



Maintenance Schedule

DOCMSACS55001

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ACS550 and ACH550 Drives

Legend:

Replacement of component (At rated load and ambient conditions)	R
Inspection (visual inspection, correction and replacement if needed)	I
Performance of on-site work (commissioning, tests, measurements, etc.)	P

	Years from start-up																					
	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21
Start-up	P																					
Cooling																						
➤ Internal/additional cooling fan for IP54 and ACx550-01		I	I	R	I	I	R	I	I	R	I	I	R	I	I	R	I	I	R	I	I	R
➤ Cooling fan (ACx550-01)		I	I	I	I	I	R	I	I	I	I	I	R	I	I	I	I	I	R	I	I	I
➤ Cooling fan (ACS550-02)		I	I	I	I	I	R	I	I	I	I	I	R	I	I	I	I	I	R	I	I	I
Aging																						
➤ Electrolytic capacitors (DC circuit)										R									R			
Connections & Surroundings																						
➤ OITF+ flat cables										R									R			
➤ Tightness of terminals							I						I						I			
➤ Dustiness, corrosion and temperature		I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I
➤ Quality of supply voltage		I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I
Improvements																						
➤ Based on product notes		I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I
Measurements																						
➤ Basic measurements with supply voltage		P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
Spare Parts																						
➤ Spare parts		I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I
➤ DC circuit capacitors reforming		P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P

Note! Recommended service intervals and component replacements are based on the operational environment specified by ABB. ABB recommends drive inspections to be carried out annually to ensure the highest reliability and optimum performance. More information in service instructions, product manuals and on the Internet pages in the address: www.abb.com/drivesservices.