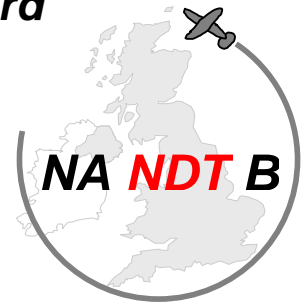


# 22<sup>nd</sup> Meeting UK National Aerospace **NDT** Board



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## CONFIRMED MINUTES OF THE 22<sup>nd</sup> MEETING OF THE UK NATIONAL AEROSPACE NDT BOARD

Meeting Date: Wednesday 11<sup>th</sup> November 2009

Location: Airbus UK, Filton

The meeting was opened at 09:30 by Mr. Jon Biddulph, the Chairman of the Board who thanked Keith Phillips and Airbus for hosting the meeting.

1. Confirmation of the agenda. The agenda was confirmed with the addition of items 12 A & B.
2. Attendance & apologies for absence
  - a. The meeting was attended by Messrs. J Biddulph (Chairman, Rolls Royce), K Phillips (Airbus), G McCully (Outside Agencies, Co-opted), T Blacklay (CAA – Co-opted), C Dootson (BAE Systems), C Thomas (Messier Dowty), P Berkeley (Augusta Westland), B Scott (Bombardier), S Gane (Honeywell), D Griffin (UK TEG) and A Lambie (Secretary, BINDT, Co-opted).
  - b. Apologies were recorded for Messrs. C Lawrence (CAA – Co-opted), T Hiscox (Airbus UK), B Rossiter and B Murrell (Messier Dowty),
3. Notes of the last meeting
  - a. TB pointed out that the previous minutes contained 2 Action 2009/12's AL amended the previous minutes Action 2009/17 added. The minutes from the previous meeting were then confirmed by the members present at this meeting. The amended minutes were authorised for upload to the Board's web pages as Confirmed Minutes.

### ACTIONS ALLOCATED AT THE 21<sup>st</sup> 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 Papers received at meeting closed. Level 3 Papers for review 2009-06-16 Forward to members by email for review. New Action 2009/18
2008/44	Communicate to Outside Agencies and the UK TEG the opportunity to propose an acceptable alternative to NANADTB/16.	GMcC, DG	Circulate to OA's by 2009-06-30 Present for approval at next meeting GMc awaiting feedback new action on Sub Group New Action 2009/20

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 <b>No response new action on CL &amp; TB 2008/45</b>
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	<b>Submitted to members electronically. Issued 2009-10-08</b>
2009/12	Review CP 14	AL	<b>Discuss at next meeting. New Action 2009/23</b>
2009/13	NANDTB 17 enquiry from Sharp End Testing, JB to respond	JB	<b>JB responded 2009-10-29. Complete</b>
2009/14	Generate standard certificate template, circulate to members.	GMc	<b>Discuss at next meeting</b>
2009/15	Contact details for Sergio Nascimento reference Portuguese NANDTB to Steve Lavender	JB	<b>Complete</b>
2009/16	Draft advisory for training hours against syllabi.	CT	<b>Carried forward to 2009/26</b>
2009/17	Distribute a copy of NANDTB 12 to Outside agencies and TEG	AL	<b>Sent electronically 2009-08-20 Completed</b>

Concerning Action **2008/40**: 2 Level 2 papers returned to AL by PB ,his general comment was that some of the questions were not Aerospace Specific questions. As part of the Boards responsibility to review PCN/AERO exam papers, members of the Board again expressed concern that the specific exam questions were not specific enough. New level 2 and level 3 specific exam papers being written, which are close to completion would be reviewed by the Board prior to release. If the situation remains the same the Board will take further action.

b. . JB asked for volunteers to validate the papers. The Volunteers were as follows:

MT - SG, BS  
UT - JB, KP  
PT - SG, KP  
RT - CD, PB  
ET - PB, CD

**Action 2009/18 AL to distribute question papers to above members electronically, members to review papers and forward any comments to AL**

#### 4. Membership

- a. Amend NANDTB 03 that members of the board should retire after 5 years (currently 2) but shall be eligible for re-nomination.
- b. Amend NANDTB 03 that nominations or changes to board membership can be reported verbally during a meeting and documented in the minutes.

**Action 2009/27 AL to amend NANDTB 03.**

#### 5. NANDTB documents due review within next 6 month period

- a. NANDTB 13.
- b. NANDTB 14.
- c. NANDTB 16

**Action 2009/19 on all members review documents before next meeting and comment at next meeting.**

6. Documents for discussion/approval

a. NANDTB 16 – Acceptable alternative.

A request was received from TEG to shelve the idea of standardised training and qualification certificates and permit the use of the Board's logo on BINDT OA approval certificates. The Board remains keen to achieve the goal of standardised training and qualification certificates and is willing to revise NANDTB/16 in order to facilitate. A sub group was set up to draft a proposal. The Board was also agreeable to the Board's logo being included on BINDT OA approval certificates with scope of approval included going forward.

**Action 2009/20 on NANDTB 16 Sub Group review NANDTB 16 with recommendations to Board by 11<sup>th</sup> January 2010.**

b. NANDTB Advisory 02 – Vision requirement issues , pr EN4179(EditionP42008)

A presentation prepared by Andy Bakewell and given to NDT SIG concerning eyesight testing was shared with the Board and accepted as a thorough and detailed piece of work. The Board recognises the situation regards eyesight testing per EN4179 remains confusing and agreed to the formation of a sub group (including A Bakewell) to propose a global way forward.

