

Software Documentation		Class A	Class B	Class C
Clause	Sub-clauses			
Software development plan	5.1.1, 5.1.2, 5.1.3, 5.1.6, 5.1.7, 5.1.8, 5.1.9	X	X	X
	5.1.5, 5.1.10, 5.1.11		X	X
	5.1.4			X
Software requirements specification	5.2.1, 5.2.2, 5.2.4, 5.2.5, 5.2.6	X	X	X
	5.2.3		X	X
Software architecture	5.3.1, 5.3.2, 5.3.3, 5.3.4, 5.3.6	X	X	X
	5.3.5			X
Software detailed design	5.4.1		X	X
	5.4.2, 5.4.3, 5.4.4			X
Software unit implementation and verification	5.5.1	X	X	X
	5.5.2, 5.5.3, 5.5.5		X	X
	5.5.4			X
Software integration and integration testing	All requirements		X	X
Software system testing	All requirements		X	X
Software release	5.8.4	X	X	X
	5.8.1, 5.8.2, 5.8.3, 5.8.5, 5.8.6, 5.8.7, 5.8.8		X	X
Software maintenance process	6.1, 6.2.1, 6.2.2, 6.2.4, 6.2.5	X	X	X
	6.2.3		X	X
Software risk management process	7.1, 7.2, 7.3, 7.4.2, 7.4.3		X	X
	7.4.1	X	X	X

**Figure 2: IEC 62304 defines the processes and activities involved in software development life cycle. This table summarizes which software safety classes are assigned to each requirement. A Class A device requires minimal activities to accomplish the software design whereas the higher risk Class C devices require all activities to be carried out.**