



17th WCNDT held in Shanghai, China

17th WCNDT (World Conference on Non-Destructive Testing) was held on 25-28 October 2008. Approximately 500 papers on various field of NDT were presented.

General Meeting of ICNDT was also held with parallel to the WCNDT. Several important conclusions were made as follows;

- 1) Mr. Mike Farley from UK was elected as the new President of ICNDT and Mr. David Barnett, our Australian Coordinator, as the new Secretary. We congratulate Mr. Barnett on the new position of ICNDT Secretary.
- 2) The place for the 19th WCNDT in 2016 was decided as Munich, Germany. Also the delegations from KSNT (Korean Society for Non-Destructive Testing) expressed their wish to host the 20th WCNDT in 2020 in Seoul, Korea.
- 3) Delegation from South Africa reported on the progress of the next 18th WCNDT in 2012, Durban, South Africa.



Korean delegation at the Welcome Reception.



Opening ceremony of the 17th WCNDT.

News from RCA Countries

Australia

A trip to 17th WCNDT

It was great to get the opportunity to attend the 17th World Conference on NDT in this modern

city, with sky scrapers reaching high to the heavens, more so than any other city in the world. The conference itself was held in the Russian designed International Exhibition Centre on the famous Nanjing Road, with all its colourful shopping centres and high class boutiques.

After the opening ceremony, one of the most important events as far as the Australian delegation was concerned, was the signing of a Mutual Cooperation Agreement between the Australian Institute for NDT (AINDT) and the Chinese Society for NDT (ChSNDT). The agreement was signed by Professor Shen Jianzhong on behalf of ChSNDT and Shayne Flynn, President of AINDT, followed by the exchange of gifts including a traditional Aboriginal dot painting of a lyre bird from AINDT. This was very much appreciated by Professor CAI Anding, Vice-Chairman of the ChSNDT who had a son working and studying in Australia.

It was a credit to the Chinese Society that they put on such a marvelous conference with a wide cross-section of papers and the largest exhibition of any conference before it. The conference dinner was an extraordinary event with something like 2000 guest attending a night that allowed all participants to mingle and to make new friends anew. The concert on the following evening was another highlight with a mixture of Chinese music and a classical adaptation of some Western favorites. The one featuring a Neapolitan song from Italy had an emotional Giuseppe Nardoni

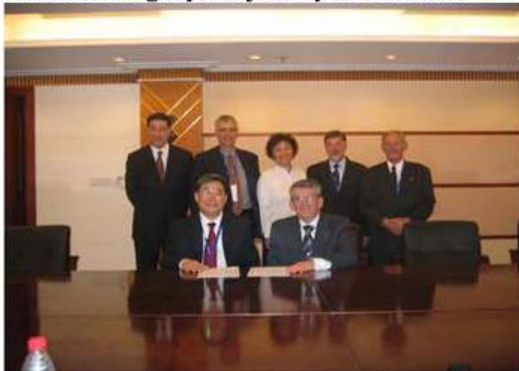
standing up to shake the hand of the resident conductor.

The main interest as far as members of the IAEA/RCA project was concerned was the ICNDT workshop on guidelines and recommendations for qualification and certification of NDT personnel according to ISO9712 and aligned standards. The objective of this workshop was to discuss an interim document on this subject prior to the document being published by ICNDT. After considerable debate on the subject it was agreed to make certain changes to the draft guidelines and publish on the ICNDT website in the near future. Being on the editorial committee the document will be finalised shortly so all project members should look for this valuable guide on qualification and certification as soon as it has been published on the ICNDT website.

One other issue of major importance that emerged from the workshop was that the Chair of ISO TC 135 committee, Professor Hatano of Japan, will be speaking to his counterpart on CEN 138, to discuss the possibility of aligning the two standards, ISO9712 and EN473, such that they have virtually the same requirements.

Finally, the ChSNDT were very proud to distribute the first translation of ISO9712:2005 into the Chinese language. This, as Ye Chen has often said, was one of the main barriers to China in its quest to achieve certification to ISO9712. Now the barrier has been lifted.

