

U. S. Coast Guard Sector



Auxiliary Assistant Machinery Inspector

Performance Qualification Standard

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Sector Training Guide

Auxiliary Assistant Machinery Inspector Performance Qualification Standard

Qualification Code: AUX-MI

This booklet is one section of your personal on the job training (OJT) manual. It is your OJT guide to qualification as an Auxiliary Assistant Machinery Inspector. It is your responsibility to document completed unit training items.

The AUX-MI qualification is one of several "specific cargo / vessel related" Auxiliary Assistant commercial vessel examiner competencies. Those members who will be required to assist in inspecting machinery shall complete this PQS workbook.

On a limited basis, PQS task items may be "deferred" by your unit commander to accurately address the type of vessels / cargo normally examined at your port. If a task is deferred, the reason for deferment must be clearly articulated in the space provided in this PQS workbook. Task items shall only be deferred if the particular task item requires a certain type of vessel, vessel system or cargo type that is not normally examined / encountered at the trainee's port.

- If a PQS task item is deferred, you will not be authorized to examine / perform the function required by the deferred task item.
- You will still receive full AUX-MI qualification even if some items are deferred.
- Domestic Inspection Division Chiefs shall examine tasks of newly reported AUX-MI examiners to identify any deferred task items necessary for their port.
- Auxiliarists are prohibited from entering confined spaces. Under no circumstances shall any Auxiliarist be allowed to do tasks requiring such entry.

Verifying Officers shall be experienced and qualified personnel who have demonstrated the ability to evaluate, instruct, and observe other personnel in the performance task criteria. Verifying Officers must be certified in the competencies for which they are to verify and must be Sector command designated. Verifying Officers must enter their title, name, and initials in the Record of Verifying Officers section before making entries in your workbook.

A Verifying Officer shall observe your successful performance of each task and document such with date and initials in the appropriate space provided in this booklet. It may be necessary to perform a task several times. The Verifying Officer will not give credit for any task that is not performed satisfactorily.

Auxiliarists do not have law enforcement authority. They cannot independently exercise COTP, OCMI, FMSC or FOSC authority and may become personally liable for actions they take outside of prescribed directives. Do not allow an Auxiliarist to be placed in a position that will compromise the limitations on the member's authority.

When you have completed all of the items required for this qualification, your COTP will issue a Letter of Designation. You must forward a copy of your Letter of Designation to your DIRAUX for entry into AUXDATA. Should any item be waived the qualification is considered local and will not be entered into AUXDATA and may not be used toward qualification for the Trident device.

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RECORD OF COMPLETION								
	Train	ning Prerequisites	,	Date	Verifying Offi	cer's Signature		
A. Completi	on of resident	training course (O	ptional):					
1. Marine	Inspector Cou	ırse						
2. SMI M	achinery Cour	se						
B. Completi	on of correspo	ndence courses:						
	10 <i>or</i> ICS 300							
5. IS 700								
6. IS 800								
C. Favorable	e DO PSI if red	quired by COTP/O	CMI					
D. Completi	on of PQS Wo	orkbook.						
E. Successfu	ıl completion o	of unit level oral bo	oard.					
F. Designati	on Letter subn	nitted for approval.						
	RE	CORD OF	VERIFYING	OFF	CERS			
Date	Title		Verifying Officer's I	Name		Initials		

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<u>Task</u> <u>Number</u>	<u>AUX-MI Master Tasks</u>	Completed Date	<u>Defer</u>
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.		
ES01	Inspect switchboards.		
ES02	Inspect ship's service generators.		
ES04	Inspect emergency generators.		
ES05	Inspect battery installation.		
ES07	Inspect motor controllers.		
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.		
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.		
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.		
GH07	Inspect paint lockers.		
GH08	Inspect ladders, railways, and gangways.		
LS04	Inspect life preservers.		
LS08	Inspect immersion suits.		
MI01	Determine condition of the components of the steering gear		

