



Australian Government

Australian Maritime Safety Authority

INITIAL SURVEY WELDED CONSTRUCTION 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 – hull deck and superstructure* survey for welded vessel construction, by compartment. It is a minimum set of information expected by the National Regulator, it is not intended to be an exhaustive list.

Note: Page 2 & 3 each provide a sign off sheet for a single compartment. Additional copies should be printed for each compartment in the vessel.

Survey Details

Vessel name

Unique identifier

Name of surveyor

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

Material storage and handling

Item	Survey checks	✓/✗/NA	Surveyor Comments/ drawing / document reference
Welding Procedure Specification (WPS)	Examine and confirm the yard WPS Monitor implementation of WPS		
Welding Procedure Qualification Records (WPQR)	Verify fabrication personnel have the appropriate WPQR Monitor implementation of WPQR		
Material storage and handling practices	Inspect material storage location and verify suitability Verify that the builder segregates materials Discuss material handling and prep practices		
Materials type and standard	Review and confirm primary material certification/documentation Monitor materials being used in construction		
Consumable materials type and standard	Review and confirm consumable material certification/documentation Monitor materials being used in construction		

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

Compartment Name

--

Item	Survey checks	√/✗/NA	Surveyor Comments/ drawing / document reference
Bottom stiffeners & frames	Dimensional and visual check of spacing and section against plans Dimensional and visual inspection of alignment Dimensional and visual check of welding (length, spacing, pattern, throat) Dimensional and visual inspection of DC welding and weld returns at end points Visual inspection of termination / structural continuity detailing		
Side stiffeners & frames	Dimensional and visual check of spacing and section against plans Dimensional and visual inspection of alignment Dimensional and visual inspection of DC welding and weld returns at end points Visual inspection of termination / structural continuity detailing		
Bulkhead stiffeners & frames	Dimensional and visual check of spacing and section against plans Dimensional and visual inspection of alignment Dimensional and visual inspection of DC welding and weld returns at end points Visual inspection of termination / structural continuity detailing		
Deckhead stiffeners & frames	Dimensional and visual check of spacing and section against plans Dimensional and visual inspection of alignment Dimensional and visual inspection of DC welding and weld returns at end points Visual inspection of termination / structural continuity detailing		
Pillars / columns	Dimensions and visual check of section Dimensional and visual check of location Visual inspection of end connections		
Bracketing detail	Visual inspection of bracket detail Dimensional check of bracket locations and sections		
Insert plates	Dimensional and visual check of radii and edge tapering Dimensional and visual check of welding		
Plate seam welding	Dimensional and visual check of welding Verification that all seam welds are double continuous		

Compartment Name

--

Item	Survey checks	√/✗/NA	Surveyor Comments/ drawing / document reference
Bottom stiffeners & frames	Dimensional and visual check of spacing and section against plans Dimensional and visual inspection of alignment Dimensional and visual check of welding (length, spacing, pattern, throat) Dimensional and visual inspection of DC welding and weld returns at end points Visual inspection of termination / structural continuity detailing		
Side stiffeners & frames	Dimensional and visual check of spacing and section against plans Dimensional and visual inspection of alignment Dimensional and visual inspection of DC welding and weld returns at end points Visual inspection of termination / structural continuity detailing		
Bulkhead stiffeners & frames	Dimensional and visual check of spacing and section against plans Dimensional and visual inspection of alignment Dimensional and visual inspection of DC welding and weld returns at end points Visual inspection of termination / structural continuity detailing		
Deckhead stiffeners & frames	Dimensional and visual check of spacing and section against plans Dimensional and visual inspection of alignment Dimensional and visual inspection of DC welding and weld returns at end points Visual inspection of termination / structural continuity detailing		
Pillars / columns	Dimensions and visual check of section Dimensional and visual check of location Visual inspection of end connections		
Bracketing detail	Visual inspection of bracket detail Dimensional check of bracket locations and sections		
Insert plates	Dimensional and visual check of radii and edge tapering Dimensional and visual check of welding		
Plate seam welding	Dimensional and visual check of welding Verification that all seam welds are double continuous		