**Annex A**

**CROSS REFERENCES**

|  |  |
| --- | --- |
| **International Standards** | **Corresponding Sri Lanka Standards** |
| IEC 61851 Electric Vehicle Conductive Charging System  Part 1: 2017 COR-2023 General Requirements | **SLS 1801** Electric Vehicle Conductive Charging System  Part 1: 2024 COR-2023 General Requirements |
| IEC 61851 Electric Vehicle Conductive Charging System  Part 1-1: 2023 Specific requirements for electric vehicle conductive charging system using type 4 vehicle coupler | **SLS 1801** Electric Vehicle Conductive Charging System  Part 1-1: 2024 Specific requirements for electric vehicle conductive charging system using type 4 vehicle coupler |
| IEC 61851 Electric Vehicle Conductive Charging System  Part 21-1: 2017 Electric vehicle on-board charger EMC requirements for conductive connection to an AC/DC supply | **SLS 1801** Electric Vehicle Conductive Charging System  Part 21-1: 2024 Electric vehicle on-board charger EMC requirements for conductive connection to an AC/DC supply |
| IEC 61851 Electric Vehicle Conductive Charging System  Part 21-2: 2018 Electric vehicle requirements for conductive connection to an AC/DC supply | **SLS 1801** Electric Vehicle Conductive Charging System  Part 21-2: 2024 Electric vehicle requirements for conductive connection to an AC/DC supply |
| IEC 61851 Electric Vehicle Conductive Charging System  Part 23: 2014 DC electric vehicle charging station | **SLS 1801** Electric Vehicle Conductive Charging System  Part 23: 2024 DC electric vehicle charging station |
| IEC 61851 Electric Vehicle Conductive Charging System  Part 24: 2014 Digital communication between a DC EV charging station and an electric vehicle for control of DC charging | **SLS 1801** Electric Vehicle Conductive Charging System  Part 24: 2024 Digital communication between a DC EV charging station and an electric vehicle for control of DC charging |
| IEC 61851 Electric Vehicle Conductive Charging System  Part 25: 2020 DC EV supply equipment where protection relies on electrical separation | **SLS 1801** Electric Vehicle Conductive Charging System  Part 25: 2024 DC EV supply equipment where protection relies on electrical separation |
| IEC 62196 Plugs, socket-outlets, vehicle connectors and vehicle inlets  Part 1: 2022 General Requirements | **SLS 1802** Plugs, socket-outlets, vehicle connectors and vehicle inlets  Part 1: 2024 General Requirements |

