



## Wear Check List Raption 150 Compact:

Date: 

Charge Point Information			
Model:		S/N:	
Alias of the unit:		Start Up Date:	
Installation Date:		Field technician:	
Wearcheck period:		Ticket N°:	
Client/Operator:			
Address:			

Check in the file "Mandatory Personal Protective Equipment to avoid risk of accidental electrical injury" to make sure the commissioning staff has all the protective material and equipment.

Charge Point Details			
N°	Description	Action	Status
1	Unit Updated Previously	VI	<input type="checkbox"/> OK <input type="checkbox"/> NOK
2	Unit Repaired Previously	VI	<input type="checkbox"/> OK <input type="checkbox"/> NOK
3	Limit Activated	VI	<input type="checkbox"/> OK <input type="checkbox"/> NOK
4	DLM Activated	VI	<input type="checkbox"/> OK <input type="checkbox"/> NOK
5	4G Communications Activated	VI	<input type="checkbox"/> OK <input type="checkbox"/> NOK
6	OCPP activated	VI	<input type="checkbox"/> OK <input type="checkbox"/> NOK
<b>Comments</b>			

External General inspection			
N°	Description	Action	Status
7	General Visual Inspection	VI	<input type="checkbox"/> OK <input type="checkbox"/> NOK
8	Unit Under Cover	VI	<input type="checkbox"/> OK <input type="checkbox"/> NOK
9	Minimum Front distance of the Installation (900mm)	OM	<input type="checkbox"/> OK <input type="checkbox"/> NOK
10	Minimum Rear distance of the Installation (50mm)	OM	<input type="checkbox"/> OK <input type="checkbox"/> NOK
11	Minimum Side distance of the Installation (1000mm)	OM	<input type="checkbox"/> OK <input type="checkbox"/> NOK
<b>Comments</b>			

Body and fastening			
Nº	Description	Action	Status
12	Exterior Paint	VI	<input type="checkbox"/> OK <input type="checkbox"/> NOK
13	Paint in areas of friction	VI	<input type="checkbox"/> OK <input type="checkbox"/> NOK
14	Bolt Fastening verification	CST	<input type="checkbox"/> OK <input type="checkbox"/> NOK
15	Accuracy of the level calibration	CST	<input type="checkbox"/> OK <input type="checkbox"/> NOK
16	Roof Cover Verification	CST	<input type="checkbox"/> OK <input type="checkbox"/> NOK
17	Blowing and hoovering of the inside	CST	<input type="checkbox"/> OK <input type="checkbox"/> NOK
18	Verification of the isolation rubbers	VI	<input type="checkbox"/> OK <input type="checkbox"/> NOK
19	Ventilation Holes	VI	<input type="checkbox"/> OK <input type="checkbox"/> NOK
20	Doors alignment	VI	<input type="checkbox"/> OK <input type="checkbox"/> NOK
<b>Comments</b>			

External components			
Nº	Description	Action	Status
21	CCS Holder housing (External and Internal Inspection)	VI	<input type="checkbox"/> OK <input type="checkbox"/> NOK
22	CCS Cable Gland	VI	<input type="checkbox"/> OK <input type="checkbox"/> NOK
23	CCS Connector (External and Internal Inspection)	VI	<input type="checkbox"/> OK <input type="checkbox"/> NOK
24	CHA Holder housing (External and Internal Inspection)	VI	<input type="checkbox"/> OK <input type="checkbox"/> NOK
25	CHA Cable Gland	VI	<input type="checkbox"/> OK <input type="checkbox"/> NOK
26	CHA Connector (External and Internal Inspection)	VI	<input type="checkbox"/> OK <input type="checkbox"/> NOK
27	Emergency Button	VI	<input type="checkbox"/> OK <input type="checkbox"/> NOK
28	Screen	VI	<input type="checkbox"/> OK <input type="checkbox"/> NOK
29	Lockable Handle	VI	<input type="checkbox"/> OK <input type="checkbox"/> NOK
30	LED Beacons	VI	<input type="checkbox"/> OK <input type="checkbox"/> NOK
31	Courtesy lights	VI	<input type="checkbox"/> OK <input type="checkbox"/> NOK
<b>Comments</b>			

Internal Components Verification			
Nº	Description	Action	Status
31	Lockable Handle Internal System (Main Screws)	CST	<input type="checkbox"/> OK <input type="checkbox"/> NOK
32	CCS Holder Internal Lock System (Coil and Cilinder System)	OT	<input type="checkbox"/> OK <input type="checkbox"/> NOK
33	Emergency Button	VI	<input type="checkbox"/> OK <input type="checkbox"/> NOK
34	Screen Connectors	VI	<input type="checkbox"/> OK <input type="checkbox"/> NOK
35	Rear and Sides Filters	VI	<input type="checkbox"/> OK <input type="checkbox"/> NOK
36	LED Beacons	VI	<input type="checkbox"/> OK <input type="checkbox"/> NOK
37	Check Condesation on Components	VI	<input type="checkbox"/> OK <input type="checkbox"/> NOK
38	Check Water Inlets inside	VI	<input type="checkbox"/> OK <input type="checkbox"/> NOK
<b>Comments</b>			

