

# MSC Guidelines for Review of Control Verification Examination (CVE) Plans

Procedure Number: H2-21

Revision Date: 4/14/00

---

## References

- a. Navigation and Vessel Inspection Circular (NVIC) 1-93 "Control Verification Examinations (CVE's) of Foreign Passenger Vessels"
  - b. SOLAS Consolidated Edition, 1997; Consolidated Text of the International Convention for the Safety of Life at Sea, 1974, and its Protocol of 1978: articles, annexes and certificates
  - c. 1996 Amendments to SOLAS, Resolutions MSC.47(66) & MSC.57(67)
  - d. SOLAS Guidance Document
- 

## Disclaimer

These guidelines were developed by the Marine Safety Center staff as an aid in the preparation and review of vessel plans and submissions. They were developed to supplement existing guidance. They are not intended to substitute or replace laws, regulations, or other official Coast Guard policy documents. The responsibility to demonstrate compliance with all applicable laws and regulations still rests with the plan submitter. The Coast Guard and the U. S. Department of Transportation expressly disclaim liability resulting from the use of this document.

---

## Contact Information

If you have any questions or comments concerning this document, please contact the Marine Safety Center by e-mail or phone. Please refer to the Procedure Number: H2-21

E-mail: [customerservicemsc@uscg.mil](mailto:customerservicemsc@uscg.mil)

Phone: 202-366-6480.

---

## General Review Guidance

- Check that the following items are included in the submittal package:
  - Information listed in Section 5.a of reference (a).
  - Indicate if vessel is entered in an Outline of Cooperation (OOC).
  - Three copies of the following Flag State approved plans translated in English (four copies if both the owner and flag representative desire copies)
    - Fire Control Plans
    - SFP plans
    - Means of escape plans
    - Barrier Penetration details

# MSC Guidelines for Review of Control Verification Examination (CVE) Plans

Procedure Number: H2-21

Revision Date: 4/14/00

---

- Ensure “A” Class bulkheads, automatic sprinklers, and fire detection are clearly shown on the Fire Control Plan.
- Ensure the length and area of each Main Vertical Zone (MVZ) or horizontal zone on each deck comply with Regulations II-2/3.9 & II-2/24.
- Ensure that steps and recesses of the boundaries of the MVZs are kept to a minimum (Reg II-2/24.1.1). Where recesses do exist, they should preferably be the same on each deck. New ships should have no steps or recesses at all.
- Ensure space classifications and boundaries comply with Regulation II-2/26.
  - Pay particular attention to areas classified as open decks. Regulations II-2/26, 7.4, 12, 14.1 and 36 may be applicable to areas under overhangs on the upper decks, mooring decks, promenades and outdoor restaurants depending on their arrangement.
- Ensure the typical penetration details comply with the requirements of Regulations II-2/16, 30, 31, & 32.
- Ensure that draft stops are in accordance with Regulation II-2/35.
- Ensure compliance with Regulation II-2/29. Most notably, direct access to stairways is prohibited.
- Ensure the Means of Escape (MoE) comply with Regulation II-2/28.
- Ensure the location of the emergency source of electrical power, associated transforming equipment, transitional power source, and emergency switchboards complies with Regulation II-1/42.1.3
- Ensure only furniture and furnishings of fire restricted risk are used in type 6 cabins/offices or type 7 larger public spaces.
- Ensure each sprinkler section has no more than 200 heads, serves no more than two decks and no more than one MVZ, in accordance with Regulation II-2/12.2.1.
- Ensure that the sprinkler pump is not located within a space that is required to be protected by the sprinkler system, in accordance with Regulation II-2/12.6.
- Ensure the watertight doors comply with Regulation I/15, particularly I/15.5, 15.7, 15.11 and 15.12.
- Ensure the number and location of fire pumps comply with Regulation II-2/4.
- Ensure the locations of the bilge pumps comply with Regulation I/21.2
- Ensure muster station, embarkation and survival craft comply with Regulations III/11, 12, 13, 14, 22, 24, and 24-3.