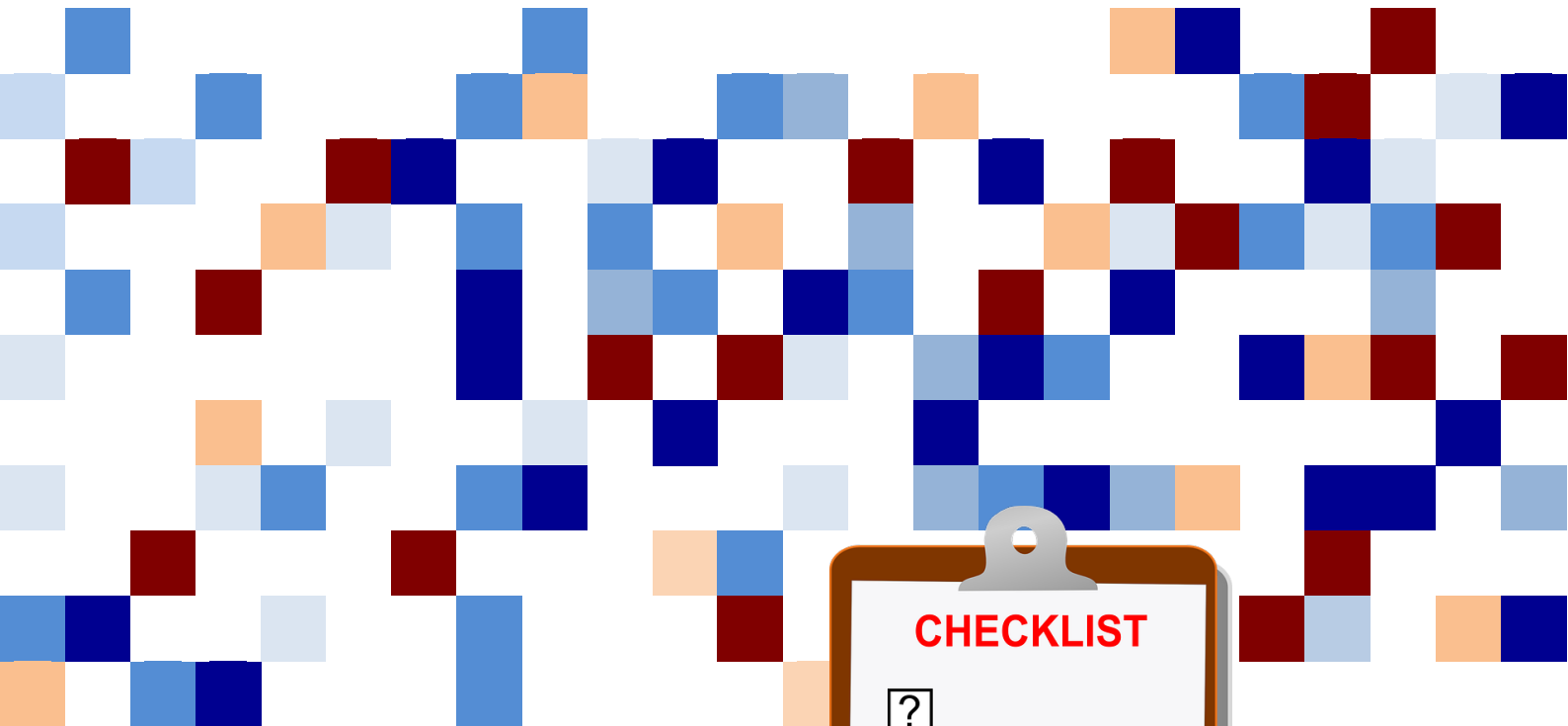


US Market - Code of Federal Regulation Checklist





Manufacturing Equipment for the US Market

1. United States legal framework

- 1.1. The Occupational Safety and Health Act of 1970 (OSH Act) is the umbrella law under which the CFR (Code of Federal Regulation) and the OSHA standards are applied.
- 1.2. There are two routes to compliance that can be applied to equipment. The first route involves an NRTL (Nationally Recognized Testing Laboratory) and the second is very similar to the European self-declaration scheme, although it is applicable only to equipment designed and manufactured for a designated installation site.

2. NRTL route

- 2.1. Most of the products exported onto the US market shall be inspected and certified by a US NRTL, an organization recognized by OSHA.
- 2.2. An NRTL will verify that the product and its documentation complies with the Code of Federal Regulation number 29:
 - Code of Federal Regulation – Title 29¹
 - Chapter XVII - Occupational Safety and Health Administration, Department of Labor;
 - Standard 1910: General Industry;
 - Subpart S: Electrical;
 - 1910.303 General.

3. Self-declaration route

- 3.1. This route is applicable for products designed and manufactured for a specific installation site.
- 3.2. This procedure is accepted by the Code of Federal Regulation number 29 provided that the products meet the definition of “acceptable”:

¹ https://www.dol.gov/general/cfr/title_29

Checklist

Applicable	References to drawings, assessment/ test reports, specifications, technical documents and other applicable evidence.	<p style="text-align: center;">https://osha.gov/pls/oshaweb/owastand.display_standard_group?p_toc_level=1&p_part_number=1910</p> <p style="text-align: center;">(Sections not included below have been reviewed and removed as inapplicable)</p>	Comments (will not be printed)
x		Subpart S—Electrical	
x		Authority: 29 U.S.C. 653, 655, 657; Secretary of Labor's Order No. 8-76 (41 FR 25059), 1-90 (55 FR 9033), 5-2002 (67 FR 65008), 5-2007 (72 FR 31160), or 1-2012 (77 FR 3912), as applicable; and 29 CFR Part 1911.	
x		GENERAL	
x		1910.301 Introduction.	
x		This subpart addresses electrical safety requirements that are necessary for the practical safeguarding of employees in their workplaces and is divided into four major divisions as follows:	
x		(a) Design safety standards for electrical systems. These regulations are contained in §§1910.302 through 1910.330. Sections 1910.302 through 1910.308 contain design safety standards for electric utilization systems. Included in this category are all electric equipment and installations used to provide electric power and light for employee workplaces. Sections 1910.309 through 1910.330 are reserved for possible future design safety standards for other electrical systems.	
x		(b) Safety-related work practices. These regulations will be contained in §§1910.331 through 1910.360.	
x		(c) Safety-related maintenance requirements. These regulations will be contained in §§1910.361 through 1910.380.	
x		(d) Safety requirements for special equipment. These regulations will be contained in §§1910.381 through 1910.398.	
x		(e) Definitions. Definitions applicable to each division are contained in §1910.399.	
x		[46 FR 4056, Jan. 16, 1982; 46 FR 40185, Aug. 7, 1981]	
x		DESIGN SAFETY STANDARDS FOR ELECTRICAL SYSTEMS	
x		Source: Sections 1910.302 through 1910.308 appear at 72 FR 7190, Feb. 14, 2007, unless otherwise noted.	
x		1910.302 Electric utilization systems.	
x		Sections 1910.302 through 1910.308 contain design safety standards for electric utilization systems.	
x		(a) Scope	
x		(1) Covered. The provisions of §§1910.302 through 1910.308 cover electrical installations and utilization equipment installed or used within or on buildings, structures, and other premises, including:	
x		(i) Yards;	
x		(ii) Carnivals;	
x		(iii) Parking and other lots;	
x		(iv) Mobile homes;	
x		(v) Recreational vehicles;	
x		(vi) Industrial substations;	
x		(vii) Conductors that connect the installations to a supply of electricity; and	
x		(viii) Other outside conductors on the premises.	
x		(2) Not covered. The provisions of §§1910.302 through 1910.308 do not cover:	
x		(i) Installations in ships, watercraft, railway rolling stock, aircraft, or automotive vehicles other than mobile homes and recreational vehicles;	
x		(ii) Installations underground in mines;	
x		(iii) Installations of railways for generation, transformation, transmission, or distribution of power used exclusively for operation of rolling stock or installations used exclusively for signaling and communication purposes;	
x		(iv) Installations of communication equipment under the exclusive control of communication utilities, located outdoors or in building spaces used exclusively for such installations; or	
x		(v) Installations under the exclusive control of electric utilities for the purpose of communication or metering; or for the generation, control, transformation, transmission, and distribution of electric energy located in buildings used exclusively by utilities for such purposes or located outdoors on property owned or leased by the utility or on public highways, streets, roads, etc., or outdoors by established rights on private property.	
x		(b) Extent of application	