

Patrol-Report



During construction phase, the surveyor has to check on independent and unscheduled basis applicable processes, activities and associated documentation. As a proof of consistency of surveys, the patrol inspections, including scope and findings, have to be recorded using this specific GL Form. This Form covers a minimum standard; additional remarks can be added by Surveyor individually. The selection of specific activities regarding each patrol item is intended as a guideline and does not claim to be complete.

Name of Shipyard _____
 Newbuilding No. _____
 GL Reg. No. _____

No.	Patrol Items	Selection of specific activities
1	Welding equipment	Check that the welding equipment is correctly calibrated and maintained.
2	Welding environment	Verify welding area is clean, dry and well lit. Verify welding is performed under weather protection.
3	Welding supervision	Verify that the welding supervision is effective./ unchanged / according to checklist.
4	Welder qualification	Verify the validity and the standard of qualification certificate; verify that the welders / operators are approved for weld process, position, material group, etc.
5	Welding procedures	Verify that welding procedures are approved by GL and that they cover the production range. Verify that the WPSs of the manufacturer are available at the relevant workstations for the welders / operators and followed by them.
6	Welding consumables	Identify welding consumables according to the consumable list. Verify that the welding consumables are GL approved and according to WPS, verify temporary and permanent storage facilities, traceability
7	Surface preparation, marking, cutting	Check cutting quality; verify material traceability and storage of piece parts.
8	Alignment, fit-up, gaps	Check alignment; verify that fit-ups, edge preparation comply with approved welding procedures. Verify that assembly is within tolerances of recognized shipbuilding standards.
9	Steelwork process	Verify that work is done in accordance with latest approved drawings and technical standards, and that relevant information is available at the workstation. Verify that piece parts are identifiable.
10	Forging and castings	Verify against material certificates. Verify that welding is done in accordance to WPS, technical requirements.
11	Straightening	Verify that straightening processes are acceptable, that plates and sections are within recognized tolerances.
12	Forming	Verify that forming processes are acceptable, that suitable methods of temperature control are available.
13	NDT General	Review NDT-reports/ -films, verify that NDT is carried out in accordance with approved plan, verify that the records have been completed in acc. to GL-Rules, verify suitability of NDT method.
14	Testing personnel and equipment	Verify operators suitable qualified. Verify that the testing equipment is correctly calibrated and maintained in accordance with manufacturers and recognized standard requirements.
15	Tightness testing	Verify that adequate records have been maintained. Verify that testing is carried out in accordance to technical standard.
16	Corrosion protection	Verify that coatings are approved. Verify that application is done in accordance with manufacturers and technical standards.

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No.	Patrol Item	Result/ Remarks	Date/Signature		
1	Welding equipment				
2	Welding environment				
3	Welding supervision				
4	Welder qualification				
5	Welding procedures				
6	Welding consumables				
7	Surface preparation, marking, cutting				
8	Alignment, fit-up, gaps				
9	Steelwork process				

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10	Forging and castings				
11	Straightening				
12	Forming				
13	NDT General				
14	Testing personnel and equipment				
15	Tightness testing				
16	Corrosion protection				