, sponsors, exhibitors, and interested parties that this event is postponed from 7th and 8th December 2021 to 16th and 17th August 2022. The postponement is due to the current coronavirus (COVID-19) outbreak and World Health Organization (WHO) decision on 11th March 2020 to declare this outbreak as a pandemic. However, the event venue, available and reserved booth arrangements remain the same.

The 6th MINDTCE steering committee monitors all developments related to COVID-19 and follows advice provided by the Malaysian Ministry of Health (MOH) and the Malaysian National Security Council (MKN). The 6th MINDTCE steering committee appreciates your utmost support, kind understanding and patience on this unprecedented pandemic.





SUNWAY PYRAMID CONVENTION CENTRE (SPCC) 16TH - 17TH AUGUST 2022

Welcome to the Malaysia International Non-Destructive Testing Conference and Exhibition 2022 (6th MINDTCE). This conference is a part of the Malaysia Society for Non-Destructive Testing (MSNT) initiative to provide a suitable platform for members of Non-Destructive Testing (NDT) community from all over the world together and share their latest invention, promote their latest inspection tools, present their research findings, and discuss issues and problems on matters related to the development of NDT Technology.

Engineers, scientists, technologists, supervisors, practitioners, endusers, managers, lecturers, and trainers having direct involvement in NDT technology are invited to attend this conference. The conference highlights a wide range of issues that have direct effect to the effectiveness of the technology in revealing imperfections in engineering structure, system and installation. Therefore, we like to invite NDT experts from all over the World to submit their papers for this conference. In order to maximise the benefit of the knowledge contained in the papers, suitably presented papers will be published in a prestigious IOP Conference Series, a Scopus Indexed journal.

IMPORTANT DATES

Deadline for Abstract Submission: 19th March 2022

Notification for Acceptance: 9th April 2022

Deadline for Final Paper Submission: 4th June 2022

TOPIC OF INTEREST

- ♦ New and Advanced NDT Methods, Equipment and System
- ♦ Digital and Imaging NDT Technologies
- ♦ Industrial NDT Applications
- ♦ Safety and Security of Industrial Radiography Sources
- ♦ NDT for non-metallic materials
- ♦ NDT Education, Training and Certification
- ♦ Research and Development on NDT
- ♦ Other Areas Related to NDT

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