<u>Task</u> <u>Number</u>	AUX-MI Master Tasks	Completed Date	<u>Defer</u>
	assembly.		
MI04	Inspect fuel oil service and transfer system.		
MI06	Inspect bilge pumps installation, piping, and valves in machinery spaces.		
MI10	Examine refrigeration/air conditioning machinery.		
MI11	Examine potable water system.		
MI13	Observe operational tests of machinery.		
MI16	Inspect the diesel installation and assembly.		
MI19	Inspect air starting systems.		
MI20	Inspect hydraulic starting systems.		
MI21	Inspect electric starting systems.		
MI22	Witness operational test of main propulsion diesel automation.		
MI25	Internally examine UPVs requiring internal examination.		
MI26	Externally examine UPVs.		
MI27	Witness Hydrostatic test of UPV.		
MI28	Ensure all UPVs are properly equipped with pressure relief valves.		
MI29	Witness pressure relief valve test.		
MI33	Conduct an examination of an auxiliary/heating boiler.		
MI40	Ensure insulation on steam piping provided to reduce personnel hazard.		
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.		
PP03	Inspect pollution prevention equipment and documentation in machinery spaces.		
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.		
WR01	Evaluate welding repair proposal.		
WR02	Complete initial visual inspection of weld repair.		

<u>Task</u> <u>Number</u>	<u>AUX-MI Master Tasks</u>	Completed Date	<u>Defer</u>
WR03	Complete intermediate visual inspection of weld repair.		
WR04	Complete final visual inspection of weld repair.		
WR05	Witness pressure testing of welded repairs.		
WR06	Complete steps to approve Weld Procedure Specification (WPS) for engineering and cargo system construction or repair IAW Subchapter F of the Code of Federal Regulations.		
WR07	Complete steps to approve Weld Performance Qualifications (WPQ) for engineering and cargo system construction or repair IAW Subchapter F of the Code of Federal Regulations.		
WR08	Review approved Weld Procedure Specification (WPS) for engineering and cargo system construction or repair.		
WR09	Review approved Welder Performance Qualification (WPQ) for engineering and cargo system construction or repair.		

<u>Task</u> <u>Number</u>	<u>Task</u>	<u>Date</u> <u>Completed</u>	<u>Verifying</u> <u>Officer</u>	<u>Comp</u>	<u>Defer</u>	Comments about <u>Deferment</u>
CD04	Discuss scope of inspection with owner's representative. Decide on general sequence of inspection.					
CD05	Obtain CG-2692 for reportable marine casualties/ structural failure report.					
CD06	 Examine gas-free certificate issued by an NFPA-certified marine chemist for hot work and/or confined space entry. Information on the gas-free certificate meet the requirements of NFPA Standard 306 and Coast Guard confined space entry/benzene exposure policy Gas-free certificate been maintained by a designated competent person and records kept as required by OSHA regulations Marine chemist certified by NFPA Review benzene and confined space entry policies OSHA Competent Person log up to date Meters used by OSHA Competent Person are calibrated 					
CD08	Review any MISLE inspection notes and outstanding deficiencies (CG-835s). Ask owner's representative if any other					

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	deficiencies exist.					
ES01	 Inspect switchboards. Nonconductive mat on deck in front of board Nonconductive rails on board face Nonconductive rails at the rear and sides Dripshield on the board's top Ground detection indicators working with no grounds indicated Meters calibrated and working Synchronizing controls working. Identification for controls and meters Area is dry and clean Working space is provided in accordance with regulations Overcurrent protection properly labeled 					
ES02	 Inspect ship's service generators. Generators of a size or arrangement which require overspeed trips Operational test of overspeed trips and alarms within specified limits If the DC or AC generators operate in parallel, are the reverse power/current trips working Guards installed around rotating or live machinery 					

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	 Discoloration from overheating apparent Filters on air intakes working to keep internals free from dust and dirt Windings oily or dirty Odd bearing noises present Voltage regulated within limits specified by CFR Working diesel low lube oil pressure trip and alarms Working high temperature detectors and alarms for AC generators Nameplates properly in place 					
ES04	 Inspect emergency generator. Means of starting is provided The following alarms/shutdowns are operable: Low lube oil pressure High cooling water temperature Overspeed Fixed firefighting system shutdown The generator auto-start circuit functions and the generator can power its full-rated load within 20 seconds and accept the final emergency load within 45 seconds of loss of the normal power supply Emergency Generator is tested under load. Independent fuel supply is provided, 					

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	with remote shut-off valve installed and properly marked					
ES05	 Inspect emergency batteries. Size of installation and required ventilation Battery box is properly lined Batteries are secure in the trays Adequate space provided over the cells A means of charging is provided Conductor overcurrent protection is provided Ventilation/charger interlocked 					
ES07	 Inspect motor controllers. Units are installed in suitable cases, or if open type, within limited access enclosure Wearing parts are accessible Controls are marked for each motor served Wiring diagram is affixed to the controller enclosure Motor controllers are dripproof/watertight 					
ES08	 Ensure lighting systems and fixtures are adequate and meet regulations. Passageways and public areas Machinery spaces Passenger and crew spaces 					