All too sadly, it did come to an end. Experimental to the last I did try the Maglev train and was pleasantly surprised by its comfort and speed. In something like 15 minutes I had travelled 75kms to Pudong International Airport at an average speed of 300km/hr. Then it was back to reality and an overnight plane journey to Australia.



Signing ceremony on the Mutual Cooperation Agreement between AINDT and ChSNDT.



Mr. Barnett in front of the Conference venue.

Visit to Australia by Salbiah Bt Hussein – Malaysia

Under the auspices of the IAEA scientific exchange program, Ms Salbiah Bt Hussein visited Australia from 18 – 21 November to visit facilities to get a better understanding of the way Australia's personnel certification scheme operates, and its interaction with companies that

have third-party laboratory accreditation systems to ISO17025.

Salbiah was a representative of the Malaysian Government's Department of Skills Development, which has a central role in the certification of personnel in Malaysia.

This turned out to be an excellent means of cooperation between Australia and Malaysia and the visit included visits to ANSTO, where Australia's only nuclear reactor is based; the main centre used for administration of certification in Sydney; and the NDT facilities at the largest integrated steel and iron works in the British Commonwealth, BlueScope Steel - Port Kembla. Apart from these visits the main purpose was to look at AINDT's quality management systems and how these interacted with the certification process. This was done in some detail and from this perspective it is hoped that Salbiah will return back to Malaysia with a positive view on the harmonisation of Malaysian Government's certification schemes to ISO17024.

If that is achieved then I am sure that Nasser will be a very happy man.

China

SGS NDT Training Centre and PCN Authorized Qualifying Body officially launched in Shanghai, China (July 2008)

Following a comprehensive and successful audit conducted by the Certification Services Division

of the British Institute of NDT (BINDT) against PCN CP9 criteria for Authorized Qualifying Bodies (AQB), on 14th July 2008, the SGS NDT Training & Examination Centre officially launched its services in Shanghai, China, and conducted its first ever NDT Training and PCN examinations.

SGS is able to conduct a range of PCN examinations in Shanghai and around the region, in both the English and Chinese language, as the market demands. Examinations are graded by PCN authorized SGS examiners, and an examination results notice is issued to the candidate and to BINDT. On receipt of a results notice confirming success in the examination(s) attempted, BINDT will issue a PCN certificate, valid for 5 years, directly to the candidate.

PCN certification is recognized and accepted globally, and the PCN Scheme, which is accredited by the United Kingdom Accreditation Service (UKAS certificate 030), offers both personnel and quality systems (ISO 9001:2000) certification. PCN certification of competence for Non-Destructive Testing and Condition Monitoring personnel is increasingly specified around the world. In fact, there are now PCN certificate holders living and working in over 56 countries worldwide, and PCN examinations are permanently or periodically available on five continents.

PCN certification offers a flexible reliable and cost-effective method for satisfying a number of European and international standards, as well as the European Pressure Equipment Directive (97/23/EC).

“The need for a high quality NDT service in China is growing at such a rapid pace that this new service offered by SGS is essential to create the much needed availability of PCN / EN 473 certified personnel in China. This vast market demands an improvement in the reputation, product quality and a more competitive edge in the international trade arena, thus these new services offered by SGS are essential for Chinese and International companies to manage the fuel growth of the economy.” Jason Scott, Director of SGS NDT Training & Examination Centre said. Jason has many years’ experience in the NDT industry and in particular, the PCN certification scheme.

The brand-new SGS NDT Training & Examination Centre facility is conveniently located close to the Shanghai International Pudong airport in the Kangqiao Industrial Zone, an area of around 700 m². Training and examinations are available on a continuous, first come, first served basis with an “initial” capacity of around 800 examinations per year. All courses

will be held in Shanghai, or at clients’ premises should it be specifically requested.

