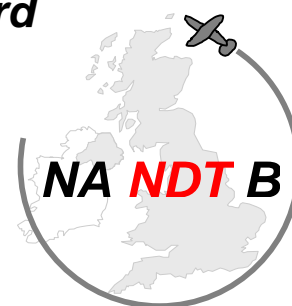


21st Meeting UK National Aerospace **NDT** Board

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CONFIRMED MINUTES OF THE 21ST MEETING OF THE UK NATIONAL AEROSPACE NDT BOARD

Meeting Date: Wednesday 19th August 2009

Location: SWS of NDT, Pentwyn, Cardiff

The meeting was opened at 09:00 by Mr. Jon Biddulph, the Chairman of the Board. Mr. Colin Thomas welcomed those present on behalf of SWS of NDT.

1. Confirmation of the agenda. The agenda was confirmed with the addition of item 14.
2. Attendance & apologies for absence
 - a. The meeting was attended by Messrs. J Biddulph (Chairman, Rolls Royce), E McIlroy (Bombardier), T Hiscox (Airbus UK), K Phillips (Airbus), G McCully (Outside Agencies, Co-opted), T Blacklay (CAA – Co-opted), R Hogarth (BA), C Dootson (BAE Systems), C Thomas (Messier Dowty and UK TEG), and A Lambie (Secretary, BINDT, Co-opted).
 - b. Apologies were recorded for Messrs. P Berkeley (Augusta Westland), B Scott (Bombardier), S Gane (Honeywell), C Lawrence (CAA – Co-opted), B Rossiter and B Murrell (Messier Dowty),
3. Notes of the last meeting
 - a. The minutes from the previous meeting were confirmed by the members present at this meeting. The minutes (distributed earlier) were authorised for upload to the Board's web pages as [Confirmed Minutes](#).

ACTIONS ALLOCATED AT THE 20TH MEETING OF THE UK NANADTB

Ref	Agreed action	Assignment	Remarks
2008/36	Review and propose additions and/or indicate support for approval of the method/technique training matrix.	AWL All Members	Action carried forward responses to AWL requested by 2009-07-17 Collated and presented at 21st Meeting . New action on AWL 2009/10
2008/40	(2) Following receipt, the Secretary to incorporate necessary changes to papers or to remove and replace questions before issuing the papers for use (3) Distribute aerospace specific examination papers across all methods, as indicated in Annex B.	See Annex B	Level 2 returned by 2009-06-30 Still Awaiting 2 papers Level 3 Papers for review 2009-06-16 Forward to members by email for review
2008/44	Communicate to Outside Agencies and the UK TEG the opportunity to propose an acceptable alternative to NANDTB/16.	GMcC, DG	Circulate to OA's by 2009-06-30 Present for approval at next meeting Discussed at 7 a.

2008/45	Draft communiqué on BINDT accreditation of training and examinations administered by internal qualifying agencies to CAA Surveyors, and pass draft for comment to JB and AWL.	CL JB and AWL	Action carried forward with response requested by 2009-06-30 No response new action on CL
2009/03	Liaise with the Chairman to agree which of the AQB and OA assessments during 2009 would be subject to overview by members of the Board	AWL	T.Hiscox SWS School Cardiff OA to be confirmed by 2009-06-30 JB LITC 2009-10-14 Completed
2009/04	Qualifying agencies to be reminded of the deadline for implementation of prEN 4179:2008 / AIA-NAS-410:2008 in all written practices where the qualification examinations were under the effective control of the UK NANDTB.	AWL/GMcC	Completed 2009-05-27
2009/06	redraft ANDTBF strategic plan, re-emphasising the importance of the previously agreed objectives to involve EASA in meetings and to continue to put pressure on EASA to revise regulations parts 21 and 145 with a view to integration	JB/JRT	2009-05-12 to the UK NANDTB 2009-06-23 to the ANDTBF Completed
2009/07	The initial review of NANDTB/12 was carried by TH and AWL.	AWL	AWL circulate to CL, TB and Chairman for comment. 2009-06-10 Then distribute final draft to all members. Sent with minutes 2009-07-27 No comments. Issue
2009/08	Contact Institute of Optometry for eyesight acuity test equivalencies.	AWL	Institute of Optometry contacted 2009-05-22 awaiting reply 2009-06-30, See 3 d.
2009/09	NANDTB log prominence on BINDT website	AWL	2009-06-30 With David Gilbert BINDT Ongoing

