Recommended Checks to be Done on an EVlink Pro AC Charging Infrastructure

Serial number:	**Commercial reference:**	**Charging station location:**
Installation company:		**Installers:**
Verification company:		**Verified by:**
Installation can be energized: YES ◯ **NO** ◯		**Date:**
For more information on recommended checks, refer to the *EVlink Pro AC - Installation Guide* (NNZ1940301).		**Signature:**

Critical level:
- **OK**
- **Intervention should be planned**
- **Charging station stopped and intervention planned as soon as**

	N°	Topics	NA				Comments
ROUTINE	**External Check**						
	1	The charging station body is stable in all directions.					
	2	The charging station body is undamaged: no cracks, holes or burn marks on the RFID reader, the label, the front plate.					
	3	The five fastening screws are present on the front plate and properly fastened.					
	4	The front plate is adjusted to the front cover.					
	5	The indicator light turns steady green when the charging station is available.					
	T2S Socket Check						
	6	There is no foreign material inside the T2S socket.					
	7	There is no rust inside the T2S socket.					
	8	There are no cracks on the T2S socket.					
	9	The gaskets on the T2S socket are in good condition.					
	10	All the shutters on T2S contacts are present and properly in place.					
	11	There are no burning marks on the earth contact of the T2S socket.					
	12	The flap of the T2S socket is in good condition.					
	13	The T2S connector can easily be plugged in and unplugged.					
	Domestic Socket Check						
	14	There is no foreign material inside the domestic socket.					
	15	There is no rust on the domestic socket.					
	16	There are no overheating marks on the domestic socket.					
	17	The shutters on the TE/TF contacts are present and properly in place.					
	18	The flap of the domestic socket is in good condition.					
	19	The flap of the domestic socket closes properly.					
	20	The gasket flap of the domestic socket is in good condition.					
	21	The TE/TF connector can easily be plugged in and unplugged.					
	22	The plug presence sensor operates correctly.					
	Cable Check						
	23	There is no foreign material around the cable.					
	24	There are no burn marks, pinch marks, cuts or cracks on the cable.					
	25	There is no rust, no hole, and no burning mark on the connector, and no foreign body inside the connector.					
	26	The cap is present on the cable.					
	27	The cable glanding is in good condition.					
	Cleanliness Check						
	28	There is no dust outside the charging station.					
	Charging Check						
	29	The indicator light is dimming blue when the EV is in charge.					
	30	There is no abnormal noise during the charge.					

INTERMEDIATE

Internal Inspection						
31	The inside of the charging station has been cleaned and maintained.					Micro-switches: 1 2 3 4 5 6 / On/Off
eSetup Check						
32	Tapping an admin badge on the RFID reader gives access to the charging station on eSetup.					
33	The PIN code gives access to the configuration interface of the charging station.					PIN:
34	On eSetup, selecting **Get the complete diagnostic report** downloads the full report, CDR, configuration file and the list of authorized badges. Write down the password.					.zip password:
Quick Maintenance Diagnostic						
35	Report saved and checked.					
36	The configuration of the charging station power is coherent with upstream circuit breaker rating.					
37	The configuration of the charging station power is coherent with cable section.					
38	There is at least one RCD in the power line.					
39	The maximum charging current value on eSetup is coherent with the switch position.					
40	The boot counter is lower than 10.					Boot counter:
Power Meter Check						
41	The power meter displays a cumulated energy consumption (kWh) above zero and above the value of the previous maintenance. Write down the cumulated energy consumption.					Energy: kWh
RCD Check						
42	The residual current device is working properly.					
Firmware Check						
43	Firmware is up to date/updated to the latest version.					Firmware version:
T2S Socket Check						
44	The plug lock is working properly for T2S socket.					
45	The voltage between neutral and phases is between 220 V and 240 V. The voltage between phases is between 380 V and 415 V.					U31: U12: U23: / V1N: V2N: V3N: VN-GND:
Domestic Socket Check						
46	Voltage is present at the end of the extension cord. Write down the measured voltage.					V1N: Vac
RFID Reader Check						
47	The RFID reader is working properly.					
iMnX Check						
48	The iMnX is working properly.					
Earth Measurement Check						
49	The earth impedance is lower than 100 Ohms.					Impedance measurement: VN-GND:
Back to Customer Settings						
50	The charging sequence is as expected regarding the configuration (supervision, authentication code).					
Check Before Leaving the Site						
51	The front cover, the transparent window and the front plate are properly attached.					
52	There are no tools or documents left around the charging station.					