

UK National Aerospace **NDT** Board

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THE 68th MEETING OF THE UK NATIONAL AEROSPACE NDT BOARD

Meeting Date: Tuesday 17th September 2019
Time: 10.00am
Location: Airbus, Broughton

Minutes

NANDTB/2019/M3

1. Confirmation of the agenda (and any other business)

Added to Agenda in real time.

2. Attendance & apologies for absence (Annex A)

Round table introduction for the benefit of Chris Stevenson and Phil Ford.

Apologies from Alan Parsons, Chris Durrant, Gary Reay, Graham McCully, Jes Dugard, John Brand, Jon Biddulph and Rob Bright.

3. Notes of the 67th meeting (distributed earlier)

a. Confirmation

The minutes were amended in real time and will be uploaded to the website as confirmed minutes.

Action 22/2019 – TG to upload minutes from 67th meeting

b. Review of allocated actions

Ref	Actions brought forward	Remarks
27/2017	AMENDED WG to agree criteria to manage OA's consisting of MC, RB, JB, NC, NLB and PJB, with MC being the lead on this WG (NANDTB_12/OAQS11 checklist)	Update to be given in document review section – AP to deal with
24/2018	WG of MC/PB/GMcC and AW has been put together to review NANDTB_19	Update to be given in document review section
27/2018	OA/IA to create a dashboard to look at excessive number of NCRs/repeat NCRs and top NCR's for a specific year - to look at every meeting	PJB/AP to report back and it needs to be decided how this is going to be reported back to the Board
29/2018	TG to circulate the document with the minutes for approval at the next meeting	Nothing to circulate until September

30/2018	TG to upload the amended NANDTB_06	CLOSED
32/2018	WG consisting of KP/RB/JB to look at this for amendment – NANDTB_03	ONGOING – RB to go back on this WG
33/2018	WG consisting of KP/RB/JB to look at this for amendment – NANDTB_04	ONGOING – RB to go back on this WG
38/2018	CD to create a response of why it is felt that thermography should remain in the standard, information to be collated from the OA/IA group	CLOSED – as is remaining in the Standard – NC did look in to this and provided figures
01/2019	TG to upload minutes from 65 th meeting	CLOSED
02/2019	TG to upload NANDTB_16	CLOSED
03/2019	Watch how standard develops - 9712	CLOSED
04/2019	NC to capture ST and TT D1 rating	CLOSED – prEN has now been received
05/2019	KP to contact the Latvian Board	ONGOING
11/2019	JB will circulate NANDTB_10 draft	<p>N10 was voted on at the last minute, the Board accepted the changes and these were going to be circulated. NC stated that once the CAA have accepted this document it will be updated.</p> <p>PJB reported that PCN Aerospace has not yet been issued, a guidance leaflet was produced and also a notification in NDT News in December.</p> <p>From January 2020 PCN Aerospace will be changed.</p> <p>Action 23/2019 - AP to send NC the final version of this document.</p>
15/2019	WG to look at the document PJB, PB, AW, MC, KP and GMcC (NANDTB_19)	AGENDA ITEM
16/2019	PJB will take back to the Standards Committee, Holly Tyler is looking at this	The process has been started by Holly Tyler. Holly has now left and PJB will contact the new lady regarding keeping BINDT in the loop.
17/2019	KP will speak to Pratt & Witney regarding the audit that has been carried out at the overseas agency	
18/2019	KP to invite NADCAP to the next NANDTB	CLOSED
19/2019	PJB, AP, JD, GMcC, PH and David Penney from AIT look at the above specifications – dates to be looked at and SWS was suggested as a venue	CLOSED – PJB stated that it was also clarified for the purposes of the sample stock at AIT that 4179 samples can be used in PCN

		exams and vice versa. SW asked for clarification of this via email.
20/2019	BINDT PJB/AP to get this document ready for ratification at CMC 10/07 – PCN AERO	CLOSED
21/2019	KP to take equipment calibration to NADCAP task group	ONGOING

Other Matters

PJB to provide an update on the EMF requirements.

4. Membership

a. Review NANDTB_06

Clive Worrall to provide a nomination letter as expires in December.

Phil Ford added on as an Observer.

