
U. S. Coast Guard Sector



Hull Inspector (Tankship)

Performance Qualification Standard

Hull Inspector (Tankship) PQS

<u>Task Number</u>	<u>HT Tasks</u>	<u>Completed Date</u>	<u>Defer</u>
CD01	Review vessel documents and papers; state if each is valid or expired.		
CD04	Discuss scope of inspection with owner's representative.		
CD05	Obtain CG-2692 for reportable marine casualties.		
CD06	Examine gas-free certificate.		
CD08	Review any outstanding CG-835s and ask if other deficiencies exist.		
CD09	Review documentation to ensure FCC compliance per 47 CFR.		
CD12	Review Drug and Alcohol Program documentation per 46 CFR 16.		
CD14	Examine the Certificate of Financial Responsibility		
CD16	Examine annual firefighting and lifesaving equipment certificates.		
CS01	Verify cargo aboard is transported in approved cargo systems.		
CS02	Inspect bulk liquid cargo system.		
CS09	Inspect cargo pumproom(s).		
CS11	Test and inspect the emergency shutdown station(s).		
CS12	Inspect cargo tank vents.		
CS13	Inspect closed gauging systems.		
CS14	Ensure vessel's IGS/COW operations/equipment manual was reviewed.		
CS15	Demonstrate knowledge of COW process and system approval requirements.		
CS16	Inspect the vessel's letter of acceptance for installed IGS/COW system.		
CS17	Inspect the vessel's IGS/COW operations/equipment manual entries.		
CS18	Examine IGS equipment and verify that it is properly installed.		
CS19	Witness IGS operational test of safety shutdowns and controls.		
CS20	Witness IGS operational test of visual and/or audible alarms.		
CS21	Witness operational test of IG blower shutdown for various conditions.		
CS22	Ensure gauging system is installed for the cargoes listed on the SOE.		
CS23	Inspect the cargo pipe valves, pump manifolds, and piping.		

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CS24	Inspect the cargo transfer hoses for condition and required markings.		
CS26	Check that incompatible cargoes are properly separated.		
CS27	Check cargo tanks' spill valves.		
DD10	Examine draft marks.		
DD11	Examine load line.		
DD24	Examine freeing ports and scuppers.		
ED01	Observe fire and boat drills.		
ED03	Review logbook and ensure entries for tests and drills have been made.		
EE01	Inspect fireman's outfit(s).		
EE02	Examine required refrigeration masks.		
EE03	Inspect international shore connection.		
EE04	Inspect EPIRB.		
EE05	Test and inspect the general alarm system		
EE07	Inspect line throwing equipment.		
EE08	Inspect pyrotechnics.		
ES08	Ensure lighting systems/fixtures are adequate and meet requirements.		
ES10	Ensure receptacle outlets are properly grounded.		
ES11	Inspect distribution panels.		
ES13	Inspect electrical cable installation.		
ES15	Test power operated watertight doors from local/remote control units.		
ES16	Test/inspect internal communication and control systems.		
ES18	Inspect components installed in designated hazardous locations.		
ES21	Inspect the general alarm system emergency batteries.		
ES22	Perform operational test of remote ventilation shutdowns.		
FF01	Determine amount, type, location of fire protection equipment required.		
FF02	Inspect high pressure CO ₂ systems.		
FF06	Inspect Halon/alternative agent systems.		
FF08	Inspect semi-portable firefighting equipment.		
FF09	Inspect portable firefighting equipment.		
FF10	Inspect fire main and fire stations.		
FF13	Witness operational test of fire detection system.		

