1 Test Table

System name:			**Date:**	
Address:				
Customer:			**Test technician:**	
Serial number / Charging station type:				
Software version:			☐ Not known	
Initial test in accordance with DIN VDE 0100-600	☐ Test performed		**Date:**	
Retest in accordance with DIN VDE 0100-600	☐ Test performed		**Date:**	
Reason for test:	☐ New system ☐ Expansion / Change		☐ Retest ☐ Repair	
Utility grid:	V	Hz	**Grid system:**	
Distribution grid operator:				☐ Not known
Fusing:	Type:	A		
RCD:	Type:	A/mA		
Installation site / Use:	☐ Private	☐ Semi public	☐ Public	
Comments				

Visual inspection	**Ok**	**Not OK**		**Ok**	**Not OK**
No detectable damage to the charging station	☐	☐	**Plug connections correct**	☐	☐
Accessibility guaranteed	☐	☐	**Grounding arrangement complete**	☐	☐
Protection against external influences provided, suitable for mounting location	☐	☐	**Documentation completely available**	☐	☐

Visual inspection	Ok	Not OK		Ok	Not OK
Secure mounting, anchoring present (mounting bracket)	☐	☐	Labeling of the charging station present and readable	☐	☐
Residual-current device correctly selected / connected	☐	☐	Pre-fuse correctly selected / connected	☐	☐
Conductor cross-sections correctly selected and installation correctly performed (overcurrent protection)	☐	☐	Charging cable undamaged (if present)	☐	☐

Comments

Measurement	Measured Value	Ok	Not Ok
Continuity of grounding conductorR_{lo}	Ω	☐	☐
Insulation resistance R_{iso} L1 - PE (AC terminal)	Ω	☐	☐
Insulation resistance R_{iso} L2 - PE (AC terminal)	Ω	☐	☐
Insulation resistance R_{iso} L3 - PE (AC terminal)	Ω	☐	☐
Insulation resistance R_{iso} N - PE (AC terminal)	Ω	☐	☐
Insulation resistance R_{iso} L1 - PE (Charging socket)	Ω	☐	☐
Insulation resistance R_{iso} L2 - PE (Charging socket)	Ω	☐	☐
Insulation resistance R_{iso} L3 - PE (Charging socket)	Ω	☐	☐
Insulation resistance R_{iso} N - PE (Charging socket)	Ω	☐	☐

Measurement	Measured Value	Ok	Not Ok
Cut-off current, integrated residual-current device (DC)	mA	☐	☐
Disconnection time, residual-current device (DC)	ms	☐	☐
Cut-off current, external RCD (AC)	mA	☐	☐
Disconnection time, external RCD (AC)	ms	☐	☐
Impedance measurement Z_{LPE} / Z_{LN}	Ω / Ω	☐	☐
Short-circuit current Ik_{LPE} / Ik_{LN}	A / A	☐	☐
Rotary field direction Charging socket		☐	☐
Voltage between L1 and PE	V	☐	☐
Voltage between L2 and PE	V	☐	☐
Voltage between L3 and PE	V	☐	☐
Voltage between N - PE	V	☐	☐
Comments			

Testing	Ok	Not OK		Ok	Not OK
Function of protective devices (triggering of residual-current device)	☐	☐	Condition A - Ready for operation, no vehicle connected	☐	☐
Functions of the charging station (displays, RFID card, etc.)	☐	☐	Condition B - Vehicle connected, no charging mode	☐	☐
Function of LEDs	☐	☐	Condition C - Vehicle connected, charging mode	☐	☐

Testing	Ok	Not OK		Ok	Not OK
Access to user interface	☐	☐	**Condition D - Error: vehicle not compatible with the charging station**	☐	☐
Charging socket locking mechanism	☐	☐	**Condition E** **Error: short circuit CP - Ground connection via internal diode** **Interruption "PE"**	☐	☐

Comments

End of test			
Measuring devices used	Product:	Type:	
	Product:	Type:	
	Product:	Type:	
Test result	☐ No faults found	☐ Faults found	
The system complies with the recognized rules of electrical engineering.			☐ Yes ☐ No
A safe use is guaranteed when used as intended.			☐ Yes ☐ No
Signatures	**Customer:**	**Test technician:**	
	Place, date / Signature	Place, date / Signature	
Retest	☐ Yes	■ No	**Date:**
Information	Safely store the completed test report in case it is requested by authorities. In the event of damage, a properly documented test report can be used to verify that the product has been tested according to regulations.		