



Maintenance schedule

REFUSOL 100KW REFUSOL 160KW

System: _____ Serial no.: _____

Action to be taken	Maintenance interval	Date
Clean or replace the filter mats in the air inlet filters of the control cabinets, if present.	12 months*	
Check the interior space of the control cabinet for dust deposits, soilings, moisture, and water ingress from outside.	12 months	
Check the cabinet and device fans for proper functioning and operational noise.	12 months	
Check the thermostat settings (door fan).	12 months	
Visually check the fuses present.	12 months	
Check the surge arresters (on the AC and DC sides) as well as the upstream fuses for outside damage.	12 months	
Check the terminal connections of the power cables for tightness and retighten if necessary. Look out for discolorations/changes on the insulation and the terminals. Replace any damaged or corroded line connections or contact elements.	12 months	
Carry out a functional test of the insulation monitoring unit.	12 months	
Check the control and auxiliary voltages 230 V AC, P 24 V.	12 months	
Check the safety circuit (emergency-stop function). This check should turn off the AC switch, the AC contactor, the DC switch, and the DC precharging contactor.	12 months	
Carry out a functional test of the AC and DC switches (motor drives).	12 months	
Carry out a functional test of the REFU Power Management Unit (if present).	12 months	
Check the control panel for proper functioning of the keys and the display.	12 months	
Visually check the GCBs, if included in the scope of delivery.	12 months	
Check and, if necessary, replace the indicator lamps.	12 months	
Check and, if necessary, replace the warnings (labels).	12 months	

* Shorter maintenance intervals might be necessary (depending on the location and ambient conditions).

System: _____ Serial no.: _____

Notes	Date



Maintenance schedule

Maintenance date: _____

Service technician's name / company: _____ / _____

Service technician's signature: _____