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FF15	Examine fire doors and dampers.		
FF16	Inspect fixed foam extinguishing systems.		
FF17	Inspect and operationally test sprinkler system.		
FF18	Review fire control and hazardous location plans.		
FF19	Inspect fire axes.		
FF20	Inspect condition of vent and duct leading from grill in galley.		
FF21	Examine fire control plan.		
FF23	Inspect accommodation areas for compliance with SFP requirements.		
FP01	Verify that required forms, placards and notices are posted.		
FP04	Verify that the International Safety Management Code Safety Management system is properly implemented aboard the vessel.		
GH01	Inspect berthing accommodations.		
GH03	Inspect berthing accommodations for compliance with ILO 147.		
GH04	Inspect mess deck spaces.		
GH05	Inspect hospital spaces.		
GH06	Inspect areas where washers and dryers are installed.		
GH07	Inspect paint lockers.		
GH08	Inspect ladders, railways, and gangways.		
GH10	Inspect heating and cooking equipment.		
GT01	Verify ground tackle and related equipment is in satisfactory condition.		
GT04	Inspect mooring system/equipment.		
LS01	Determine amount/type of lifesaving equipment required.		
LS04	Inspect life preservers.		
LS06	Inspect ring buoys.		
LS08	Inspect immersion suits.		
LS09	Inspect lifeboat equipment (or survival capsule).		
LS10	Inspect lifeboat (or survival capsule) for hull structure and fittings.		
LS11	Witness lifeboat weight test.		
LS12	Witness davit launched raft weight test.		
LS13	Inspect and test lifeboat winches and associated equipment.		
LS14	Witness lifeboat operation.		
LS15	Inspect embarkation aids.		

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LS16	Inspect davit structure.		
LS18	Inspect inflatable liferaft installations.		
LS20	Inspect rescue boat.		
MI01	Determine condition of the components of the steering gear assembly.		
MI03	Determine if additional requirements for TV steering systems are met.		
MI07	Inspect bilge piping, and valves in non-machinery spaces.		
MI11	Examine potable water system.		
NS01	Ensure radars are operable.		
NS04	Inspect magnetic compass.		
NS06	Inspect required depth sounding/recording equipment.		
NS07	Ensure radio direction-finding equipment and electronic position fixing devices are provided and operable.		
NS08	Examine radio equipment and FCC or SOLAS documents.		
NS10	Inspect navigation and signal lights.		
NS13	Inspect signaling devices.		
NS14	Inspect navigation publications.		
NS16	Ensure required navigational equipment is on board.		
NS17	Ensure required maneuvering characteristics are complete.		
NS18	Ensure required pre-arrival and departure tests are logged.		
NS19	Ensure Automatic Identification System (AIS) is installed and operating properly.		
NS20	Ensure Voyage Data Recorder is installed and operating properly.		
NS21	Ensure Electronic Chart Display and Information System (ECDIS) is operating properly if installed.		
NS22	Verify compliance with bridge resource management policy and procedures.		
NT01	Witness dye penetrant NDT in accordance with applicable standards.		
NT02	Witness magnetic particle NDT in accordance with applicable standards.		
NT03	Witness radiography NDT in accordance with applicable standards.		
NT04	Witness ultrasonic NDT in accordance with applicable standards.		
PP02	Inspect pollution prevention equipment and documentation on a tank vessel		
PP05	Ensure that MSD requirements are met.		

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PP06	Conduct an IOPP boarding and survey, and verify that required equipment is on board and in proper working order on a tank vessel.		
PP07	Conduct an IOPP boarding and survey, and verify that required equipment is on board and in proper working order on a non-tank vessel.		
PP09	Verify MARPOL V compliance.		
PP11	Examine slop tank arrangement.		
PP12	Examine instruction manual for cargo and ballast systems.		
PP13	Examine records of discharge operations.		
PP14	Examine damage stability information.		
RT01	Complete Initial Indoctrination Marine Safety (IIMS) Course.		
RT02	Complete Marine Inspector Course (MS-601)		
RT03	Complete SMI Hull Course.		
RT04	Complete SMI Hull Course Tanker Supplement.		
SD01	Verify that the Vessel Security Plan (VSP) is approved (onboard manned vessels).		
SD02	Verify that a Marine Safety Center (MSC) letter accompanies the approved security plan.		
SD03	Verify that an acknowledgment letter from the Marine Safety Center (MSC) accompanies a security plan that is under review, if applicable.		
SD04	Verify that a copy of an approved Alternate Security Program (ASP) is available for inspection, if applicable.		
SD05	Verify that the ASP includes a letter from the owner or operator certifying which ASP is in use and that the vessel is in compliance with that plan.		
SD06	Verify that the vessel's security assessment report and approved ASP is on site.		
SD10	Verify the International Ship Security Certificate (ISSC) was issued within the last 5 years for U.S. SOLAS Vessels.		
SD11	Examine waiver letter and verify that any conditions expressed in the letter are implemented, if applicable.		
SD12	Examine the waiver approval letter from G-MP for any equivalencies that may exist.		
SD13	Identify whether equivalencies are noted in the amendments to the security plan.		
SD14	For SOLAS vessels, review the vessel's Continuous Synopsis Record (CSR).		
SD15	Determine validity and accuracy of crew documents.		

