

Hardwarematrix for EMC

Table of all required hardware and software for each standard

	HW		SW
	APS/LVA	AIS	EMC
Standards			
DNV-CG-0339 Edition August 2021	X		X
DNVGL-CG-0339 Edition December 2019	X		X
IEC 60146-1-1 Edition 4.0 2009-06	X		X
IEC 60146-1-1 Edition 5.0 2024-03	X		X
IEC 60947-2 Edition 5.1 2019-07	X		X
IEC 61000-2-2 Edition 2.2 2018-05	X		X
IEC 61000-3-2 Edition 4.0 2014-05	X	X	X
IEC 61000-3-2 Edition 5.0 2018-01	X	X	X
IEC 61000-3-2 Edition 5.1 2020-07	X	X	X
IEC 61000-3-2 Edition 5.2 2024-03	X	X	X
IEC 61000-3-3 Edition 3.1 2017-05	X	X	X
IEC 61000-3-3 Edition 3.2 2021-03	X	X	X
IEC 61000-3-11 Edition 2.0 2017-04	X	X	X
IEC 61000-3-12 Edition 2.0 2011-05	X	X	X
IEC 61000-3-12 Edition 2.1 2021-06	X	X	X
IEC 61000-4-8 Edition 2.0 2009-09 ¹⁾	X		X
IEC 61000-4-11 Edition 2.0 2004-03 ²⁾	X		X
IEC 61000-4-11 Edition 2.1 2017-05 ²⁾	X		X
IEC 61000-4-11 Edition 3.0 2020-01 ²⁾	X		X
IEC 61000-4-13 Edition 1.1 2009-07	X		X
IEC 61000-4-13 Edition 1.2 2015-12	X		X
IEC 61000-4-14 Edition 1.2 2009-08	X		X
IEC 61000-4-17 Edition 1.2 2009-01	X		X
IEC 61000-4-27 Edition 1.1 2009-04	X		X
IEC 61000-4-28 Edition 1.2 2009-04	X		X
IEC 61000-4-29 Edition 1.0 2000-08 ³⁾	X		X
IEC 61000-4-34 Edition 1.1 2009-11 ²⁾	X		X
IEC 61131-2 Edition 3.0 2007-07	X		X
IEC 61131-2 Edition 4.0 2017-08	X		X
IEC 61496-1 Edition 3.0 2012-04	X		X

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IEC 61496-1 Edition 4.0 2020-07	X		X
IEC 61800-3 Edition 2.1 2012-03	X		X
IEC 61800-3 Edition 3.0 2017-02	X		X
IEC 61800-3 Edition 4.0 2022-11	X		X
IEC 62040-2 Edition 2.0 2005-10	X		X
IEC 62040-2 Edition 3.0 2016-11	X		X
IEC TR 61547-1 Edition 2.0 2017-10	X		X
IEC TR 61547-1 Edition 3.0 2020-07	X		X
SEMI F47 2006-07	X		X

Note:

- ¹⁾ Magnetic field coil is required
- ²⁾ ICS is required if the source is not capable of delivering the required high current peaks
- ³⁾ For high impedance tests EPS 200/4-29 is required