

SI-HPC-0002	Maintenance Schedule – CE chargers											
						Pages						2
Subjected chargers	HPC					Version						1.3
						Date						21-03-2023
Estimated Time	-					Assistance 2 nd line support required?						No

Purpose of the instruction and short description:
This maintenance schedule contains the service intervals on different components of HPC chargers.

Specific risks and attention points:
Before performing any work in the charger, follow the procedure **SI-HPC-0000 Safety instructions**.

Maintenance Schedule:											
I	Inspection (visual inspection and required maintenance action if needed)										
P	Performance of on-site work (commissioning, tests, measurements or other activities)										
R	Replacement of component (see related service instruction)										
	Years from start up										
Service	0	1	2	3	4	5	6	7	8	9	10
RCD tests		P	P	P	P	P	P	P	P	P	P
Cable isolation test		P	P	P	P	P	P	P	P	P	P
RMS measurement (Country dependent)		P	P	P	P	P	P	P	P	P	P
Isolation measurements (Country dependent)		P	P	P	P	P	P	P	P	P	P
Grounding system measurement		P	P	P	P	P	P	P	P	P	P
Visual inspection		P	P	P	P	P	P	P	P	P	P
Improvements Based on Service Letters		I	I	I	I	I	I	I	I	I	I
Main Cabinet											
FILTER INLET KIT		I	R	I	R	I	R	I	R	I	R
FILTER OUTLET KIT		I	I	I	I	R	I	I	I	I	R
FAN POWER MODULE		I	I	I	I	R	I	I	I	I	R
FAN CABINET		I	I	I	I	R	I	I	I	I	R
DC FUSE		I	I	I	I	R	I	I	I	I	R
POWER SUPPLY;24VDC;240W		I	I	I	I	R	I	I	I	I	R
POWER MODULE		I	I	I	I	I	I	I	I	I	R
CPI/IMI COMBO CCS ASSY		I	I	I	I	I	I	I	I	I	R
CPI/IMI CHADEMO ASSY		I	I	I	I	I	I	I	I	I	R
DC OUTLET CONTACTOR		I	I	I	I	I	I	I	I	I	R
MRU INCLUDING DISPLAY		I	I	I	I	I	I	I	P	I	I
METER DIN RAIL UNIT AND CURRENT SENSOR		I	I	I	I	I	I	I	P	I	I
LEGAL SEALS		I	I	I	I	I	I	I	R	I	I
DC METER		I	I	I	I	I	I	I	P	I	I
AC METER		I	I	I	I	I	I	I	P	I	I
TORQUE VALIDATION POWER CONNECTIONS*		I	I	I	I	I	I	I	I	I	I
Charging post											
FILTER INLET KIT		I	R	I	R	I	R	I	R	I	R
FILTER OUTLET KIT		I	I	I	I	R	I	I	I	I	I
Gunholder		I	I	I	I	R	I	I	I	I	R
POWER SUPPLY;24VDC;480W		I	I	I	I	R	I	I	I	I	R
HMI Assy or Display		I	I	I	I	R	I	I	I	I	R



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Maintenance Schedule:											
Cooling Unit											
Fittings and pipe connections		I	I	I	I	R	I	I	I	I	R
Performance test		P	P	P	P	P	P	P	P	P	P
Oil Flushing			P		P		P		P		P
Cooling unit Overhaul		I	I	I	P	I	I	I	P	I	

- Apart from the time related maintenance there are a number of components which wear with the use. At this moment this use is not counted or calculated.
- Air Filters: Environment characteristic and number of charging sessions may require additional replacement of the air filter during the life time of the charger.
- Maintenance schedule based on 40 charge sessions a day.

Consumables	Notes
Cables with connectors (CCS, Chademo and AC)	Replace after 10.000 mattings
Gunholders	Yearly inspection, replace after 5 years
Cooling system fans	To be defined
Cooling system Pump	To be defined

- Consumables are parts that will degrade faster based on weather, number of charging sessions and customer handling. They are not covered under warranty unless approved after RMA

* Please validate power connections according to document: UAR.11060.SI. Document is available on the Service SharePoint