



**EXHIBIT 100.12** EV supply equipment and a connection to a vehicle.

equipment and does not include charging equipment installed on the vehicle. See Exhibit 100.12 for an EV charging station at a business and a vehicle connector plugged into a vehicle.

**Electrical Circuit Protective System.** A system consisting of components and materials intended for installation as protection for specific electrical wiring systems with respect to the disruption of electrical circuit integrity upon exterior fire exposure. (CMP-16)

**N Electrical Datum Plane.** A specified vertical distance above the normal high-water level at which electrical equipment can be installed and electrical connections can be made. (CMP-7)

Throughout Article 555, the physical location of electrical equipment is referenced to the electrical datum plane, which is used as a horizontal benchmark on land and on floating piers. The definition of the term *electrical datum plane* encompasses areas subject to tidal movement and areas in which the water level is affected only by conditions such as climate (rain or snowfall) or by human intervention (the opening or closing of dams and floodgates). In either case, the term covers the normal highest water level, such as astronomical high tides. The term does not cover extremes due to natural or manmade disasters.

**N Electrical Ducts.** Electrical conduits, or other raceways round in cross section, that are suitable for use underground or embedded in concrete. (CMP-6)

**N Electrical Life Support Equipment.** Electrically powered equipment whose continuous operation is necessary to maintain a patient's life. [99:3.3.45] (517) (CMP-15)

**Δ Electrical Resistance Trace Heating “60079-30-1”.** Type of protection for the purpose of producing heat on the principle of electrical resistance and typically composed of one or more metallic conductors and/or an electrically conductive material, suitably electrically insulated and protected. (CMP-14)

Informational Note: See ANSI/UL 60079-30-1, *Explosive Atmospheres — Part 30-1: Electrical Resistance Trace Heating — General and Testing Requirements*, for additional information.

**N Electrically Connected.** A connection capable of carrying current as distinguished from connection through electromagnetic induction. (668) (CMP-12)

**N Electrified Truck Parking Space.** A truck parking space that has been provided with an electrical system that allows truck operators to connect their vehicles while stopped and to use off-board power sources in order to operate on-board systems such as air conditioning, heating, and appliances, without any engine idling. (626) (CMP-12)

Informational Note: An electrified truck parking space also includes dedicated parking areas for heavy-duty trucks at travel plazas, warehouses, shipper and consignee yards, depot facilities, and border crossings. It does not include areas such as the shoulders of highway ramps and access roads, camping and recreational vehicle sites, residential and commercial parking areas used for automotive parking or other areas where ac power is provided solely for the purpose of connecting automotive and other light electrical loads, such as engine block heaters, and at private residences.

**N Electrified Truck Parking Space Wiring Systems.** All of the electrical wiring, equipment, and appurtenances related to electrical installations within an electrified truck parking space, including the electrified parking space supply equipment. (626) (CMP-12)

**N Electrolyte.** The medium that provides the ion transport mechanism between the positive and negative electrodes of a cell. (CMP-13)

**N Electrolytic Cell.** A tank or vat in which electrochemical reactions are caused by applying electric energy for the purpose of refining or producing usable materials. (668) (CMP-12)

**N Electrolytic Cell Line Working Zone.** The space envelope wherein operation or maintenance is normally performed on or in the vicinity of exposed energized surfaces of electrolytic cell lines or their attachments. (668) (CMP-12)

**N Electronic Power Converter.** A device that uses power electronics to convert one form of electrical power into another form of electrical power. (CMP-4)

Informational Note: Examples of electronic power converters include, but are not limited to, inverters, dc-to-dc converters, and electronic charge controllers. These devices have limited current capabilities based on the device ratings at continuous rated power.

**N Electronically Protected.** A motor provided with electronic control that is an integral part of the motor and protects the motor against dangerous overheating due to failure of the electronic control, overload, and failure to start. (430) (CMP-11)

**N Emergency Luminaire, Battery-Equipped. (Battery-Equipped Emergency Luminaire)** A luminaire with a rechargeable battery, a battery charging means, and an automatic load control relay. (CMP-13)

**N Emergency Luminaire, Directly Controlled. (Directly Controlled Emergency Luminaire)** A luminaire supplied by the facility emergency power system and with a control input for