- b. Concerning Action **2008/36**: The method technique matrix was discussed at great length and the board began to amend the document during the meeting. Colin Thomas suggested that it would take a long time to review the matrix and suggested that a sub group be put together to review this and report the final document at the next meeting. The following members volunteered to be part of the sub group:
Colin Thomas
Graham McCully
Trevor Hiscox (Chair)

Action 2008/36 on AWL send matrix to working group members
Action 2009/10 on TH , to present reviewed technique matrix at next meeting

- c. Concerning Action **2008/40**: 4 Level 2 papers returned (2 outstanding) to AL at meeting. AL explained that question database was in need of review. CT suggested that aero approved AQB's be involved in process to review questions. Level 3 papers to be distributed by email to members for review.

Action on AWL contact AQB's and distribute papers to members for review

- d. Concerning Action **2009/08**: AL had contacted the Institute of Optometry but had no response, Eyesight requirements in prEN4179:2008 now requires eyesight acuity of Snellen 20/25 at 16".CT agreed to write an advisory note on visual acuity on behalf of the board as at the moment auditors are questioning what the equivalency is for visual acuity.

Action on CT 2009/11 to draft an advisory note

4. Membership

- a. The following members were retiring from the Board:

Roger Hogarth, Eric McIlroy and John Hewitt

Roger Hogarth reported that Clive Worrall would be his replacement, BA would write to inform the board. RH requested that Clive represent NANDTB at the BINDT CMC committee in the future. The board agreed.

Eric McIlroy reported that Bombardier would not be nominating a replacement

John Hewitt retired from the board and there were 2 members from Airbus on the board.

5. NANDTB documents due review within next 6 month period

- a. NANDTB 12 - covered at 6 b.

6. Documents for discussion/approval

- a. NANDTB 12 – Had been circulated with the agenda, no comments. Document approved for issue and upload to website

Action 2009/17 on AL to distribute a copy to Outside Agencies and TEG

- b. NANDTB Advisory 01 (Open Book Specific Examinations) had been circulated with agenda no comments. Document approved for issue and upload to the website.

7. Programme for implementation of PCN Aero – Delayed until 01st September due to question papers not being ready (late return of papers from board members) on time and the issue of the question d/base was raised by AL- CT suggested that the AQB's should be available to assist in populating the d/base.

8. Review and approval of PCN examination papers in accordance with NANDTB/13 and NANDTB/13B procedure.

- a. Level 3 Specific papers for review, comment and amendment if necessary, this was covered at 3 c.

9. Control of Qualifying Agencies

- a. PCN: AQB Audit Programme – programme shown to Board members

- b. Other: OA Audit Programme and reports

I) Caparo Testing, Reigate (Material Measurements Ltd)

II) NDT Consultants, Coventry

Audit reports read to the board (CT & GMc left the meeting)

JB would like to see root cause analysis added to the DR forms used for reporting.

Action 2009/12 on AL review CP 14

10. Outside Agency Questions and Interpretations

- a. NANDTB 17 enquiry from Sharp End Testing

All the issues addressed in the letter were discussed by the board and JB agreed to respond to Sharp End Testing's enquiry by letter.

Action 2009/13 on JB to respond to enquiry from Sharp End Testing.

b. NANDTB 16 Standardised certificate (Gmc update)

CT – Suggested a certificate similar to a PCN results notice.

Approval certificate not really required the essential information that companies request is the notice of results.

KP – There should be a standard format results notice.

Action 2009/14 on Gmc generate a standard certificate similar to PCN results notice and circulate to NANDTB members..

c. Real Time/Digital X-ray system approval. Issue closed by KP as he was satisfied with the feedback he had received.

d. Employer based training departments training accreditation, CT asked if an advisory paragraph in GR 23 could be made to reinforce this, as it is currently implicit, not explicit.

This issue has been raised previously by CT and TB will clarify.

CT also raised the issue that Outside Agencies need to be accredited but do Inside Agencies?

AL replied that they do, and was asked to provide a list of Inside and Outside Agencies to CT and the accreditation process for Inside and Outside agencies.