**Action 2009/21 Eyesight working group TB,DG, JB and Andy Bakewell, report at next meeting**

7. Method/Technique Matrix sub group reported to Board.

A NDT method/technique training matrix was reviewed, which identifies the level of training and qualification required for a range of NDT techniques and technologies outside the major NDT methods covered by EN4179. The driver for this has been an assist to CAA Surveyors to recognize that the use of NDT technologies does not always require full EN4179 compliance. An explanatory introduction is to be added prior to uploading to the webpage.

**Action 2009/22 CT to write an explanatory introduction.**

8. Control of Qualifying Agencies

- a. PCN: AQB Audit Programme – programme shown to Board members  
NANDTB Observer AIT January 2010 JB  
Discuss at next meeting
- b. Other: OA Audit Programme and reports
  - I) SWS of NDT, Cardiff
  - II) LITC, Penistone

Audit reports read to the board (CT, DG & GMc left the meeting as the audits were read to the board)

- c. CP 14 discussed and issue of root cause analysis being added to this document.

**Action 2009/23 AL to take this to CMC amend CP 14 as necessary**

9. Outside Agency Questions and Interpretations

- a. NANDTB 16 Standardised certificate , see item 6 a.
- b. Consideration of attaching UK NANDTB Logo to the BINDT accreditation certificate for OA's ( CT from TEG).see item 6 a.

10. ANDTBF

The next ANDTBF will be held at Basel Airport, Switzerland on 8<sup>th</sup> December 2009. The UK NANDTB had received a question from ANDTBF ascertaining if the UK Board acted on behalf of any other Member States or countries. The answer was assumed to be No, however it became apparent that countries using PCN/AERO certification assumed that they were automatically under the control of the UK NANDTB. The Board did not accept this as it was doing so unknowingly. Any country (or organisation) wishing to use the UK NANDTB had to request so in writing.

**Action 2009/28 On GMc Advisory to be written**

11. Report from TEG (CT).

- a. Consideration of attaching UK NANDTB Logo to the BINDT accreditation certificate for OA's , see item 6 a.

12. AOB

- a. Status and issues with GR 23 (TB)  
TB gave a brief on history on the development of GR 23the Board requested the CAA agree to the formation of a sub group to assist TB produce a new issue of GR23. This was agreed.

**Action 2009/24 Sub Group to develop a new GR 23 then forward to TB .JB, GMc & CT to meet at Derby JB Chair**

- b. Composites advisory.The UK NANDTB generated document addressing Composites, NDT methods/techniques, training and approval requirements had not been formally issued pending agreement from all Board members. This is to be re-circulated to members for approval and upload to the Board's webpage.

**Action 2009/25 AL to circulate and collate comments, then issue to web**

- c. Concern was expressed by several Board members on the EN4179 requirement for time spent on each subject area within training outlines to be documented, typically by specifying minimum times required within the training outlines. The Board considers this to be restricted practice and expects all subject areas to be addressed with time spent on each subject left to the discretion of the relevant training organisation. The Board intends to issue an advisory on this subject to make its position clear.

**Action 2009/26 on JB to write advisory.**

13. The date(s) and location(s) of the 23<sup>rd</sup> meeting of the UK NANDTB was noted as being:

- a. 17<sup>th</sup> February, BINDT, Northampton
- b. Dates and locations for meetings in 2010 will be confirmed at next meeting:

2010-02-17	BINDT Northampton
2010-05-05	Bombardier, Belfast
2010-08-25	SWS of NDT Cardiff

14. There being no other business the meeting was closed at 15:15, the Chairman thanked Keith Phillip of Airbus UK Filton for the excellent facilities and refreshments provided.

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**ANNEX A: ACTIONS ALLOCATED AT THE 22<sup>nd</sup> MEETING OF THE UK NANADTB**

Ref	Agreed action	Assignment	Remarks
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 AL.	CL JB and AL	Present at next meeting. <b>Action on CL &amp; TB</b>
2009/14	Generate standard certificate template, circulate to members.	GMc	<b>Discuss at next meeting</b>
2009/18	Distribute Level 2 & 3 Specific papers to members for comment	AL + members listed at 3b	Papers to members by 2009-11-20 Comments to AL by 2009-12-19
2009/19	Review NANDTB 13, 14 & 16	All members	Before next NANDTB Meeting Any comments to be presented at next meeting.
2009/20	NANDTB 16 Sub Group to review document and present findings at next meeting.	CT, G Mc, DG	Circulate draft to all members by 2010-01-11
2009/21	Eyesight working group,	TB,DG, JB and Andy Bakewell	Report at next meeting
2009/22	Method/Technique Matrix, write an explanatory introduction.	CT	Complete
2009/23	CP 14 To include Root cause analysis, issue amended document if approved.	AL	AL to take to CMC, Discuss with Board
2009/24	Sub group to develop GR 23 and pass on to TB	TB .JB, GMc & CT	GR 23 Draft, present at next meeting
2009/25	Composites, NDT methods/techniques, training and approval requirements, circulate to members	AL	AL to collate comments and issue to website
2009/26	EN4179 requirement for time spent on each subject area within training outlines to be documented, board to issue an advisory.	JB	Present to board at next meeting.
2009/27	NANDTB 03 Amend	AL	Complete
2009/28	Advisory ref Use of NANDTB of Member states outside the EU	GMC	Present at next meeting