Action 24/2019 – TG to upload new document

5. UK NANDTB Document Review

a. NANDTB_02

WG to look at this consisting of KP, AW, NC (CAA)

Actions 25/2019 – WG as above to look at

b. NANDTB_03 – under review with WG – see 32/2018

c. NANDTB_04 – under review with WG - see 33/2018

d. NANDTB_18 – on hold - Need to wait until the final version of 4179 has been looked at (PRen) should be out in around March

e. NANDTB_19

This is the old composite, extra training/justification to help L3s progress their employees from non-composite materials to composite materials that already had certification. At the last meeting it was discussed that this was out of date and that composite should probably be replaced with any new material products/process/assembly/sub-assembly.

The document now has a new title Guidance for NDT Responsible L3s developing training and qualification requirements for inspection and materials, products, parts, assembly's or sub-assemblies.

A definitions section will be changed – a draft version should be available to be tabled in December.

f. NANDTB_23

WG to look at before December.

6. Qualifying Agencies

a. Auditor Oversight, review matrix

TG tabling the oversight matrix.

Andy Kular has done everything aside from his practice audits. Everything has been scheduled

in. He will do a report observation and then he will do an audit and be observed and then BINDT will provide a report. KP has stated that the Board do not want to observe him until he has done at least one on his own and then the Board will observe him as his final check.

7. Standard Review

a. prEN4179

The group going through the table provided by Chris Stevenson. Comments and suggestions were added to the table to go back to Chris.

The comments should be submitted tomorrow and hoping that mid-week commencing 23/09 the comments will be put on one sheet to go to the harmonisation group.

CS also stated they are looking for someone else who may be interested in sitting on the WG. CS did state that an OEM should be a convener for WG15 – any nominees to be sent to CS.

Actions 26/2019 – TG to send the completed table to CS

8. ANDTBF (JB)

a. ANDTBF_08 adherence by other boards

MC would like the support of the Board to attend the next meeting in conjunction with the representative of the Board.

SWS are finding that the Singaporean NANDTB are refusing to allow agencies not accredited by themselves to give training in Singapore. This is not in line with document 08 of the forum. They would like to try and get the Singaporean Board to comply with document 08.

There were no objections to SWS pushing the matter.

MC will also send NC an email with the issues SWS are experiencing and he will see if there is anything he can do.

NC did not think that Singaporean Board were given the full support of EASA as of yet.

MC will write to NC in the first instance to respond on behalf of the CAA and if SWS need to attend with Jon B at the next meeting to raise this question of membership of the federation, if they are not adhering to the rules.

NC did state that the SWS can be used, however have been informed by members of the Board that they cannot be used.

Actions 27/2019 – MC to send NC an email with the issues that SWS are experiencing

Actions 28/2019 – KP will email Helmuth Hoeller regarding SWS attending the next meeting

b. ANDTBF_14 & NADCAP AC7114-11 harmonisation

The Boards were asked to self audit, not all of the have done this yet, anybody who had not will lose their voting rights and become Observer status only.

PF has requested sitting on the NANDTB and has requested to sit on the ANDTBF to ensure that document 14 remains the same. The reason is that the NADCP AC7114-11 is based and written around document 14. Everything that the NDT task group have agreed to is based around that document and PF is worried that if 14 now changes slightly/dramatically, the task group could state that changes are not agreeable and this is to keep the two document harmonised.

Accredited countries :-

UK – 3 years

France – 3 years

Germany – 3 years

Italy – granted 1 year waiver like the UK/French boards received

China – looking at gaining this

Japan – looking at gaining this

There has been contact with some of the other Boards Romania/Turkey and Australia, this is based on 14 and AC7114-11 remaining identical.

Request to be put through by the UK NANDTB for Phil Ford to sit on the ANDTBF Board in the interest of harmonisation.

AW asked if the 08 document was needed now that there is the AC7114-11 document and KP did state that he did not think that the Forum would like to leave this in the hands of USA.

Actions 29/2019 – KP to put a request through to Helmuth Hoeller for Phil Ford to become a observer of the Forum

9. Part 145 Orgs and SIG's – Input (GMcC)

GMcC has not sent anything through.