|  |  |
| --- | --- |
| IEC 62196 Plugs, socket-outlets, vehicle connectors and vehicle inlets  Part 2: 2022 Dimensional compatibility requirements for AC pin and contact-tube accessories | **SLS 1802** Plugs, socket-outlets, vehicle connectors and vehicle inlets  Part 2: 2024 Dimensional compatibility requirements for AC pin and contact-tube accessories |
| IEC 62196 Plugs, socket-outlets, vehicle connectors and vehicle inlets  Part 3: 2022 Dimensional compatibility requirements for DC and AC/DC pin and contact-tube vehicle couplers | **SLS 1802** Plugs, socket-outlets, vehicle connectors and vehicle inlets  Part 3: 2024 Dimensional compatibility requirements for DC and AC/DC pin and contact-tube vehicle couplers |
| IEC 62196 Plugs, socket-outlets, vehicle connectors and vehicle inlets  Part 3-1: 2020 Vehicle connector, vehicle inlet and cable assembly for DC charging intended to be used with a thermal management system | **SLS 1802** Plugs, socket-outlets, vehicle connectors and vehicle inlets  Part 3-1: 2024 Vehicle connector, vehicle inlet and cable assembly for DC charging intended to be used with a thermal management system |
| IEC 62196 Plugs, socket-outlets, vehicle connectors and vehicle inlets  Part 4: 2022 Dimensional compatibility and interchangeability requirements for DC pin and contact-tube accessories for Class II or Class III applications | **SLS 1802** Plugs, socket-outlets, vehicle connectors and vehicle inlets  Part 4: 2024 Dimensional compatibility and interchangeability requirements for DC pin and contact-tube accessories for Class II or Class III applications |
| IEC 62196 Plugs, socket-outlets, vehicle connectors and vehicle inlets  Part 6: 2022 Dimensional compatibility requirements for DC pin and contact-tube vehicle couplers intended to be used for DC EV supply equipment where protection relies on electrical separation | **SLS 1802** Plugs, socket-outlets, vehicle connectors and vehicle inlets  Part 6: 2024 Dimensional compatibility requirements for DC pin and contact-tube vehicle couplers intended to be used for DC EV supply equipment where protection relies on electrical separation |
| IEC 61980 Electric Vehicle Wireless Power Transfer (WPT) systems  Part 1: 2020 General Requirements | **SLS 1806** Electric Vehicle Wireless Power Transfer (WPT) systems  Part 1: 2024 General Requirements |
| IEC 61980 Electric Vehicle Wireless Power Transfer (WPT) systems  Part 2: 2023 Specific requirements for communication between electric road vehicle (EV) and infrastructure | **SLS 1806** Electric Vehicle Wireless Power Transfer (WPT) systems  Part 2: 2024 Specific requirements for communication between electric road vehicle (EV) and infrastructure |
| IEC 61980 Electric Vehicle Wireless Power Transfer (WPT) systems  Part 3: 2022 Specific requirements for the magnetic field wireless power transfer systems | **SLS 1806** Electric Vehicle Wireless Power Transfer (WPT) systems  Part 3: 2024 Specific requirements for the magnetic field wireless power transfer systems |
| IEC 62576: 2018 - Electric double-layer capacitors for use in hybrid electric vehicles - Test methods for electrical characteristics | **SLS 1807**: 2024 - Electric double-layer capacitors for use in hybrid electric vehicles - Test methods for electrical characteristics |
| IEC 62840 Electric vehicle battery swap system  Part 1: 2016 General and Guidance | **SLS 1808** Electric vehicle battery swap system  Part 1: 2024 General and Guidance |
| IEC 62840 Electric vehicle battery swap system  Part 2: 2016 Safety Requirements | **SLS 1808** Electric vehicle battery swap system  Part 2: 2024 Safety Requirements |
| IEC 62840 Electric vehicle battery swap system  Part 3: 2021 Particular safety and interoperability requirements for battery swap systems operating with removable RESS/battery systems | **SLS 1808** Electric vehicle battery swap system  Part 3: 2024 Particular safety and interoperability requirements for battery swap systems operating with removable RESS/battery systems |
| IEC 62893 Charging cables for electric vehicles for rated voltages up to and including 0.6/1 kV  Part 1: 2017 + AMD 2020General Requirements | **SLS 1809** Charging cables for electric vehicles for rated voltages up to and including 0.6/1 kV  Part 1: 2024 + AMD 2020 General Requirements |
| IEC 62893 Charging cables for electric vehicles for rated voltages up to and including 0.6/1 kV  Part 2: 2017 Test Methods | **SLS 1809** Charging cables for electric vehicles for rated voltages up to and including 0.6/1 kV  Part 2: 2024 Test Methods |
| IEC 62893 Charging cables for electric vehicles for rated voltages up to and including 0.6/1 kV  Part 3: 2017 Cables for AC charging according to modes 1, 2 and 3 of IEC 61851-1 of rated voltages up to and including 450/750 V | **SLS 1809** Charging cables for electric vehicles for rated voltages up to and including 0.6/1 kV  Part 3: 2024 Cables for AC charging according to modes 1, 2 and 3 of IEC 61851-1 of rated voltages up to and including 450/750 V |
| IEC 62893 Charging cables for electric vehicles for rated voltages up to and including 0.6/1 kV  Part 4-1: 2020 Cables for DC charging according to mode 4 of IEC 61851-1 - DC charging without use of a thermal management system | **SLS 1809** Charging cables for electric vehicles for rated voltages up to and including 0.6/1 kV  Part 4-1: 2024 Cables for DC charging according to mode 4 of IEC 61851-1 - DC charging without use of a thermal management system |
| IEC 62893 Charging cables for electric vehicles for rated voltages up to and including 0.6/1 kV  Part 4-2: 2021 Cables for DC charging according to mode 4 of IEC 61851-1 - Cables intended to be used with a thermal management system | **SLS 1809** Charging cables for electric vehicles for rated voltages up to and including 0.6/1 kV  Part 4-2: 2024 Cables for DC charging according to mode 4 of IEC 61851-1 - Cables intended to be used with a thermal management system |

