

MAINTENANCE SCHEDULE

INSPECTION REQUIRED	MAINTENANCE INTERVAL	RESULT
Inspect the thermo-resistances	Annual inspection and following any non-routine work	Electrical continuity measured using a tester
Check the ability of the safety equipment to deal with an overload	In accordance with planned schedule	In accordance with the instructions
Remove any dirt or dust as well as any foreign bodies from the windings	Six-monthly inspection and inspection following a shutdown	Clean with compressed air and cloths
HV/LV terminal and delta / star connection bolts	Annual inspection and following any non-routine work	Torque tightening (please refer to table 4.3) using a torque wrench
Bolts and nuts intended to secure the transformer to the floor	Annual inspection and following any non-routine work	Torque tightening (please refer to table 4.3) using a torque wrench
Inspect the insulation between the windings and between the windings and earth	Whenever the transformer remains unused for a long period of time	HV to earth, min. 250 MΩ LV to earth, min 50 MΩ MT/LV min, 250 MΩ Mega-ohmmeter (megger-type) with a voltage thet exceeds 1000 V and min. LV insulaton class
Check the phase fixing block torque values	Annual inspection and following any non-routine work	Tightening torque values min 10 Nm - max 15 Nm using a torque wrench