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	 Berth lights Exit lights Pilot ladders Navigation Signaling lights Lifeboat and liferaft embarkation stations 					
ES10	Ensure receptacle outlets have grounding poles and are properly grounded.					
ES11	 Inspect distribution panels. Circuit directory provided Amperage ratings of the protective devices in accordance with required circuit directory Panelboard blanks installed, where necessary 					
ES13	 Inspect electrical cable installation and determine: Vertical and horizontal supports properly spaced Radius of the bends exceed CFR specifications Portable cables used for unauthorized purposes Acceptable materials used Hazardous conditions exist (jury rigs, 					

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	dead end cables, splices, etc.)					
ES15	Test power-operated watertight doors from local and remote control units.					
F016				-	П	
ES16	Test internal communication and control systems and ensure the following systems work properly. • General alarms (bells and contractors)					
	 Sound powered phones to all required stations Engine order telegraph and wrong 					
	direction alarmPublic address systemEngineer's assistance needed alarm					
	Engineer's call systemFire detection/fire alarm systemRefrigerated space alarm system					
ES18	Inspect components installed in designated hazardous locations and ensure explosion					
	proof installation. • Fuel purifier rooms					
	Paint lockerCargo areaPumprooms					
ES21	Inspect the general alarm system emergency batteries.					

<u>Task</u> Number	<u>Task</u>	<u>Date</u> Completed	<u>Verifying</u> <u>Officer</u>	<u>Comp</u>	<u>Defer</u>	<u>Comments about</u> <u>Deferment</u>
ES22	Inspect ventilation systems and perform operational test of alarms and remote ventilation shutdowns.					
FF01	Determine amount, type and location of fire protection equipment required. By the vessel's Certificate of Inspection By the respective regulations					
FF08	Inspect semi-portable fire fighting equipment. Installation approved System serviceable Instructions posted Correct type and amount on hand Markings correct					
FF09	 Inspect portable firefighting equipment. Fire extinguishers approved Each unit serviceable Adequate spare charges provided Correct type and amount on hand Distributed per fire control plan Markings correct Servicing properly logged 					
FF10	Inspect fire main and fire stations.					

<u>Task</u> <u>Number</u>	<u>Task</u>	<u>Date</u> <u>Completed</u>	<u>Verifying</u> <u>Officer</u>	<u>Comp</u>	<u>Defer</u>	<u>Comments about</u> <u>Deferment</u>
	 Correct number of fire pump(s) provided Fire hoses meet acceptable standards Equipment provided at each required fire station pursuant to regulations Requirements for hose length and size at each fire station complied with Fire pump(s) capable of providing adequate pressure to highest and most remote fire station using pitot tube Pressure gauge installed on discharge side of fire pump Fire hoses serviceable after hydro testing Valves at fire stations operable Fire main(s), hose(s), and equipment compatible at each station Approved nozzles and applicators provided for each fire station Fire pump relief valve functions properly Markings correct 					
FF13	 Witness operational test of fire detection system. System serviceable All sensors free of obstructions and functioning Alarms and indicators functioning correctly Required instructions and diagrams 					

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	provided • Markings correct					
FP01	Verify that the required forms, placards, and notices are posted. Pollution/MARPOL: Placard Waste management plan Coast Guard forms: CG-809: Station bills, drills CG-811: Lifesaving signals and instructions CG-841: Certificate of Inspection CG-848: Station Bill CG-2832: Vessel Inspection Record CG-3372: Oil Pollution Passenger notices Plans posted: General arrangement Fire control plan Rules and regulations for class of vessel SOLAS certificates Markings: conspicuous and legible					
FP04	Verify that the International Safety Management Code Safety Management system is properly implemented aboard the vessel. • Designated Person Ashore • Maintenance program for vital equipment					

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	 Safety and Environmental Policy Record keeping Master's Review and Authority Clearly defined company responsibilities and authority 					
GH07	 Inspect paint lockers. Required fire protection equipment provided in accordance with applicable regulations and vessel's approved fire safety plan Space(s) designated constructed of or wholly lined with metal Space(s) well vented and means provided to secure ventilation if necessary 					
GH08	 Inspect ladders, rails and gangways. An approved pilot ladder provided and maintained in good repair Accommodation ladder of sufficient size provided to be used when distance from sea level to vessel's deck is more than 30 feet "Rails" are provided on accommodation ladders, when used 					
LS04	 Inspect life preservers. Properly equipped with lights, whistles and reflective tape Approved for intended service 					

