



Australian Government

Australian Maritime Safety Authority

INITIAL SURVEY FIRE SAFETY REPORT

Marine Safety (Domestic Commercial Vessel) National Law Act 2012

Marine Order 503 (Certificates of survey – national law) 2018

National Law – Marine Surveyors Accreditation Guidance Manual 2014

This report is the National Regulator's preferred method for surveyors to monitor and record the *initial construction or alteration - fire safety* survey of a vessel, as specified in the Surveyor Accreditation Guidance Manual – Part 2. It is a minimum set of information expected by the National Regulator, it is not intended to be an exhaustive list.

Survey details

Vessel name

Unique identifier

Fire risk category of vessel

Name of surveyor

Result - In order (✓) / Not In order (✗) / Not Applicable (NA)

Fit out Materials

Example of comments for fit out materials include “BCA compliant”, “FTP code compliant”, “Non-combustible”, “Nitrocellulose Free”.

| Item | Survey checks | ✓/✗/NA | Surveyor Comments/ drawing / document reference |
|---|---|--------|---|
| Insulation materials | Examination and confirmation of material specification Visual inspection of installation | | |
| Verify ceilings, linings & upholstery suitability | Examination and confirmation of material specification Visual inspection of installation | | |
| Verify furniture & bedding suitability | Examination and confirmation of material specification Visual inspection of installation | | |
| Verify draperies & curtains suitability | Examination and confirmation of material specification Visual inspection of installation | | |
| Verify deck finish materials suitability | Examination and confirmation of material specification Visual inspection of installation | | |
| Verify paints, varnishes & similar preparations | Examination and confirmation of material specification Visual inspection of installation | | |

Fire Detection System

| Item | Survey checks | ✓/✗/NA | Surveyor Comments/ drawing / document reference |
|--|--|--------|---|
| Specification of fire detection system and fire alarm system | Examination and confirmation of specification | | |
| Installation of fire detection and fire alarm system | Examine/endorse builders documentation Monitor installation & witness testing | | |

Fixed Extinguishing Fire System

| Item | Survey checks | ✓/✗/NA | Surveyor Comments/ drawing / document reference |
|--|---|--------|---|
| Specification of fixed fire extinguishing system | Examination and confirmation of specification | | |
| Installation of fixed fire extinguishing system | Examination and confirmation of specification Monitor installation & witness testing | | |

Galley Fire Systems – *Small / Large Galley* (strike out as appropriate)

| Item | Survey checks | ✓/✗/NA | Surveyor Comments/ drawing / document reference |
|---|---|--------|---|
| Cooking range | Verify clearances and conduct dimensional check | | |
| Galley exhaust hood & ducting | Visual inspection Dimensional checks | | |
| Restraint for cooking utensils | Visual inspection | | |
| Cooking appliances and equipment specifications | Examine of specification | | |

Doors

| Item | Survey checks | ✓/✗/NA | Surveyor Comments/ drawing / document reference |
|--------------------------------|--|--------|---|
| Fire rating of fire doors | Examination and endorse specification Visual inspection | | |
| Self-closing doors as required | Examine and endorse specification Visual inspection, Test / Trial | | |

Fire Rated Bulkhead - Penetrations

| Item | Survey checks | ✓/✗/NA | Surveyor Comments/ drawing / document reference |
|-------------------|--|--------|---|
| Pipe Penetrations | Examine and endorse specification Visual inspection | | |
| Cable Transits | Examine and endorse specification Visual inspection | | |
| Duct Penetrations | Examine and endorse specification Visual inspection | | |

Structural Fire Protection

| Item | Survey checks | ✓/✗/NA | Surveyor Comments/ drawing / document reference |
|---|---|--------|---|
| Ratings of spaces on vessel | Examine of specification | | |
| Structural fire protection product(s) | Examine and endorse builder documentation Visual inspection of product | | |
| Structural fire protection installation in specified spaces (including thickness, density, pin-spacing) | Monitor installation Dimensional check Visual inspection | | |

Fire Safety Preparedness documentation

| Item | Survey checks | ✓/✗/NA | Surveyor Comments/ drawing / document reference |
|---------------------------------|--|--------|---|
| Fire control plan | Examination and confirmation of fire control plan Visual inspection to ensure vessel is built and equipment arranged as per plan | | |
| Fire training manual | All elements of Clause 6.3 of NSCV C4 provided to allow vessel owner/ operator to develop training manual. | | |
| Fire safety operational booklet | Information in accordance with Clause 6.3 of NSCV C4 provided to allow operator to develop their fire safety operational booklet to meet 6.4 requirements. | | |

Dangerous goods

| Item | Survey checks | ✓/✗/NA | Surveyor Comments/ drawing / document reference |
|----------------------------------|---|--------|---|
| Dangerous goods check | <u>In survey comments area</u> Indicate if vessel will carry any dangerous goods and if DGV 1 or DGV 2 Indicate type, class and UN number | | |
| Vessel construction confirmation | Verify that vessel has been built to comply with NSCV C4 DG requirements | | |
| Operational | Verify that fire safety documentation referenced above includes IMDG firefighting and emergency procedures | | |

Surveyor's declaration

I declare that:

- I have conducted survey(s) as indicated, of the above mentioned vessel, in accordance with the applicable standards as set out in Marine Order 503 Certificates of Survey, and that to the extent evident from the inspection/s carried out I am satisfied that the vessel meets the standards.
- I consent to the Australian Maritime Safety Authority using and disclosing the information provided in this form for purposes associated with the administration of the Marine Safety (Domestic Commercial Vessel) National Law Act 2012.
- I understand and acknowledge that the Australian Maritime Safety Authority, as the National Regulator, may ask that I provide any information or document that the National Regulator reasonably considers necessary in relation to this recommendation.

Signature of surveyor

Date