

DO-178C/ED-12C Table A-9 Software Quality Assurance Process

DO-178C/ED-12C (Core) Annex A				DO-333 Formal Methods (FM)		DO-331 Model Based (MB)		DO-332 Object Oriented (OO)	
Objective	Description	Objective Reference	Output/Data Reference	Objective Reference	Output/Data Reference	Objective Reference	Output/Data Reference	Objective Reference	Output/Data Reference
A-9 #1	Assurance is obtained that software plans and standards are developed and reviewed for compliance with this document and for consistency.	8.1.a, 8.2.b, 8.2.h, 8.2.i	11.19	-	-	MB.8.1.a, MB.8.2.b, MB.8.2.h, MB.8.2.i	-	OO.8.2.b, OO.8.2.h, OO.8.2.i	-
A-9 #2	Assurance is obtained that software life cycle processes comply with approved software plans.	8.1.b, 8.2.a, 8.2.c, 8.2.d 8.2.f, 8.2.h, 8.2.i	11.19	-	-	MB.8.1.b, MB.8.2.a, MB.8.2.c, MB.8.2.d MB.8.2.f, MB.8.2.h, MB.8.2.i	-	OO.8.2.a, OO.8.2.c, OO.8.2.d, OO.8.2.f, OO.8.2.h, OO.8.2.i	-
A-9 #3	Assurance is obtained that software life cycle processes comply with approved software standards.	8.1.b, 8.2.a, 8.2.c, 8.2.d 8.2.f, 8.2.h, 8.2.i	11.19	-	-	MB.8.1.b, MB.8.2.a, MB.8.2.c, MB.8.2.d MB.8.2.f, MB.8.2.h, MB.8.2.i	-	OO.8.2.a, OO.8.2.c, OO.8.2.d, OO.8.2.f, OO.8.2.h, OO.8.2.i	-
A-9 #4	Assurance is obtained that transition criteria for the software life cycle processes are satisfied.	8.1.c, 8.2.e, 8.2.h, 8.2.i	11.19	-	-	MB.8.1.c, MB.8.2.e, MB.8.2.h, MB.8.2.i	-	OO.8.2.e, OO.8.2.h, OO.8.2.i	-
A-9 #5	Assurance is obtained that software conformity review is conducted.	8.1.d, 8.2.g, 8.2.h, 8.3	11.19	-	-	MB.8.1.d, MB.8.2.g, MB.8.2.h, MB.8.3	-	OO.8.2.g, OO.8.2.h	-