



MSNT E-Newsletter

Notice

MSNT 26th ANNUAL GENERAL MEETING (2015)

Date: 22 April 2015
Time: 0900-1300

Venue: Nilai Spring
Resort Hotel, Negeri
Sembilan

All Members Are
Invited



Welcome to mindtce'15

This is the most important event in Malaysian NDT calendar. It is to be officiated by one of the Petronas Senior General Manager as a symbol of their support to our effort in promoting the role of NDT in our industries. You have to be a part of this event. End users are searching for new NDT technologies that will help to improve their productivity and safety. Share your research findings, new equipment, system and technologies. VISIT <http://www.msnt.org.my/> or www.ndt.net/mindtce-15 for submission of your abstracts and papers.

Research Collaboration in Advanced NDT Between LENDT Group And Xi'an Jiaotong University, China

The Leading Edge NDT Technology (LENTD) Group from the Malaysian Nuclear Malaysia has become the international collaborator in a National Natural Science Foundation of China (NSFC) research project. The project, led by Associate Professor Yong Li from Xi'an Jiaotong University, focuses on the application of pulse-modulation eddy current testing for inspection of critical components in nuclear power plants. Delegation of the project team members (Dr. Ilham Mukriz, Mr. Mohd Yusnisyam and Mr. Masrol Nizam) from the LENDT Group attended the project kick-off meeting at Xi'an Jiaotong University in March, during which the project activities were discussed and the responsibilities of each counterpart were outlined for the success implementation of the project. Such collaboration will benefit both countries in terms of knowledge transfer and sharing of expertise in the field of advanced NDT research.



Project members from LENDT Group who attended the NSFC project kick-off meeting at Xi'an Jiaotong University, China



Mr. Mohd Yusnisyam presented his work on eddy current thermography and laser shearography during the meeting

Visit to

Advanced NDT Facilities at the Malaysian Nuclear Agency

On 16th April 2015, a group of 14 students from the Fabrication and Joining Section of UniKL-Malaysia France Institute (UniKL-MFI) visited advanced NDT facilities at the Leading Edge NDT Technology (LENTD) Group, Malaysian Nuclear Agency. The objectives of the visit are to acquire information on the latest development on the state-of-the-art in NDT technology. It provides the opportunity to students to witness advanced NDT techniques and systems, and experience R&D activities currently conducted by the Group.



UniKL-MFI students and staffs from LENDT Group at the entrance of Advanced NDT – Radiation facility

Among the advanced NDT techniques and systems that were showcased and demonstrated are Digital Industrial Radiography (DIR), Laser Shearography, Pulsed Eddy Current (PEC) and Eddy Current Thermography. Interactive Q&A sessions during the visits also enabled the students to update and enhanced their knowledge on various technical aspects related to advanced NDT technology. The students were also exposed on the career pathways of a NDT practitioner and also informed on the training opportunities available in Malaysian Nuclear Agency.



UniKL-MFI students being briefed on flat panel detector by Dr Khairul Anuar

MS ISO 17024 Witness Audit by Department of Standard Malaysia

As part of maintaining the NDT Personnel Scheme accreditation with MS ISO 17024, Department of Standard Malaysia (DSM) has carried out a witnessing on-site personnel certification activity at Ruane-TATI, Kijal, Terengganu. The activity was carried out during an Industrial Radiography Testing examination (theory and practical) for 3 days from 16 Mac until 18 Mac 2015. The main scopes of the activity are to ensure the examination is conducted according to the latest procedures and guidelines, and to ensure the competency of the JPK's appointed-examination personnel at acceptable level in handling the examination.

The evaluating officer from DSM was satisfied with the way JPK handling the certification activity. From this activity, the evaluation team concluded that JPK's activities in maintaining certification of NDT personnel complies with the international standard.



Personnel involved in the evaluation activities from Standard Malaysia, JPK and TATI



Evaluator from Standard Malaysia witnessing candidate preparing for NDT examination

Review And Refine Ultrasonic Testing Examination Question

On 24-26 March 2015, there was a workshop on reviewing and refining ultrasonic testing examination questions (theory) at Hotel Bangi-Putrajaya. 11 experts in ultrasonic testing were invited to help JPK reviewing all 390 questions for Level 1 and Level 2.



Experts and staffs of the National Certification Body attended the workshop

The review and refine process includes rearrange questions structure by making it easier to understand, reviewing the level of difficulty for each questions and also recluster all the questions against Competency Unit (CU) according to National Occupational Skills Standard (NOSS).

By doing the process of review and refine question, we hope that examination questions will be more reliable, fair and valid for all candidates in the future.

Lecture on Safety and Security of Radiography Sources, 24th March 2015

The subject of safety and security of radiography sources have been discussed widely by members of radiography community in Malaysia. Recently, on 24th of March 2015 the MSNT President has been invited to deliver such a topics to a group of radiographers, radiographer end users, lecturers and researchers. The event took place at the Alami Garden Hotel Shah Alam and attended by about 30 participants



MSNT President presenting a lecture on the safety and security of radiography sources