

SCHEDULE

Regulation 3(1)

Technical specifications

Normal power recharging points for motor vehicles

1.—(1) An alternating current normal power recharging point for electric vehicles must be equipped for interoperability purposes with at least socket outlets or vehicle connectors of Type 2 as described in standard EN 62196-2(1).

(2) While maintaining the Type 2 compatibility, those socket outlets may be equipped with features such as mechanical shutters.

High power recharging points for motor vehicles

2.—(1) An alternating current high power recharging point for electric vehicles must be equipped for interoperability purposes with at least connectors of Type 2 as described in standard EN 62196-2.

(2) A direct current high power recharging point for electric vehicles must be equipped for interoperability purposes with at least connectors of the combined charging system ‘Combo 2’ as described in standard EN 62196-3(2).

Technical specification for refuelling points supplying hydrogen for motor vehicles

3. Connectors for motor vehicles for the refuelling of gaseous hydrogen must comply with the ISO 17268(3) gaseous hydrogen motor vehicle refuelling connection devices standard.

Shore-side electricity supply installations for seagoing ships

4. Shore-side electricity supply installations for seagoing ships, including the design, installation and testing of the systems, must comply with the technical specifications of the IEC/ISO/IEEE 80005-1 standard(4).

Technical specifications for intelligent metering systems

5.—(1) The infrastructure operator must ensure that the intelligent metering system—

- (a) displays to the person using the recharging point the time of its use;
- (b) is secure with regard to data sent from and to it.

(2) The infrastructure operator must ensure that information on the performance of the intelligent metering system is available to the person at the point of recharging.

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- (1) “Plugs, socket-outlets, vehicle connectors and vehicle inlets. Conductive charging of electric vehicles. Dimensional compatibility and interchangeability requirements for a.c. pin and contact-tube accessories”. BS EN 62196-2:2017. ISBN 978 0 580 87759 9. Published by British Standards Institute (BSI) 24th May 2017.
 - (2) “Plugs, socket-outlets, vehicle connectors and vehicle inlets. Conductive charging of electric vehicles. Dimensional compatibility and interchangeability requirements for d.c. and a.c/d.c. pin and contact-tube vehicle couplers”. BS EN 62196-3:2014. ISBN 978 0 580 72195 3. Published by the BSI 31st December 2014.
 - (3) “Gaseous hydrogen land vehicle refuelling connection devices”. BS EN ISO 17268:2016. ISBN 978 0 580 92282 4. Published by the BSI 31st December 2012.
 - (4) “Utility connections in port. High Voltage Shore Connection (HVSC) Systems. General requirements.” BS ISO/IEC/IEEE 80005-1:2012. ISBN 978 0 580 66260 7. Published by the BSI 31st July 2012.