Electrical Components Installation Verification			
Nº	Description	Action	Status
39	External wire verification according to the product specifications	VI	<input type="checkbox"/> OK <input type="checkbox"/> NOK
40	Grounding Resistance (Measure with Circutor TL5)	CST	<input type="checkbox"/> OK <input type="checkbox"/> NOK
41		<b>Neutral</b>	<input type="checkbox"/> OK <input type="checkbox"/> NOK
	Input Voltage check Phase 1	VM	<input type="checkbox"/> OK <input type="checkbox"/> NOK
	Input Voltage check Phase 2	VM	<input type="checkbox"/> OK <input type="checkbox"/> NOK
	Input Voltage check Phase 3	VM	<input type="checkbox"/> OK <input type="checkbox"/> NOK
	Input Voltage check Neutral-Ground	VM	<input type="checkbox"/> OK <input type="checkbox"/> NOK
<b>Comments</b>			

Internal electrical Components Verification			
Nº	Description	Action	Status
42	Verification of the internal wires and tightening of the terminals	CST	<input type="checkbox"/> OK <input type="checkbox"/> NOK
43	Isolation Test Bender CCS (B202.1/B202.2)	OT	<input type="checkbox"/> OK <input type="checkbox"/> NOK
44	Isolation Test Bender CHA (B203.1/B203.2)	OT	<input type="checkbox"/> OK <input type="checkbox"/> NOK
45	RCBO (Q109.1/Q110.2)		<input type="checkbox"/> OK <input type="checkbox"/> NOK
46	RCD (Q101.4/T105.1/T106.1/QD103.1)	OT	<input type="checkbox"/> OK <input type="checkbox"/> NOK
47	MCB (Q120.1/Q121.1/Q121.2/Q122.1/Q123.1 /Q123.2/ Q101.3/Q101.2)	OT	<input type="checkbox"/> OK <input type="checkbox"/> NOK
48	MCCB (Q101.1)	OT	<input type="checkbox"/> OK <input type="checkbox"/> NOK
49	Verification of the output voltage in the MCB's	VM	<input type="checkbox"/> OK <input type="checkbox"/> NOK
50	Power Modules Connectors	VI	<input type="checkbox"/> OK <input type="checkbox"/> NOK
51	Power Modules Internal Status	VI	<input type="checkbox"/> OK <input type="checkbox"/> NOK
52	Verification of the input and output voltage of Power Modules	VM	<input type="checkbox"/> OK <input type="checkbox"/> NOK
53	Multiconnectors of 12Vdc / 24Vdc / 230V / Ground	VM	<input type="checkbox"/> OK <input type="checkbox"/> NOK
54	Power Modules Fans (M114.1/M114.2)	VI	<input type="checkbox"/> OK <input type="checkbox"/> NOK
55	CCS Mode 4 Board Status (N226.1)	VI	<input type="checkbox"/> OK <input type="checkbox"/> NOK
56	CHA Mode 4 Board Status (N228.1)	VI	<input type="checkbox"/> OK <input type="checkbox"/> NOK
57	CCS Control Board Status (N225.1)	VI	<input type="checkbox"/> OK <input type="checkbox"/> NOK
58	CHA Control Board Status (N227.1)	VI	<input type="checkbox"/> OK <input type="checkbox"/> NOK
59	Ventilation Fans System of Sides	VI	<input type="checkbox"/> OK <input type="checkbox"/> NOK
60	Heater/Fan (R115.1)	OT	<input type="checkbox"/> OK <input type="checkbox"/> NOK
61	Tamper System	OT	<input type="checkbox"/> OK <input type="checkbox"/> NOK
62	Emergency Stop Button Actuation	OT	<input type="checkbox"/> OK <input type="checkbox"/> NOK
63	Contactors Status (K105.1 / K106.1)	VI	<input type="checkbox"/> OK <input type="checkbox"/> NOK
64	Relays Status	VI	<input type="checkbox"/> OK <input type="checkbox"/> NOK
65	Internal cable connectors	CST	<input type="checkbox"/> OK <input type="checkbox"/> NOK
66	UPS (G150.3)	CST	<input type="checkbox"/> OK <input type="checkbox"/> NOK
67	CCS Fuse terminal Status (F202.1 /F202.2)	VI	<input type="checkbox"/> OK <input type="checkbox"/> NOK
68	CHA Fuse terminal Status (F203.1 /F203.2)	VI	<input type="checkbox"/> OK <input type="checkbox"/> NOK
69	CCS ceramic fuse (F140.1)	CST	<input type="checkbox"/> OK <input type="checkbox"/> NOK
70	CHA ceramic fuse (F140.2)	CST	<input type="checkbox"/> OK <input type="checkbox"/> NOK
71	Temporary overvoltage fuse terminal Status (F102.1/F102.2/F103.3)	VI	<input type="checkbox"/> OK <input type="checkbox"/> NOK
72	Permanent overvoltage fuse (F101.1)	CST	OK <input type="checkbox"/> NOK
73	Power supply 24V (G150.1)	VM	<input type="checkbox"/> OK <input type="checkbox"/> NOK
74	EMI filter (L101.2)	CST	<input type="checkbox"/> OK <input type="checkbox"/> NOK
<b>Comments</b>			