11. Level 2 to Level 3 training hours requirements EN4179. RH raised the issue and the reply from the board was that none are mandated at the moment only in EN 473 which mandates 80 Hours.

12. Report from ANDTBF JB reported back to board on the last meeting in Berlin 2009-06-23:

The Vice –Chairman originally voted on by the German NANTB was no longer a member of their board so Rudolf Heinrich was voted on to the Board.

JB had presented the vision and strategy paper and it had been agreed.

There had previously been complaints about EASA's non attendance at meetings there were 3 members from EASA present at the meeting.

JB reported that Pt 145 will be replaced in 2010.

The Board had debated about PRI pushing new initiatives, setting up NDT training in France (pilot scheme run together with TWI)

The Italian representative raised a discussion about NDT certified personnel being able to sign off form 1's. TB commented that the Italians were being picked up by EASA as they issue a license written up against this.

a. ANDTBF Member survey (AL) collated figures that were sent to ANDTBF were presented to the board.

13. AOB

a. Qualification process for whole aircraft inspection (RH)

The question was raised as this authority was given by an OA, KP stated the only way he could see this happening was if the authority was for generic methods.

b. NANDTB Portugal, and outside EU states. Query to board from Steve Lavender_ A small group are trying to get an aerospace committee started in Portugal in order to be recognised within the EU. JB would pass on the details of Sergio Nascimento to SL.

Action 2009/15 on JB to respond to SL with contact details.

c. prEn4179:2008 Training hours CD asked the board if there was a need to standardise the training hours against the syllabi , discussion ensued and CT to draft an advisory.

Action 2009/16 on CT Draft an advisory for training hours against the syllabi

14. The date(s) and location(s) of the 22nd meeting of the UK NANDTB was noted as being:
- a. 11th November, Airbus, Filton (note change of location)
 - b. Dates and locations for meetings in 2010 will be confirmed at next meeting:
 - 2010-02-
 - 2010-05-
 - 2010-08-
 - 2010-11-

15. There being no other business, the Chairman thanked Colin Thomas of SWS of NDT for the excellent facilities and refreshments provided. Thanks to be conveyed to Michelle.
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ANNEX A: ACTIONS ALLOCATED AT THE 21ST MEETING OF THE UK NANADTB

Ref	Agreed action	Assignment	Remarks
2008/36	Technique matrix to be sent to working group members	AL	Sent electronically 2009-08-20 Completed
2008/40	(2) Following receipt, the Secretary to incorporate necessary changes to papers or to remove and replace questions before issuing the papers for use (3) Distribute aerospace specific examination papers across all methods, as indicated in Annex B.	See Annex B	Level 2 returned by 2009-06-30 Still Awaiting 2 papers Level 3 Papers for review 2009-06-16 Forward to members by email for review
2008/44	Communicate to Outside Agencies and the UK TEG the opportunity to propose an acceptable alternative to NANDTB/16.	GMcC, DG	Circulate to OA's by 2009-06-30 Present for approval at next meeting GMc awaiting feedback new action on G Mc
2008/45	Draft communiqué on BINDT accreditation of training and examinations administered by internal qualifying agencies to CAA Surveyors, and pass draft for comment to JB and AWL.	CL JB and AWL	Action carried forward with response requested by 2009-06-30 No response new action on CL
2009/10	Working group to review and propose additions to the training matrix.	TH, CT & G Mc	Present at next meeting Matrix sent to members 20 Aug 09
2009/11	Advisory for Eyesight visual acuity	CT	Submitted to members electronically. Issued 2009-10-08
2009/12	Review CP 14	AL	Discuss at next meeting.
2009/13	NANDTB 17 enquiry from Sharp End Testing, JB to respond	JB	JB responded 2009-10-29. Complete
2009/14	Generate standard certificate template, circulate to members.	GMc	Discuss at next meeting
2009/15	Contact details for Sergio Nascimento reference Portuguese NANDTB to Steve Lavender	JB	Completed
2009/16	Draft advisory for training hours against syllabi.	CT	Ongoing
2009/17	Distribute a copy of NANDTB 12 to Outside agencies and TEG	AL	Sent electronically 2009-08-20 Completed