

Software Traceability Matrix Review Checklist

Peer Review Version: P10.DO178C.Peer-Review-Checklist-STM.2023.R1.0

Checklist Name Software Traceability Peer Review

Document(s) Under Review:

Supporting Documents:

Reviewer Name:

Reviewer Role:

Notes:

#	Checklist Item (i.e., Question)	DO-178C or Other Guidance Reference	DAL				Supplements			Latest Review Compliance	Latest Review Remarks	Compliance	Review Remarks
			A	B	C	D	DO-331 (MB)	DO-332 (OO)	DO-333 (FM)	Y/N/NA	<add notes if there is something noteworthy about this review iteration>	Y/N/NA	<add notes if there is something noteworthy about this review iteration>
1	Does the Trace Data show a bi-directional association between the System requirements allocated to software and the High-Level software requirements?	11.21.a; Table A-2.1	X	X	X	X	X	X	X	0	0		
2	Does the Trace Data show a bi-directional association between the High-Level software requirements and Low-Level software requirements?	11.21.b; Table A-2.4	X	X	X		X	X	X	0	0		
3	Does the Trace Data show a bi-directional association between the Low-Level software requirements and Source Code?	11.21.c; Table A-2.6	X	X	X		X	X	X	0	0		
4	Does the Trace Data show a bi-directional association between the Software requirements and Test Cases?	11.21.d; Table A-6	X	X	X	X	X	X	X	0	0		
5	Does the Trace Data show a bi-directional association between test cases and test procedures?	11.21.e; Table A-6	X	X	X	X	X			0	0		
6	Does the Trace Data show a bi-directional association between test procedures and test results?	11.21.f; Table A-6	X	X	X	X		X		0	0		
7	If a Model is used for high or low level requirements or the software architecture, does traceability with the model provide the granularity to demonstrate compliance to the Trace Data requirements?	MB.11.21	X	X	X	X			X	0	0		
8	Does the Trace Data show a bi-directional association between requirements of a method implemented in a class and the requirements of the method in its subclasses when the method is overridden in the subclass?	OO.11.21.g	X	X	X	X	X	X	X	0	0		
9	Are all configuration items identified, and baseline and traceability established for the Trace Data?	Table A-8.1, 2	X	X	X	X	X	X	X	0	0		
10	Is the Trace Data under configuration management in the appropriate category (CC1 or CC2) depending on the type of data being traced?	Table A-2; A-6	X	X	X	X	X			0	0		

0	Total "Y"	0	Total "Y"
0	Total "N"	0	Total "N"
0	Total "NA"	0	Total "NA"
0	Total "O"	0	Total "O"
0	0	0	0