Technical Reference TR 25-1:2022

Electric vehicles charging system Part 1 : Electrical safety and general requirements

AMENDMENT NO. 1

February 2025

1. Page 7, Clause 2 Normative reference

Insert the following text under IEC 61851:

Part 21-2: Electric vehicle requirements for conductive connection to an AC/DC supply – EMC requirements for off board electric vehicle charging systems.

2. Page 14, 3.29 Restricted access

Replace the entire clause with the following text:

EVCS or charging station located at a parking space or location of a single landed household, that is within a defined boundary that forms part of the single household's property, which an unauthorised vehicle is restricted from accessing, e.g. user in a landed dwelling home or townhouse.

3. Page 66, 6.8.12 Electromagnetic compatibility test

Replace the entire clause with the following text:

Electric vehicle OFF board charging systems for conductive connection to an AC/DC supply shall comply with EMC requirements as specified in IEC 61851-21-2.

4. Page 68, Table 6 Conductive disturbance limit at DC charging cable (frequency range 150 kHz to 30 MHz

Delete Table 6.

5. Page 69, Table 7 Limit values of low frequency radiated disturbance emission of DC EV charging station

Delete Table 7.