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SD16	Determine validity and accuracy of compliance documentation.		
SD17	Verify requirements for international voyages.		
SD18	Identify the Company Security Officer (CSO).		
SD19	Identify designated alternate security officers, if applicable.		
SD20	Determine the effectiveness of communications arrangements between the CSO and designated alternates.		
SD21	Identify the Vessel Security Officers (VSO).		
SD22	Confirm whether the VSO qualifications are consistent with requirements.		
SD23	Conduct interviews to determine competency of security personnel.		
SD24	Determine adequacy of security procedures by observing and testing.		
SD25	Verify that the vessel security organization is published.		
SD26	Identify what MARSEC directive has been issued for the port.		
SD27	Determine whether the vessel has received a copy of the current directive.		
SD28	Verify that the vessel has effective and adequate security measures for each MARSEC level and directive that is issued and has implemented such measures.		
SD29	Select a drill at random.		
SD30	Develop a scenario for the drill selected, if appropriate.		
SD31	Review the procedures contained in the vessel's security plan for handling scenario.		
SD32	Discuss the details of the drill with the VSO prior to beginning the drill.		
SD33	Review the drill log for the best practices and lessons learned from previous drills conducted.		
SD34	Critique the drill upon completion with the VSO.		
SD35	Determine whether security deficiencies exist with the approved VSP after the drill.		
SD36	Submit VSP deficiencies in writing to owner/operator.		
SD37	Verify vessel has conducted exercises and identify whether the vessel has proof of participation in the Area Maritime Security Exercise if applicable.		
SD38	Review security records for training, drills, exercises, security threats, and equipment maintenance.		
SD39	Determine whether security records are protected against unauthorized access and disclosure.		

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SD40	Review internal and external communication records relating to ship security.		
SD41	Review maintenance, calibration, and testing of security equipment including Ship Security Alert System.		
SD42	Review Declarations of Security (DOS), if applicable.		
SD43	Review internal audits.		
SD44	Review auditor's qualifications.		
SD45	Review security incident procedures.		
SD46	Determine the adequacy of procedures for requesting and handling a Declaration of Security.		
SD47	Observe the vessel's operation to ensure compliance with a Declaration of Security.		
SD48	Verify that the Declaration of Security has not exceeded the required time periods.		
SD49	Determine whether the security sweep was in accordance with the company's security plan.		
SD50	Determine whether the sweep adhered to the locally issued MARSEC directives.		
SD51	Determine whether the vessel had implemented any alternatives documented in the security plan.		
SD52	Determine whether these alternatives are allowable by the regulations and provide an equivalent amount of security for the vessel.		
SD53	Determine whether the vessel is in noncompliance with their security plan.		
SD54	Advise the Captain of the Port of findings, if applicable.		
SD55	Issue a CG-835 to suspend, restrict, or continue operations, if applicable.		
SD56	Receive enforcement decision from Captain of the Port.		
SD57	Advise master of enforcement actions.		
SD58	Complete MISLE case documentation.		
ST01	Examine stability letter and book.		
WI01	Inspect watertight doors.		
WI03	Test power-operated watertight doors from local/remote control units.		
WI04	Inspect watertight bulkhead penetrations.		
WI06	Inspect remote-operated valves and controls.		
WI08	Inspect port light covers.		
WR01	Evaluate welding repair proposal.		
WR02	Complete initial visual inspection of weld repair.		

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WR03	Complete intermediate visual inspection of weld repair.		
WR04	Complete final visual inspection of weld repair.		
WR05	Witness pressure testing of welded repairs.		