BINDT is an accredited Certification Body, complying with the criteria of ISO/IEC 17024 (General criteria for certification bodies operating certification of personnel), issuing certificates of competence and conformity under the PCN brand. Further information can be obtained direct from www.bindt.org or by E-mail: pcn@bindt.org

<This article is written by Mr. John Thompson, Director, British Institute of NDT>

Korea, Republic of:

KSNT Fall Conference held in Kyung Ju, Korea

Annual Conference of the KSNT (Korean Society for Non-destructive Testing) was held from 13-14 November 2008 in the Concord Hotel, Kyung Ju Korea. 24 oral papers and 15 posters on various NDT areas were presented. Two special talks on “Nuclear Energy in the Low Carbon Age” and “Status and Development of Diagnostics of Safety in Petrochemical Facilities” were presented and discussions followed.

Malaysia

Malaysian International NDT Conference and Exhibition 09 will held in 20-21 July 2009, Kuala Lumpur

Malaysian Society for NDT is going to organize a Malaysian International NDT Conference and Exhibition ‘09 (MINDTCE ‘09) on 20th and 21st July 2009. This conference will be held at the Legend Hotel Kuala Lumpur. The symposium organizing committee is currently inviting papers, posters, and equipment demonstrations from interested individuals and organizations. An abstract of approximately 400 words should be submitted in MS Word by e-mail before 30 January 2009.

IAEA/RCA Regional Training Course (RTC) on “Digital Industrial Radiography (DIR)”, 3-7 November 2008

Nuclear Malaysia is in the process of making appropriate arrangements for hosting the above course. Communication with the IAEA indicated that there will be a total 14 foreign participants and 3 local participants attending this course. The course will be conducted by a renowned expert in the field Prof. Dr. Uwe Ewert of BAM Germany, and assisted by a local expert Mr. Khairul Anuar Mohd Salleh. The course is designed in such a

manner that participants will acquire some theoretical and practical aspects of DIR. Aspects on a qualification and certification of personnel involved in the application of this technique will also be presented. The course will be officially opened by The Director General of Nuclear Malaysia, Datuk Dr. Daud Mohamad on 3rd November 08.



Some of the best digital radiography facilities are available at Nuclear Malaysia

Workshop on Bank Question at Nuclear Malaysia, 2nd-4th September 08

As a part of continuous efforts by the National Certification Body (Department of Skill Development, Ministry of Human Resource) to add more questions for national industrial radiography and ultrasonic examinations, another 3 days workshop was held at the Nuclear Malaysia. Through the workshop, hundreds more questions for level 1 and 2 radiography and ultrasonic examinations were prepared and endorsed by local experts. Similar workshops were previously held in Malacca and ESSET, Bangi.

Sri Lanka

Visual Testing (VT) Level 2 Training Programmes

Training Course on Visual Testing (VT) Level 2 was conducted by the Atomic Energy Authority from 20th to 31st October 2008. An IAEA expert Dr. Jong Po Lee (South Korea) assisted in conducting this programme. Mr Parag Nag—the

delegate from GE Sensing & Inspection Technologies, c/o Agfa India Pvt Ltd. delivered several lectures on some highly sophisticated optical instruments. 14 NDT personnel participated in this programme.

The objective of this programme was to enhance the application of NDT Visual Testing techniques in the Sri Lankan Industry by the development of well qualified manpower and hence to improve the quality of their products and to ensure the safety of the industry and human beings.

This training course has built-up an initial group of VT Level 2 qualified manpower in the country which will be the teaching crew for future training courses.



Dr. Jong Po Lee (from Korea) with VT2 course Participants.

Tentative Schedule of IAEA/RCA/NDT Meetings

20-24 April 2009, RAS/8/110 Final Progress Review Meeting/Planning Meeting of New Project (Indonesia)

1-5 June 2009, Expert Meeting for production of training modules and resource materials on DIR and CT for Regional and National use (site to be decided)

2-6 November 2009, RTC on DIR applications for Specific Industries (Yokohama, Japan(?)) (one week before APCNDT)

This newsletter is edited by Mr. Yong-Moo Cheong from Korea and information on this newsletter can be obtained from ymcheong@kaeri.re.kr

