



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 (Y) / Not In order (N) / 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	Y/N/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	Y/N/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	Y/N/NA	Surveyor Comments/ drawing / document reference
Specification of fixed fire extinguishing system	Examination and confirmation of specification Verify and retain type approval certification		
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	Y/N/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	Examination and endorse specification		

**Doors**

Item	Survey checks	Y/N/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	Y/N/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	Y/N/NA	Surveyor Comments/ drawing / document reference
Ratings of spaces on vessel	Examination and endorse specification		
Structural fire protection product(s)	Examine and endorse builder documentation Visual inspection of product Verify and retain type approval certification		
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	Y/N/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	Y/N/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		

## Design approval compliance

Item	Survey checks	Y/N/NA	Surveyor Comments/ drawing / document reference
In accordance with approved plans	The vessel's fire safety systems are constructed in accordance with the approved plans and design documentation.		

## 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