

B.2 ISO 21448 (SOTIF)

B.2.1 Mapping ISO 21448 (SOTIF)

	B	C	D	E	F	G	H	I	J	K	L	M
4			Clause 5		Clause 6			Clause 7		Clause 8		
5			a	b	a	b	c	a	b	a	b	a
6												
7	Attributes	Subattributes										
8	Functional Suitability	Functional Completeness										x (3; 3)
9		Functional Correctness										
10		Functional Adaptability										
11												
12												
13	Reliability	Faultlessness										
14		Availability										
15		Fault Tolerance										
16		Recoverability										
17		Robustness								x (4; 4)		
18		Self-Monitoring								x (4; 4)		
19												
20												
21	Performance Efficiency	Time Behaviour										
22		Resource Utilization										
23		Capacity										
24												
25												
26	Compatibility	Co-existence										
27		Interoperability										
28												
29												
30	Interaction Capability	User Assistance										
31		Operability									x (4; 4)	
32		User Error Protection									x (3; 4)	
33		Learnability									x (4; 5)	
34		User Controllability									x (2; 3)	
35		User Transparency									x (4; 5)	
36		Documentability		x (3; 3)	x (3; 3)			x (2; 3)				x (3; 3)
37												
38												
39	Maintainability	Modularity										
40		Reusability										
41		Analysability							x (5; 5)	x (3; 4)	x (2; 4)	
42		Modifiability										
43		Testability										
44												
45												
46	Flexibility	Adaptability										
47		Installability										
48		Replaceability										
49		Scalability										
50												
51												
52	Safety											
53		Operational Constraint				x (5; 5)					x (4; 4)	
54		Risk Identification			x (5; 5)	x (5; 5)		x (5; 5)	x (5; 5)			
55		Fail Safe									x (3; 2)	
56		Hazard Warning									x (5; 5)	
57		Safe Integration										
58												
59	Data Quality	Data Completeness										
60		Currentness										
61		Consistency										
62		Accuracy										
63		Data Accessibility										
64		Credibility										
65		Compliance										
66		Data Confidentiality										
67		Efficiency										
68		Precision										
69		Data Traceability										
70		Understandability										
71		Availability										
72		Data Portability										
73		Data Recoverability										
74		Representativeness										
75		Independence										
76	Integrity											
77	Temporality											
78												
79												
80	Human Oversight											
81		Intervenability									x (4; 4)	
82		Accountability										
83		Monitorability									x (3; 4)	
84												
85	Transparency											
86		Interpretability										
87		Traceability										
88		Explainability										

	B	C	N	O	P	Q	R	S	T	U	V	W
4			Clasue 9					Clause 10				
5			a									
6			1	2	3	4	b	a	b	c	d	e
7	Attributes	Subattributes										
8	Functional Suitability											
9		Functional Completeness		x (5; 5)								
10		Functional Correctness							x (5; 5)			
11		Functional Adaptability										
12												
13	Reliability											
14		Faultlessness										
15		Availability							x (5; 5)			
16		Fault Tolerance										
17		Recoverability										
18		Robustness							x (5; 5)			
19		Self-Monitoring										
20												
21	Performance Efficiency											
22		Time Behaviour										
23		Resource Utilization										
24		Capacity										
25												
26	Compatibility											
27		Co-existence										
28		Interoperability										
29												
30	Interaction Capability											
31		User Assistance										
32		Operability										
33		User Error Protection										
34		Learnability										
35		User Controllability										
36		User Transparency										
37		Documentability			x (4; 4)		x (5; 5)					
38												
39	Maintainability											
40		Modularity										
41		Reusability										
42		Analysability	x (4; 5)			x (3; 3)						
43		Modifiability										
44		Testability									x (3; 4)	x (3; 3)
45												
46	Flexibility											
47		Adaptability										
48		Installability										
49		Replaceability										
50		Scalability										
51												
52	Safety											
53		Operational Constraint										
54		Risk Identification						x (3; 4)		x (3; 5)		
55		Fail Safe										
56		Hazard Warning										
57		Safe Integration										
58												
59	Data Quality											
60		Data Completeness										
61		Currentness										
62		Consistency										
63		Accuracy										
64		Data Accessibility										
65		Credibility										
66		Compliance										
67		Data Confidentiality										
68		Efficiency										
69		Precision										
70		Data Traceability										
71		Understandability										
72		Availability										
73		Data Portability										
74		Data Recoverability										
75		Representativeness										
76		Independence										
77		Integrity										
78		Temporality										
79												
80	Human Oversight											
81		Intervenability										
82		Accountability										
83		Monitorability										
84												
85	Transparency											
86		Interpretability										
87		Traceability										
88		Explainability										

	B	C	X	Y	Z	AA	AB	AC
4			Clause 11					
5								
6								
7	Attributes	Subattributes		a	b	c	1	2
8	Functional Suitability							
9		Functional Completeness		x (5; 4)		x (3; 3)		
10		Functional Correctness		x (5; 5)				
11		Functional Adaptability						
12								
13	Reliability							
14		Faultlessness						
15		Availability						
16		Fault Tolerance						
17		Recoverability						
18		Robustness	x (4; 5)					
19		Self-Monitoring						x (1; 3)
20								
21	Performance Efficiency							
22		Time Behaviour						
23		Resource Utilization						
24		Capacity						
25								
26	Compatibility							
27		Co-existence						
28		Interoperability						
29								
30	Interaction Capability							
31		User Assistance						
32		Operability						
33		User Error Protection						
34		Learnability						
35		User Controllability						
36		User Transparency						
37		Documentability				x (3; 3)		
38								
39	Maintainability							
40		Modularity						
41		Reusability						
42		Analysability						
43		Modifiability						
44		Testability	x (3; 4)	x (3; 3)				
45								
46	Flexibility							
47		Adaptability						
48		Installability						
49		Replaceability						
50		Scalability						
51								
52	Safety							
53		Operational Constraint						
54		Risk Identification						x (4; 5)
55		Fail Safe						
56		Hazard Warning						
57		Safe Integration						
58								
59	Data Quality							
60		Data Completeness						
61		Currentness						
62		Consistency						
63		Accuracy						
64		Data Accessibility						
65		Credibility						
66		Compliance						
67		Data Confidentiality						
68		Efficiency						
69		Precision						
70		Data Traceability						
71		Understandability						
72		Availability						
73		Data Portability						
74		Data Recoverability						
75		Representativeness						
76		Independence						
77		Integrity						
78		Temporality						
79								
80	Human Oversight							
81		Intervenability						
82		Accountability						
83		Monitorability					x (5; 5)	x (5; 5)
84								
85	Transparency							
86		Interpretability						
87		Traceability			x (3; 3)			
88		Explainability						