

Measures provided to meet the requirements of EN 982

Clause	Sub clause	Subject	App? ¹	How met	Further action	Comment
5.1	5.1.1	Adequate characteristics	Yes	Components are selected as being suitable for the purpose, pressure and duty		
	5.1.2	Pressure limitation	Yes	A pressure relief valve set at 200 bar is provided.		
	5.1.3	Leakage creates no hazard	Yes	Leakages create no hazard other than that of spilt oil. A PO check valve is provided that prevent the vertical axis from dropping.		
	5.1.4	Control on loss and re-establishment of power	Yes	Loss of power causes no hazard and the PO check valve prevents movement. There are no movements on power-up.		
	5.1.5	Accessibility	Yes	The hydraulic valves, power pack, etc., are accessible.		
	5.1.6	Positive isolation, accumulator dump	Yes	There is no accumulator requiring dump. Electrical isolation achieves hydraulic isolation as well. The PO check valve has a let-down feature to allow potential energy in a raised vertical axis to be dissipated.		
	5.1.7	Mechanical movements must not cause hazard	Yes	Mechanical movements are within the protected area. See also 5.1.6.		
	5.1.8	Noise	Yes	The whole machine is intended to emit 80 db(A) or less under controlled measurement conditions.		

¹ Applicable

Continued