

Reference No: CABF-R-021 rev 1	Conformity Assessment Bodies Forum PED/SPV (CABF) CABF
Relation to PED: Annex III EU-type examination – design type (2)	CABF Recommendation
Question:	Pressure equipment design code requires that the effects of fatigue shall be assessed, either by analysis or test. Codes that include detailed requirements for fatigue testing are for example harmonized standards EN 14359:2006 Gas-loaded accumulators for fluid power applications EN 13445-3:2009 Unfired pressure vessels – Part 3: Design EN 14917:2009 Metal bellows expansion joints for pressure applications EN 14585-1:2006 Corrugated metal hose assemblies for pressure applications. Part 1: Requirements. Is it possible to apply module B (design type) if the manufacturer opts for fatigue testing to verify the adequacy of design?
Answer:	No
Reason:	Fatigue testing is an experimental design method. The experimental design method may not be used in the context of module B (design type).
Original Reference:	CABF-R-021
Approved by CABF on: 2016-03-15/16	
Note:	