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LS08	 Sufficient serviceable units aboard and properly stowed Properly marked Inspect immersion suits. Equipped as required Physically serviceable Sufficient number of units aboard and properly stowed 					
MI01	 Determine condition of the following components of the steering gear assembly: Insides of motor controller and switch gear boxes Mounting bolts for all equipment (vibration) attachments, links and pins Freedom of movement and absence of any friction noises on motors and pumps Cleanliness of space (absence of fire/personnel hazards) Evidence of saltwater leakage through rudder post packing or vent ducts 					
MI04	 Inspect fuel oil service and transfer system. Determine condition of piping and manifolds Determine condition of fuel oil HP and LP strainers Ensure fuel oil pump relief pump valves discharge to suction side of fuel oil 					

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	 pumps Ensure no excessive fuel oil leakage exists Witness operation of fuel oil pumps Ensure instrumentation is operable Externally examine fuel oil heaters Test remote operated fuel oil system valves Determine condition of fuel oil tank vent lines and flame screens 					
MI06	 Inspect bilge pumps installation, piping, and valves in machinery spaces. System capable of pumping from any watertight compartment except ballast, oil and water tanks Standing water drains to suction pipes Bilge manifold has independent bilge suction control and is properly marked Suction strainers are installed Emergency bilge suction installed, where required Instrumentation operable 					
MI10	Examine refrigeration/air conditioning machinery. • Rotating machinery guards • Piping • Wiring • Pressure vessels					

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MI11	 Examine potable water system. Dedicated tanks; treated or coated Tanks ventilated with insect screens installed Water pump(s) and pressurization system operable Pressure tank installation 					
MI13	Determine what prime mover operational tests are required; witness tests and state if results are satisfactory. Overspeed trips Low lube oil shutdowns and alarms High coolant temperature alarm					
MI16	Inspect the main diesel installation and assembly, paying particular attention to the following: Crankcase explosion covers Fuel and lube oil fittings (checking for leakage) Instrumentation Gratings and rails around the engine Guards over rotating machinery Exhaust system: Leaks Lagging (not oil soaked) Proximity of combustible material or walkways Water cooling system Bulkhead penetrations					

<u>Task</u> <u>Number</u>	<u>Task</u>	<u>Date</u> <u>Completed</u>	<u>Verifying</u> <u>Officer</u>	<u>Comp</u>	<u>Defer</u>	Comments about Deferment
	 Engine foundations and tank top's structural condition Air intakes Crankcase vents (clear) 					
MI19	Inspect air starting systems.Air receiversPipingCompressors					
MI20	Inspect hydraulic starting systems.Pumps and strainersPipingAccumulators					
MI21	Inspect electrical starting systems.					
MI22	 Witness operational test of main propulsion diesel automation system. Determine that the system has not been modified/jury rigged and is the same as that depicted in the procedures Testing the automation system using the methods specified by approved procedure Verify that automatic systems have not been bypassed or overridden by manual devices except as noted in approved test 					

<u>Task</u> <u>Number</u>	<u>Task</u>	<u>Date</u> <u>Completed</u>	<u>Verifying</u> <u>Officer</u>	<u>Comp</u>	<u>Defer</u>	<u>Comments about</u> <u>Deferment</u>
	procedure • Verify proper operation of required alarms, shutdowns, controls and internal communications in accordance with the approved test procedure • Verify that bridge controls/alarms function in sync with engineroom control panel • Based on automation system • testing, assess if vessel manning remains consistent with regulation/policies and determine corrective action, if necessary: • Temporary increase of engineroom manning • Further underway evaluation					
MI25	 Internally examine unfired pressure vessels requiring internal examination. Check for corrosion, scale, pitting, cracks and erosion Examine welded connections internally 					
MI26	 Externally examine unfired pressure vessels. Pressure gauge Evidence of structural damage Data plate legible Foundations structurally sound Attachments secure 					
MI27	Witness Hydrostatic test of unfired pressure					

