



NANDTB BOARD MEETING
Thursday 22nd March 2024
10:00 to 15:00hrs
South Sydney Graphic Arts Club
Meeting Minutes

Venue	South Sydney Graphic Arts Club (182 Coward Street, Mascot)
Chair	Rodd Smith
Secretary	Frank Simmer
Attendees	Rodd Smith (RS), Ron Quirk (RQ), Steve Swift (SS), Frank Simmer (FS), Garry Bowden (GJB), Scott Newcombe (SNe)
Guests	David Punshon (DP- CASA), Jonathan Anderson (JA- DASA), Darryn Boshier (NZ ANDT), Alisa Hewling (TCS NDT), Roger Lumley (AW Bell)
Apologies	Shane Norman (SNo), Shane Wilson (SW), Jason Maitland (JM), Geoffrey Britton (GB)
Zoom Attendees	Ron Quirk, Jonathan Anderson

Time		AGENDA ITEM	Assign	Action	Status
10:00	1	Welcome of Guests – apologies	RS	10:10am start	
	1a	Introduction of Guests	RS	Darryn Boshier (NZ ANDT), Alisa Hewling (TCS NDT), Roger Lumley (AW Bell)	
	2	Meeting Protocol (phones off; respect one another)	RS		
	3	Adopt Agenda	RS	GJB	
	4	Disclosure of Interest	All		
	5	Accept previous minutes 02/11/2023	RS	published on website GJB	

	6	General Business and actions from previous minutes			
	6.1	Procedures Review	RS	<p>NA-025 improvement. Develop Checklist for document review to reduce risk of errors. Draft FPI procedures assessment check list is included in the info pack.</p> <p>General discussion on the boards exposure when making recommendations or offering advice when procedures are offered for the Board to consider. Importantly the Board has no authority to issue ICA's, however, if CASA is using a Board endorsement to issue an ICA (AMOC etc.) then the Board's advice is directly being used to inspect safety critical hardware, hence as a SME, could be directly exposed if due consideration was not conducted.</p> <p>21/03/2024 Considerable discussion again on this topic.</p> <p>SS: Question to ADF representatives Although the Board has no responsibility for military aviation, it has military observers and an interest. Therefore, although I accept the Board's rejection of MIL-HDBK-1823A for NA025 for civil aviation, I hope the Board is still interested in learning how the ADF uses MIL-HDBK-1823A. I am curious.</p> <p>Accordingly, I propose for the next agenda that we politely invite the ADF to brief us on the answers to these two questions:</p> <ol style="list-style-type: none"> 1. Does the Type Certification Basis (TCB) for any of the ADF's aircraft types include MIL-STD-1530D for structural integrity? 2. If so, how do the ADF's Level 3 inspectors participate in using MIL-HDBK- 	In work

				<p>1823A to determine inspection capability per MIL-STD-1530D, 5.4.3.1.2, 'NDI Methods', below:</p> <p>5.4.3.1.2 NDI methods.</p> <p>Results from structural analysis shall be used to identify the inspection methods required to detect anticipated damage. Selection of the inspection methods shall consider material geometry, accessibility, human factors, and the required detection capability. The inspection capability shall be determined using the guidance of MIL-HDBK-1823 and as approved by the NDI team described in 5.1.6.</p> <p>Although the ADF representative was not present, SS was in consultation during the week. The outcome is MIL-HDBK-1823 is not strictly followed by ADF in all situations, and NDT support dependent on Engineering advice.</p> <p>Questions from SS:</p> <ul style="list-style-type: none"> • Why do we want the 'current industry standard' to be only a 'solid basis of reference' and not incorporated (wholly or partially) by reference? • If the Board decides not to incorporate the 'current industry standard' by reference, should NA-25 help Board members, CASA and others by explaining and justifying our checklist's differences? <p>Action All: review PT standard within next week.</p> <p>The consensus from Board members is to develop a Checklist for each method as an aid for the procedure reviewer and the procedure author to include all aspects of the procedure so as the technique can be reliably reproduced by all users and is considerate of the quality controls as applicable to the process.</p> <p>Defect detectable sizes fall outside of the scope of the checklist, and are in the control of the cognizant engineering authority. The procedure should reference the purpose of the inspection and qualify defect sensitivity.</p>	
6.2	Board Membership	FS	2024- 2026 Board nominations.		In Work

