

2022.H2 Safety Regulation Update

Market Category	International Standard	EU Standard	US Standard
ITE/AV	IEC 62368-1:2014 (2.0)	EN 62368-1:2014 EN 62368-1:2014+A11:2017 (Withdrawal) Cenelec: 2023-01-06 OJ: ---	UL 62368-1:2014
	IEC 62368-1:2018 (3.0)	EN IEC 62368-1:2020 EN IEC 62368-1:2020+A11:2020	UL 62368-1:2021
	IEC 62368-1:2022 (4.0)	---	---
Medical	IEC 60601-1:2005+A1:2012 (3.1)	EN 60601-1:2006+A11+A1+A12:2014 (Withdrawal) Cenelec: 2024-10-08	ANSI/AAMI ES60601-1: 2005/A1:2012 (Withdrawal) FDA: 2023-12-17
	IEC 60601-1:2005+A2:2020 (3.2)	EN 60601-1:2006+A2:2021	ANSI/AAMI ES60601-1: 2005/A2:2021
	IEC 60601-1-11:2015 (2.0)	EN 60601-1-11:2015 (Withdrawal) Cenelec: 2024-07-16	ANSI/AAMI HA60601-1-11:2015
	IEC 60601-1-11:2015+A1:2020 (2.1)	EN 60601-1-11:2015+A1:2021	ANSI/AAMI HA60601-1-11:2015/A1:2021

■ Applying Standard

■ 2023 Not plan

■ Will be proceed by 2023 Q2

2022.H2 Safety Regulation Update

Market Category	International Standard	EU Standard	US Standard
Household	IEC 60335-1:2010+A1+A2:2016 (5.2)	EN 60335-1:2012+A1+A2+A14:2019 (Withdrawal) OJ: 2023-06-21 Cenelec: 2024-03-01	UL 1012:2010 (8 th) UL 1310:2018 (7 th) (non-harmonized with IEC/EN standard)
	IEC 60335-1:2020 (6.0)	EN 60335-1:2012+A15:2021 EN IEC 60335-1:2022	
	IEC 60335-2-29:2016 (5.0)	EN 60335-2-29:2004+A11:2018 (Withdrawal) OJ: 2023-11-10 Cenelec: 2024-11-15	
	IEC 60335-2-29:2016+A1:2019 (5.1) IEC 60335-2-29:2022 (6.0)	EN 60335-2-29:2021+A1:2021	
	IEC 60335-2-89:2010+A2:2015 (2.2)	EN 60335-2-89:2010+A2:2017 (Withdrawal) Cenelec: 2024-05-04	
	IEC 60335-2-89:2019 (3.0)	EN IEC 60335-2-89:2022	

Applying Standard
 2023 Not plan

2022.H2 Safety Regulation Update

Market Category	International Standard	EU Standard	US Standard
LED	IEC 61347-1:2015 (3.0)	EN 61347-1:2015 (Withdrawal) 2024-01-08	UL 8750:2015 (2 nd) (non-harmonized with IEC/EN standard)
	IEC 61347-1:2015+A1:2017 (3.1)	EN 61347-1:2015+A1:2021	
	IEC 61347-2-11:2001+A1:2017 (1.1)	EN 61347-2-11:2001+A1:2019 prEN IEC 61347-2-11	
	IEC 62384:2006+A1:2009 (1.1)	EN 62384:2006+A1:2009 (Withdrawal) 2023-06-17	---
	IEC 62384:2020 (2.0)	EN IEC 62384-1:2020	
SPD	IEC 61643-11:2011 (1.0)	EN 61643-11:2012+A11:2018 prEN IEC 61643-11	UL 1449:2021 (5 th) (non-harmonized with IEC/EN standard)

 Applying Standard

 Draft standard

 Will be proceed by 2023 Q1

2022.H2 Safety Regulation Update

Market / Category	International Standard	EU Standard	US Standard
Fire protection on railway vehicles	---	EN 45545-2:2020 COMMISSION REGULATION (EU) No 1302/2014	---
Industrial Automation	IEC 61558-1:2017 (3.0)	EN IEC 61558-1:2019	UL 508:2018 (17 th) UL 61010-1:2012 (3 rd) UL 61010-2-2018 (2 nd) (non-harmonized with IEC/EN standard)
	IEC 61558-2-16: 2009+A1:2013 (1.1) IEC 61558-2-16: 2021 (2.0)	EN 61558-2-16:2009+A1:2013 FprEN IEC 61558-2-16:2021	

 Applying Standard

 Draft standard