10. Regulators Update – (NC)

EASA have been quiet on the issue, however the CAA have approached EASA asking for whatever the event that would EASA continue to recognise the UK Board. They have stated that because the Board is accredited and is aligned with ANDTBF_08, they are intermating that they would recognise the UK Board. They have not however stated this fully. The UK CAA are talking with EASA and they are wanting to create a working arrangement. There was a meeting last week and one of the things that was going to be put forward for the working agreement is mutual and mutual recognition of the UK Board and what is in place.

There are discussions at the moment and the UK Board have been accredited and they are a member of the European Forum and it will be accepted.

In the event of a deal EASA have stated that there will be a two-year transition where nothing will change. The working arrangement is designed for a no deal scenario.

There are bilaterals in agreement between various parties for mutual acceptance.

NC had not yet received any feedback from the meeting.

11. OA/IA Group (MC)

CP08 – that most agencies work to is to be approved at the next CMC.

Awaiting to hear regarding Brexit.

12. Funding for the PRI AC7114/11 audit of the UK NANDTB (KP)

Waiting for Safran and BAE Systems.

13. Any other business

a. EMF

PJB giving his presentation regarding this.

Hugo Bibby and Richard Findlay (Microtech) have agreed for anybody who wishes to take their yokes down to then to carry out testing on these, to show you how much the equipment you are using exceeds the action levels. This will not be free and there will be no report produced but it is to help people get an indication.

Actions 30/2019 – PJB to send out the contact information for if anybody wants their equipment tested

14. Date and location of the next meeting

10 December - SWS, Cardiff

Actions allocated and carried over from meeting 68th Meeting

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22/2018	A WG to look at NANDTB_12/OAQS 11 checklist has been formed to review both documents together – WG of KP, MC, GL and PJB.	Joined with 27/2017
24/2018	WG of MC/PB/GMcC and AW has been put together to review NANDTB_19	Update to be given in document review section
27/2018	OA/IA to create a dashboard to look at excessive number of NCRs/repeat NCRs and top NCR's for a specific year - to look at every meeting	Full report of dashboard outcome by September
29/2018	TG to circulate the document with the minutes for approval at the next meeting	Nothing to circulate until September
32/2018	WG consisting of KP/RB/JP to look at this for amendment – NANDTB_03	ONGOING – RB to go back on this WG
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20/2019	BINDT PJB/AP to get this document ready for ratification at CMC 10/07 – PCN AERO	CLOSED
21/2019	KP to take equipment calibration to NADCAP task group	ONGOING

22/2019	TG to upload minutes from 67 th meeting	
23/2019	AP to send NC the final version of this document.	
24/2019	TG to upload new document	
25/2019	WG as above to look at	
26/2019	TG to send the completed table to CS	
27/2019	MC to send NC an email with the issues that SWS are experiencing	
28/2019	KP will email Helmuth Hoeller regarding SWS attending the next meeting	
29/2019	KP to put a request through to Helmuth Hoeller for Phil Ford to become an observer of the Forum	
30/2019	PJB to send out the contact information for if anybody wants their equipment tested	

Annex A – attendance and apologies for absence at the 26 February 2019 NANDTB meeting no. 68

Name (member unless stated otherwise)	Representing	In attendance	Apologies for absence
Alan Parsons	BINDT		✓
Alun Williams (Vice Chair)	Airbus UK	✓	
Chris Durrant	Safran Landing Systems Ltd		✓
Clive Worrall	British Airways	✓	
Gary Reay	Leonardo Helicopters		✓
Graham McCully (Co-opted)	Pt. 145 Orgs and SIG members		✓
Graham Mcleod	Honeywell	✓	
Guy Lawton	MoD	✓	
Jes Dugard	MoD		✓
John Brand	Safran Landing Systems Ltd		✓
Jon Biddulph	Rolls Royce		✓
Kevin Pickup (Chair)	BAE Systems	✓	
Michelle Clapham (Co-opted)	Co Chair – OA/IA Group	✓	
Patrick Boulton (Voting member)	BINDT	✓	
Paul Harris	British Airways	✓	
Phil Byram	BAE Systems	✓	
Ralph Duff	Bombardier	✓	
Rob Bright	Flybe		✓
(Robert) Neal Cuddy (Observer)	CAA replacing TB	✓	
Simon Wright	Co Chair – OA/IA Group	✓	
Steven Arrowsmith (Observer)	MAA	✓	
Tracy Grant (Secretary)	BINDT	✓	
	Totals	16	8

Chris Stevenson
Phil Ford