				<p>Nominations are open for the next Board. Published on the Website Home page. Return nominations to secretary@NDTBoard.com including industry sector nomination and signed Board members agreement</p> <p>Action FS: Canvas design organisations for representation. Kevin Walker, AutoAvia, Qantas, etc. Refer CASA website 21M register, for suitable organisations</p>	
	7	Examinations report	GJB	<p>One company 4 methods, GJB would like to thank the exam reviewers</p>	Fixed agenda
	8	Correspondence	FS	<p>Website contacts; Ganeshwaran Subramaniam (TP aerospace)- re: Level 2 recognition, job opportunities and visa requirements for Australia Ben Mulholland (Overall Forge)- re: Searching for examination reference standards, in particular for inspecting wrought products. Abner Jeo Canales (AAG aero – Philippines)- re: ISO9712, NAS410 & EN4179 re training standard and equivalence.</p>	Fixed agenda
	9	Chairman’s report	RS	In Info pack	Fixed agenda
	10	Secretary/Financial Report	FS	In Info pack	Fixed agenda
	11	Website Report	FS	<p>Website statics contained in info pack Google Workspace account transferred from Datasearch to Google. Direct billing required</p> <p>SS: Is it still necessary to maintain a standards library? FS: This will be managed on a case by case situation. Standards are always able to be procured and, in accordance with the distribution licencing agreement, shared to members.</p>	Fixed agenda

	12	AINDT Report		Nil Action FS and Shane Norman: make contact AINDT and new MOU?	Fixed agenda
	13	CASA Report	DP	Funds available for a new Board Grant agreement 2024-2025. Details to be advised when available. New executive at CASA. CASA training brief schedule has been set See separate details in info pack	Fixed agenda
	14	ADF Report	GW	1 x course 32 weeks starts in April	Fixed Agenda
	15	European Forum Report	RQ	EF NDT AF next meeting 19-20 June, 2024 Still waiting on previous meeting minutes	Fixed Agenda
	16	Procedures review	RS	Send out NA-001/ 003/ 004 for next meeting	Fixed agenda
	17	Members development/ continuation training	All/ SS/SW	Action all: share communications on upcoming events and papers GJB ASNT connect participation MRO Australasia in November 2024 AINDT NSW industry night in Newcastle	Fixed agenda
	18	Standards Australia Report	FS	No news from Standard Australia Subscribe to News Updates Aged standards review ASNT 9712 program	Fixed agenda
	19	New Business			
	19.1	AS3669	SS	As the Board knows, CASA is the only airworthiness regulator in the world that still accepts AS3669. Even Australia's DASA does not, as their Fact Sheet on 'NDT Standards Requirements', dated, 26 October 2021, makes clear. My decades of	

regulatory experience warns me against unsupported standards.

Therefore, I recommend to the Board that we formally, in a report to CASA:

- identify and list the differences between AS3669 and the current EN4179;
- explain the risks for each difference;
- summarise the overall risk; and
- commit to reporting similarly whenever EN4179 is revised.

The Board's report to CASA should state the Board's expectation that CASA will compare the risks we identify with other costs and benefits according to the Government's Impact Analysis Framework — and that CASA will formally advise the Board of its decision.

Alternatively, we should advise CASA that the Board, whose members are all volunteers, does not have the capacity for such a review and, for that reason alone, we can no longer support AS3669.

Action (New Board):

NANDTB needs to write to CASA to articulate transition to EN4179

DP: Now is the right time to do it. CAO's are currently in review, Part43 is on the threshold.

Board needs to demonstrate differences, and show benefits (alignment with worlds best practice) and burden to industry.

Include the key differences (Training hours, competency assessment requirements, verifiable tasks, annual maintenance). Also include offer to assist in a transition framework for organisations to follow (timeline and recertification flexibilities)

	20	Questions without notice			
	20.1		SNe	Removal of parts for inspection if not required. ICA change required	
			SNe	Transition from AS3669 NA-019 to EN4179 NA-024, no transition process. Answer, just need show compliance and supply evidence to EN4179	
	21	Next meeting		<p>Proposed meeting dates for 2024</p> <ol style="list-style-type: none"> 1) 21/March/2024 (Easter is the following weekend)- Sydney 2) 11/April/2024 Tele conference to announce new Board 3) 04/July/2024 AGM- Sydney 4) 07/November/2024- Sydney <p>NOTES:</p> <ol style="list-style-type: none"> 1) ZOOM Video conference is available at any time on any subject 2) Conferencing call volume was low for online participants. Additional remote microphone to be procured for the new conference camera. 	
15:00	22	Close	14:35	Thanks Steve Swift for your Board contributions and active participation since 2018. Enjoy your retirement	