

Annex C: STANDARD TEST PIECE LOG SHEET

Completed by name:		Signature:	
Company:		Date:	Time:
Manufacturer:	Model:	Identity Number:	
Location:		Optimum Position of STP (L, M, R):	
Test		Display	
1	Single wire resolution	30 AWG uninsulated tinned copper wire, not covered by the aluminium step wedge	
2	Useful penetration	Baseline: 24AWG uninsulated tinned copper wire, behind 7.9mm of the aluminium step wedge. Enhanced: behind 11.1mm of the aluminium step wedge	
3	Spatial resolution	Vertical and horizontal 2.0 mm copper sheet gratings	
4	Single penetration (thin material imaging)	0.1 mm steel shim	
5	Single penetration (thick material differentiation)	Baseline: Lead strip behind 14 mm of steel (1 st step of steel wedge). Enhanced: behind 26mm of steel	
6	Material discrimination	Different colours for sugar and salt	
If using CTP consult Annex B of the Guidance Note on image quality standards for Conventional X-Ray Equipment used in regulated Aviation Security.			

24 AWG 30 AWG 32 AWG 36 AWG

Tests 1 & 2

4.8mm

7.9mm

11.1mm

salt

sugar

Test 6

Test 3

1.0mm

2.0mm

1.5mm

1.0mm

1.5mm

2.0mm

Test 5

14mm

16mm

18mm

20mm

22mm

24mm

26mm

28mm

30mm

Test 4

0.15mm

0.10mm

0.06mm

Comments: