This list is provided to clarify the EH&S specifications which may apply to the different countries for equipment builder and supply some of the links to obtain more information on these requirements. Please refer to the most current version of the standards below.

					AP		EMEA		Mexico	SA		US
	Specification	Reference documents for further details	**Legal Reqmt's**	**All Regions**	**China**	**Singapore**	**Other Countries**	**EU**	**All Regions**	**Brazil**	**Argentina**	**All States**
2004/108/EC	**2004/108/EC electromagnetic compatibility (EMC)**		X					X				
2006/104/EC	**2006/104/EC Use of Work Equipment Directive**		X					X				
2009/95/EC	**2009/95/EC electrical equipment designed for use within certain voltage limits (LVD)**		X					X				
2009/125/EC	**2009/125/EC Eco design requirements for energy-related products**	X						X				
2006/42/EC	**2006/42/EC Machinery Directive (MD)**		X					X				
94/9/EC	**94/9/EC ATEX 95**	X						X				
97/23/EC	**97/23/EC Pressure Equipment**	X						X				
99/92/EC	**99/92/EC ATEX 137**	X						X				
ANSI B11	**ANSI B11 Standards for Machine Tools**	X										X
ANSI B11.TR1	**ANSI B11.TR1 Ergonomic Guidelines**	X										X

					AP		EMEA		Mexico	SA		US
	Specification	Reference documents for further details	**Legal Reqmt's**	**All Regions**	**China**	**Singapore**	**Other Countries**	**EU**	**All Regions**	**Brazil**	**Argentina**	**All States**
ANSI Z136.1.	American National Standards for Safe Use of Lasers ANSI Z136.1. (Any modification to a certified laser will require re-certification.)	X										X
ANSI Z244.1-2003	**ANSI Z244.1-2003 Control of Hazardous Energy Lockout Tag out and Alternative Methods**	X										X
ANSI/AIAH Z10-2012	**ANSI/AIAH Z10-2012 Occupational Health and Safety Management Systems**	X										X
CCC	**CCC Safety Requirements for Equipment and Machinery The CCC Mark (China Compulsory Certification mark)** is required for a wide range of products sold in the Peoples Republic of China. The product list includes 19 product groups and a total of 132 product categories.		X		X							
CE	CE Marking Requirements: **Safety Requirements for Equipment and Machinery http://ec.europa.eu/enterprise/sectors/mechanical/documents/legislation/machinery/**	X						X				
DA 2001	**DA2001 - Safety Circuits. Archived**	X										
DA 2002	**DA2002 - Hydraulic Fluid Power** (Addem to ISO 4113). **Archived**	X										
DA 2003	**DA2003 - Pneumatic Fluid Power** (Addem to ISO 4114). **Archived**	X										
DA 2004	**DA2004 - Electrical Spec for Industrial Machinery** (Addem to IEC 60204-1 Global Common). **Archived**	X										
DA 2005	**DA2005 - Lean Equipment Controls Design Manual. Archived**	X										

					AP		EMEA		Mexico	SA		US
	Specification	Reference documents for further details	**Legal Reqmt's**	**All Regions**	**China**	**Singapore**	**Other Countries**	**EU**	**All Regions**	**Brazil**	**Argentina**	**All States**
DA 2006	**Delphi Design-In Environmental Health and Safety Specification DA2006 Requires Equipment Risk Assessment Analysis (or equivalent)**			X								
DA 2101	**DA2101 - Guideline for Presence Sensing Devices Using Light Curtains. Archived**	X										
DA 2102	**DA2102 - Guidelines for Guard Doors w/Solenoid Locking in a Control Reliable Circuit. Archived**	X										
DA 2103	**DA2103 - Guideline for Muting Two Hand Controls in a Control Reliable Circuit. Archived**	X										
DEG	**Delphi Design-In Ergonomics Specifications / Guidelines**			X								
ECCN	**Export Control Classification Number ECCN**		X	X								
EN 574	**EN 574 Two hand control design**	X						X				
EN 60204-1	**EN 60204-1 Safety of Machinery — Electrical Equipment of Machines**	X						X				
EN 60204-1	**EN 60204-1 Electrical Equipment of Machines: Part 1: General Requirements. (also request a type "C" standard for specific machinery)**	X						X				
EN 61496-1	**EN 61496-1 Light Curtain Controls**	X										

					AP		EMEA		Mexico	SA		US
	Specification	Reference documents for further details	**Legal Reqmt's**	**All Regions**	**China**	**Singapore**	**Other Countries**	**EU**	**All Regions**	**Brazil**	**Argentina**	**All States**
EN 894	**EN 894 Safety of Machinery -Ergonomics Requirements**	X										
EN 953	**EN 953 Guarding**	X						X				
EN IEC 61508	**EN IEC 61508 Functional Safety**	X						X				
EN IEC 62061	**EN IEC 62061 Machinery**	X						X				
EN ISO 13849	**EN ISO 13849 Protective Devices**	X										
EN ISO 13850	**Emergency Stop Devices**	X										
EN ISO 13855	**EN ISO 13855 Positioning of Safety Equipment Safe Distances**	X	x					X				
EN ISO 13856	**EN ISO 13856**	X	x					X				
EN ISO 13857	**EN ISO 13857 Safe Distances**	X	x					X				
EN ISO 14121	**Risk Assessment (Previously EN 1050)**	X										
IRAM	IRAM: Argentina has a mandatory compliance law - Resolution 92/98 - which applies to electronic and electrical equipment and is enforced through a mandatory certification system provided by accredited organizations. Electrical & electronic equipment that meet Argentina's requirements are certified by IRAM and must carry the S-Mark, a mandatory Argentinean safety mark.		X								X	

					AP		EMEA		Mexico	SA		US
	Specification	Reference documents for further details	**Legal Reqmt's**	**All Regions**	**China**	**Singapore**	**Other Countries**	**EU**	**All Regions**	**Brazil**	**Argentina**	**All States**
ISO 12100-1	**ISO 12100-1 Safety of Machinery -part 1 and 2**	X		X								
ISO 13849-1	**ISO 13849-1 Safety of Machinery -Related Parts of Control Systems: Part 1 General Principles for Design**	X		X								
ISO 13849-1 (EN1760-1)	**ISO 13849-1 (EN1760-1) Safety of Machinery - Pressure-Sensitive Protective Devices: General Principles for Design and Testing**	X		X								
ISO 13851 (EN 574)	**ISO 13851 (EN 574) safety requirements of a type of safety device called a two-hand control device**	X		X								
ISO 14001	**ISO14001**	X		X								
ISO 14119-2	**ISO14119-2 (replaces EN1088) Dec 2013**	X						X				
ISO 4413	**ISO 4413 Hydraulic Standard**	X		X								
ISO 4414	**ISO 4414 Pneumatic Standard**	X		X								
ISO 8573-1	**ISO 8573-1: Compressed air – Part 1: Contaminants and purity classes: current version**	X		X								
NFPA -70	NFPA -70 National Electric Code		X									X
NFPA 79	NFPA 79 Electrical Standard for Industrial Machinery 2012 edition		X									X

					AP		EMEA		Mexico	SA		US
	Specification	Reference documents for further details	**Legal Reqmt's**	**All Regions**	**China**	**Singapore**	**Other Countries**	**EU**	**All Regions**	**Brazil**	**Argentina**	**All States**
NOM-004-STPS-1999	NOM-004-STPS-1999 **Safety Requirements for Equipment and Machinery** The Mexican government requires that all electronic products be tested for safety in Mexico for the mandatory NOM Mark (Normality of Mexico). Only test reports accredited by SINALP (Sistema Nacional de Acreditamieno de Laboratorios de Pruebas), National System of Accreditation of Testing Laboratories, are accepted.		X						X			
NOM-005-STPS-1998	NOM-005-STPS-1998: Related to safety and hygiene handling, transportation, and storage of dangerous chemical substances		X						x			
NOM-011-STPS-2001	NOM-011-STPS-2001: safety and health conditions at working place were noise is generated.		X						x			
NOM-017-STPS-2008	NOM-017-STPS-2008: personal protective equipment, selection, use and management at the workplace		X						x			
NOM-022-STPS-2008	NOM-022-STPS-2008: Static electricity at the workplace-Safety conditions		X						x			
NR-12	NR-12 **Safety Requirements for Equipment and Machinery http://freepdfdb.com/pdf/nr-12-brazil or http://www.inmetro.gov.br/barreirastecnicas/ExigenciasTecnicas/documentos/BRA/maquinas_br.pdf**		X							X		
OSHA 29 CFR 1910	OSHA 29 CFR 1910		X									X
OSHAS 18001	OSHAS 18001	X		X								
SL1	**Delphi Sound Level Specifications DAS-SL 1.0**			X								
ESD C-9000	**Delphi ESD Engineering Specification** (Electronics and Safety C-9000 or other Divisions equivalent)			X								

					AP		EMEA		Mexico	SA		US
	Specification	Reference documents for further details	**Legal Reqmt's**	**All Regions**	**China**	**Singapore**	**Other Countries**	**EU**	**All Regions**	**Brazil**	**Argentina**	**All States**
Process Control	**Fundamental Statistical Process Control Reference Manual** (published by Automotive Industry Action Group, phone 313-358-3570)	X										
Machinery Qualification / Equip EHS buyoff	**Delphi Equipment Buyoff Checklist Machine Qualification** (Electronics and Safety MFGE 209.01A or Thermal ME 3.9.4-2) or other divisions equivalent			X								
Light Tower	**Delphi Light Tower Specifications** (Electronics and Safety rev. 1.2 or other Divisions equivalent)	X		X								
Singapore	PSB **Safety Requirements for Equipment and Machinery**	X			X	X		X	X	X		
ANSI	Applicable ANSI Safety Standards - American National Standards Institute	X										X
ANSI B11.1	**ANSI B11.1**	X										X
ANSI B11.2	**ANSI B11.2**	X										X
ANSI B11.3	**ANSI B11.3**	X										X
ANSI B11.19	**ANSI B11.19**	X										X
SMEMA	SMEMA Mechanical and Communications Standards IPC	X										