|  |  |
| --- | --- |
| IEC 63110 Protocol for management of electric vehicles charging and discharging infrastructures  Part 1: 2022 Basic definitions, use cases and architectures | **SLS IEC 63110** Protocol for management of electric vehicles charging and discharging infrastructures  Part 1: 2024 Basic definitions, use cases and architectures |
| IEC 63119 Information exchange for electric vehicle charging roaming service  Part 1: 2019 General | **SLS IEC 63119** IEC 63119 Information exchange for electric vehicle charging roaming service  Part 1: 2024 General |
| IEC 63119 Information exchange for electric vehicle charging roaming service  Part 2: 2022 Use Cases | **SLS IEC 63119** Information exchange for electric vehicle charging roaming service  Part 2: 2024 Use Cases |
| IEC PAS 63454: 2022 Conductive charging of electric vehicles – DC vehicle coupler configuration GG | **SLS 1811**: 2024 Conductive charging of electric vehicles – DC vehicle coupler configuration GG |
| ISO 15118 Road Vehicles - Vehicle to grid communication interface  Part 1: 2019 General Information and use case definition | SLS ISO 15118 Road Vehicles - Vehicle to grid communication interface  Part 1: 2024 General Information and use case definition |
| ISO 15118 Road Vehicles - Vehicle to grid communication interface  Part 2: 2014 Network and application protocol requirements | SLS ISO 15118 Road Vehicles - Vehicle to grid communication interface  Part 2: 2024 Network and application protocol requirements |
| ISO 15118 Road Vehicles - Vehicle to grid communication interface  Part 3: 2015 Physical and data link layer requirements | SLS ISO 15118 Road Vehicles - Vehicle to grid communication interface  Part 3: 2024 Physical and data link layer requirements |
| ISO 15118 Road Vehicles - Vehicle to grid communication interface  Part 4: 2018 Network and application protocol conformance test | SLS ISO 15118 Road Vehicles - Vehicle to grid communication interface  Part 4: 2024 Network and application protocol conformance test |
| ISO 15118 Road Vehicles - Vehicle to grid communication interface  Part 5: 2018 Physical and data link layer conformance test | SLS ISO 15118 Road Vehicles - Vehicle to grid communication interface  Part 5: 2024 Physical and data link layer conformance test |

|  |  |
| --- | --- |
| ISO 15118 Road Vehicles - Vehicle to grid communication interface  Part 8: 2020 Physical and data link layer requirements for wireless communication | SLS ISO 15118 Road Vehicles - Vehicle to grid communication interface  Part 8: 2024 Physical and data link layer requirements for wireless communication |
| ISO 15118 Road Vehicles - Vehicle to grid communication interface  Part 9: 2022 Physical and data link layer conformance test for wireless communication | SLS ISO 15118 Road Vehicles - Vehicle to grid communication interface  Part 9: 2024 Physical and data link layer conformance test for wireless communication |
| ISO 15118 Road Vehicles - Vehicle to grid communication interface  Part 20: 2022 2nd Generation network layer and application layer requirements | SLS ISO 15118 Road Vehicles - Vehicle to grid communication interface  Part 20: 2024 2nd Generation network layer and application layer requirements |