

**RULES
FOR THE CLASSIFICATION OF
SHIPS**

*Part 8 – PIPING
January 2021*

*Amendments No. 1
January 2022*

CROATIAN REGISTER OF SHIPPING

Hrvatska (Croatia) • 21000 Split • Marasovića 67 • P.O.B. 187
Tel.: (...) 385 (0)21 40 81 11
Fax.: (...) 385 (0)21 35 81 59
E-mail: tech.coord@crs.hr
web site: www.crs.hr

By the decision of the General Committee of Croatian Register of Shipping,

Amendments No. 1 to the
RULES FOR THE CLASSIFICATION OF SHIPS
Part 8 – PIPING

have been adopted on 20th December 2021 and shall enter into force on 1st January 2022

INTRODUCTORY NOTES

These amendments shall be read together with the requirements in the Rules for the Classification of Ships, Part 8 – Piping, edition January 2021.

Table 1 contains review of amendments, where items changed or added in relating to previous edition are given, with short description of each modification or addition. All major changes throughout the text are shaded.

This Part of the Rules includes the requirements of the following international Organisations:

International Maritime Organization (IMO)

Conventions: International Convention for the Safety of Life at Sea 1974 (SOLAS 1974) and all subsequent amendments up to and including the 2017 amendments (MSC.421(98))
 Protocol of 1988 relating to the International Convention for the Safety of Life at Sea 1974, as amended (SOLAS PROT 1988)
 International Convention on Load Lines, 1966, as modified by the 1988 Protocol relating thereto and all amendments up to and including 2003 amendments adopted by resolution MSC.143(77)
 International Convention for the Prevention of Pollution from Ships 1973, as modified by the Protocol of 1978 relating thereto (MARPOL 73/78) and all subsequent amendments up to and including the 2018 amendments (MEPC.301(72))

International Association of Classification Societies (IACS)

Unified Requirements (UR): E8 (1996), F2 (1999), F8 (1989), F15 (1996), F16 (2000), F21 (1974), F22 (1974), F24 (1998), F26 (2000), F33 (1981), F35 (2005), F39 (1999), F41 (1993), F42 (1995), F44 (2010), M11 (1972), M24 (1976), M45 (2011), M57 (1993), M61 (2003), M64 (2004), M65 (2004), M74 (May 2016), M75 (Jan 2021), P1 (2001), P2.1 (Nov 2001), P2.2 (Nov 2001), P2.3 (Nov 2001), P2.4 (1974), P2.5 (Nov 2001), P2.6 (1987), P2.7 (Nov 2001), P2.8 (Nov 2001), P2.7.4 (Oct 2018), P2.8 (Nov 2001), P2.9 (1987), P2.10 (Nov 2001), P2.11 (Mar 2016), P2.12 (Mar 2016), P2.13 (Oct 2018), P3 (Jan 2016), P4 (Dec 2018)

Unified Interpretations (UI): SC56, SC57, SC58, SC 64 (2005), SC99 (2005), SC111 (1995), SC118, SC123 (Rev.3, reinstated Nov 2019), SC140 (1998), SC179 (2011), SC184 (2005), SC 232 (2009), SC 243 (2012), SC251 (2011), SC 255 (Cor.1 2013), MPC87 (Jan 2007), LL10 (2008), LL11 (2008), LL36 (2008), LL49 (2008), LL52 (2008), LL58 (2008)

Recommendations (Rec.): Rec. 100 (2008)

TABLE 1 – REVIEW OF AMENDMENTS

This review comprises amendments in relation to the Rules for the Classification of Ships, Part 8 – Piping, edition January 2021.

<i>ITEM</i>	<i>DESCRIPTION OF THE AMENDMENTS</i>
SECTION 7 - VENTILATION SYSTEM	
Item 7.5.14	Item has been amended due to inclusion of IACS UR M75, Rev.1

7 VENTILATION SYSTEM

■ **Head 7.5 VENTILATION OF MACHINERY SPACES AND TUNNELS**, item 7.5.14 has been amended and should be read as follows:

7.5.14 The following requirements apply to closable ventilation louvers and ventilator closing appliances serving emergency generator rooms, where fitted (IACS UR M75):

- .1 Ventilation louvers and closing appliances may either be hand-operated or power-operated (hydraulic / pneumatic / electric) and are to be operable under a fire condition.
- .2 Hand-operated ventilation louvers and closing appliances are to be kept open during normal operation of the ship. Corresponding instruction plates are to be provided at the location where hand-operation is provided.
- .3 Power-operated ventilation louvers and closing appliances shall be of a fail-to-open type. Closed power-operated ventilation louvers and closing appliances are acceptable during normal operation of the ship. Power-operated ventilation louvers and closing appliances shall open automatically whenever the emergency generator is starting / in operation.
- .4 It shall be possible to close ventilation openings by a manual operation from a clearly marked safe position outside the space where the closing operation can be easily confirmed. The louver status (open / closed) shall be indicated at this position. Such closing shall not be possible from any other remote position.