Configuration and Adjustments				
Nº	Description	Action	Status	
75	Configuration of the network analyzers	VI	<input type="checkbox"/> OK <input type="checkbox"/> NOK	
76	Adjustment of the isolation detectors (Bender)	VI	<input type="checkbox"/> OK <input type="checkbox"/> NOK	
77	Adjustment of the sensitivity of the RCD	VI	<input type="checkbox"/> OK <input type="checkbox"/> NOK	
78	Configuration of Thermostats	VI	<input type="checkbox"/> OK <input type="checkbox"/> NOK	
79	Setup of the date/time and language	LAP	<input type="checkbox"/> OK <input type="checkbox"/> NOK	
80	<b>Type 2</b>		<b>DC</b>	
	Adjustment of the output power according to the maximum power supported by the supply connection (Indicate value)	LAP		
81	Configuration of the local network and 3G communications	LAP	<input type="checkbox"/> OK <input type="checkbox"/> NOK	
82	Verification of the firmware and application	LAP	<input type="checkbox"/> OK <input type="checkbox"/> NOK	
83	Verification of the communication between the internal devices	LAP	<input type="checkbox"/> OK <input type="checkbox"/> NOK	
84	Setup of the OCPP and basic tests of functionality	<b>Test</b>		
		Comm. BO	LAP	<input type="checkbox"/> OK <input type="checkbox"/> NOK
		Start/Stop RFID	LAP	<input type="checkbox"/> OK <input type="checkbox"/> NOK
		Start/Stop remote	LAP	<input type="checkbox"/> OK <input type="checkbox"/> NOK
		White list	LAP	<input type="checkbox"/> OK <input type="checkbox"/> NOK
<b>Comments</b>				

Functionality Test						
Nº	Description	Action	Status			
			AC		DC	
85	Stand by	OT	<input type="checkbox"/> OK	<input type="checkbox"/> NOK	<input type="checkbox"/> OK	<input type="checkbox"/> NOK
86	Charging	OT	<input type="checkbox"/> OK	<input type="checkbox"/> NOK	<input type="checkbox"/> OK	<input type="checkbox"/> NOK
87	Emergency Stop	OT	<input type="checkbox"/> OK	<input type="checkbox"/> NOK	<input type="checkbox"/> OK	<input type="checkbox"/> NOK
88	Earth leakage verification	OT	<input type="checkbox"/> OK	<input type="checkbox"/> NOK	<input type="checkbox"/> OK	<input type="checkbox"/> NOK
89	Complete Charge (30')	OT	<input type="checkbox"/> OK	<input type="checkbox"/> NOK	<input type="checkbox"/> OK	<input type="checkbox"/> NOK
90	Heater activation	OT			<input type="checkbox"/> OK	<input type="checkbox"/> NOK
91	Ventilation activation	VI			<input type="checkbox"/> OK	<input type="checkbox"/> NOK
92	Verification of the charge values	VI			<input type="checkbox"/> OK	<input type="checkbox"/> NOK
93	Screen information	VI			<input type="checkbox"/> OK	<input type="checkbox"/> NOK
94	Activation / Deactivation of Power Modules	OT			<input type="checkbox"/> OK	<input type="checkbox"/> NOK
<b>Comments</b>						
Commissioning Acceptance - Charge Point						
Client's Comments						
Sign and Acceptance						
Location: _____						
<b>Circontrol Staff</b>			<b>Customer / Operator of CP</b>			

**Actions:**

Visual Inspection	<b>VI</b>
Voltage Measurement	<b>VM</b>
Operation Test	<b>OT</b>
Other measurement	<b>OM</b>
Check with specific tool	<b>CST</b>
Laptop	<b>LAP</b>