

## Hazardous Location Electrical Equipment Standards

Build Date	MODUs, FOFs, Vessels conducting OCS Activities & Vessels carrying Flammable/Combustible Cargo	46 CFR Subchapter L OSVs < 6,000 GT ITC (500 GRT)	46 CFR Subchapter L OSVs ≥ 6,000 GT ITC (500 GRT)
<b>On/before April 2, 2018</b>	NFPA 70 (9 <sup>th</sup> Ed.; 2002) Art. 500-505 or IEC 60079 series (-0, Ed. 3.1, 2000; -1, 4 <sup>th</sup> Ed., 2001; -2 4 <sup>th</sup> Ed., 2001; -5, 2 <sup>nd</sup> Ed., 1997; -6, 2 <sup>nd</sup> Ed., 1995; -7, 3 <sup>rd</sup> Ed., 2001; -11, 4 <sup>th</sup> Ed., 1999; -15, 2 <sup>nd</sup> Ed., 2001; and -18, 1 <sup>st</sup> Ed., 1992) for FOFs U.S. MODUs and vessels IAW <a href="#">46 CFR 111.105</a>	-	-
<b>April 3, 2018 thru April 16, 2023</b>	NFPA 70 (2011 Ed.) Art. 500-504 or NFPA 70 (2011 Ed.) Art. 505 or Clause 6 of IEC 61892-7 (2007 Ed.) for FOFs and U.S. and foreign vessels on the OCS; Chapter 6 of 2009 MODU Code ( <b>unamended</b> ; 2010 Ed.) for U.S. and foreign MODUs; or Clause 6 of IEC 60092-502 (5 <sup>th</sup> Ed.; 1999) for U.S. tank vessels IAW <a href="#">46 CFR 111.108(b)(1) thru (3)</a>	-	-
<b>On/before August 18, 2014</b>	-	Same as 19Aug2014-16Apr2023	N/A
<b>August 19, 2014 thru April 16, 2023</b>	-	<b>Explosion-Proof Equipment</b> NFPA 70 (9 <sup>th</sup> Ed., 2002) and UL 1203 (3 <sup>rd</sup> Ed., 07Sep2000, incl. revisions thru 30Apr2004) <b>Flame-Proof Equipment</b> IEC 60079-1 (4 <sup>th</sup> Ed.; Jun 2001) <b>Intrinsically Safe Equipment</b> UL 913 (7 <sup>th</sup> Ed., 31Jul2006, incl. revisions thru 03Jun2010) or IEC 60079-11 (4 <sup>th</sup> Ed., 1999) (for approved components); <b>and</b> ISA RP 12.6 (1999 Ed., Part 1) (for wiring methods) IAW <a href="#">46 CFR 111.105</a> via <a href="#">§129.520</a>	NFPA 70 (2011 Ed.) Art. 500-504 or NFPA 70 (2011 Ed.) Art. 505 or IEC 60092-502 (5 <sup>th</sup> Ed.; 1999) IAW <a href="#">46 CFR 111.106(b)(1) thru (3)</a>  Note: There was no regulatory provision/allowance for ≥ 6,000 GT ITC (500 GRT) Subchapter L OSVs prior to this date.
<b>On/after April 17, 2023</b> (incorporated references updated by <a href="#">88 FR 16310</a> )	NFPA 70 (2017 Ed.) Art. 500-504 or NFPA 70 (2017 Ed.) Art. 505 or Clause 8 of IEC 61892-7 (2019 Ed.) for FOFs and U.S. and foreign vessels on the OCS; Chapter 6 of 2009 MODU Code ( <b>unamended</b> ; 2010 Ed.) for U.S. and foreign MODUs; or Clause 6 of IEC 60092-502 (5 <sup>th</sup> Ed.; 1999) for U.S. tank vessels IAW <a href="#">46 CFR 111.108(b)(1) thru (3)</a>	<b>Explosion-Proof/Flame-Proof Equipment</b>  <b>Post-IBR regulatory path for non-intrinsically safe systems points to removed/reserved cites (broken regulatory link pending correction)</b> <b>Intrinsically Safe Equipment</b> NFPA 70 (2017 Ed.) 504.10(A) (for plans); ANSI/ISA RP 12.06.01 (2003 Ed.) (wiring methods) <b>and</b> NFPA 70 (2017 Ed.) Article 504 or Clause 7 of IEC 60092-502 (5 <sup>th</sup> Ed.; 1999) IAW <a href="#">46 CFR 111.105</a> via <a href="#">§129.520</a>	NFPA 70 (2017 Ed.) Art. 500-504 or NEC 70 (2017 Ed.) Art. 505 or IEC 60092-502 (5 <sup>th</sup> Ed.; 1999) IAW <a href="#">46 CFR 111.106-3(b)(1) thru (3)</a>