<u>Task</u> <u>Number</u>	<u>Task</u>	<u>Date</u> <u>Completed</u>	<u>Verifying</u> <u>Officer</u>	<u>Comp</u>	<u>Defer</u>	Comments about <u>Deferment</u>
	 vessel. Determine when hydrostatic test required Determine MAWP Observe pressure test 					
MI28	Ensure all unfired pressure vessels are properly equipped with pressure relief valves.					
MI29	 Witness pressure relief valve test. MAWP not exceeded Valve seats tightly Spring set within range Correct valve type Hand lifting device 					
MI33	 Conduct an examination of an auxiliary/heating boiler. Furnace (distortion) Combustion chamber (crown sheet, wrapper sheet, back sheets (distortion) Boiler shell and heads Stay bolts Boiler saddles and foundations Plating in way of mountings (wastage due to leaking valves and fittings) Cracks in the plating due to flexing of the heads or leakage 					

<u>Task</u> <u>Number</u>	<u>Task</u>	<u>Date</u> <u>Completed</u>	<u>Verifying</u> <u>Officer</u>	<u>Comp</u>	<u>Defer</u>	<u>Comments about</u> <u>Deferment</u>
	 Wastage around manhole gaskets Note heat number and condition of fusible plugs Waterside tubes (Pitting - determine general depth and tube type) Waterside internal surface conditions (scaling, pitting, corrosion, erosion) Mountings opened/removed Safety valve operation Witness hydrostatic test 					
MI40	Ensure insulation is provided to reduce personnel hazard.					
NT01	 Witness dye penetrant NDT in accordance with applicable standards. Approve NDT method for specific applications. Determine acceptability of technician's qualification. Evaluate results. 					
NT02	 Witness magnetic particle NDT in accordance with applicable standards. Approve NDT method for specific applications. Determine acceptability of technician's qualification. Evaluate results. 					

<u>Task</u> <u>Number</u>	<u>Task</u>	<u>Date</u> <u>Completed</u>	<u>Verifying</u> <u>Officer</u>	<u>Comp</u>	<u>Defer</u>	Comments about Deferment
NT03	 Witness radiography NDT in accordance with applicable standards. Approve NDT method for specific applications. Determine acceptability of technician's qualification. Evaluate results. 					
NT04	 Witness ultrasonic NDT in accordance with applicable standards. Approve NDT method for specific applications. Determine acceptability of technician's qualification. Evaluate results. 					
PP03	 Inspect pollution prevention equipment and documentation in machinery spaces. Slop tank provided and located in accordance with regulations Pump, fixed, or portable piping system(s), valve(s), and controls, as the regulation apply to vessel in question, are provided to remove dirty oil and bilge slops Pump, fixed piping, valve(s), and controls are provided for combined fuel and ballast tank(s) as needed and where specified by regulation Oily water separator installed properly and functions correctly Oil discharge prohibition placard is 					

<u>Task</u> <u>Number</u>	<u>Task</u>	<u>Date</u> Completed	<u>Verifying</u> <u>Officer</u>	<u>Comp</u>	<u>Defer</u>	Comments about Deferment
	placed at the bilge and ballast manifold and/or in each machinery space					
WI01	 Inspect watertight doors. Knife edges intact and in good repair; no excessive paint buildup Gasket material installed in channel is in good condition and not painted Knife edges and channel meet as designed when door closed Hinges and hinge bolts in good condition; no sagging of door due to rounded out hinges or worn hinge bolts Dogs are all operable; grease fittings still usable Dogging wedges not excessively worn and fit up satisfactory Quick-closing gear operable and adequate closure achieved Any port lights installed in watertight doors use wire mesh reinforced glass Dogging wrench provided in vicinity of watertight door(s) 					
WI03	Test power-operated watertight doors from local and remote control units.					
WI04	Inspect watertight bulkhead penetrations.Penetrations properly sealed to maintain					

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WI06	watertight integrity through use of devices such as stuffing tubes • Sealant used, if stuffing tubes are employed, is non-flammable product designed for such use and is approved Inspect remote-operated valves and controls. • Each valve identified as to function either by tag affixed to handle or by independent means • Each valve adequately lubricated and freely operated • Reach rods and other manual remote control mechanisms function properly • Each power-operated valve can be operated from control stations • An adequate means of control is provided to secure valves on fuel and lube oil lines to prevent pollution incident					
WR01	 Evaluate welding repair proposal. Plan or sketch submitted with bill of materials Configuration of repair acceptable Material specification same as existing or equivalent Method of joining acceptable 					
WR02	Complete initial visual inspection of weld					

<u>Task</u> <u>Number</u>	<u>Task</u>	<u>Date</u> <u>Completed</u>	<u>Verifying</u> <u>Officer</u>	<u>Comp</u>	<u>Defer</u>	Comments about <u>Deferment</u>
	 repair. Examine fit up in accordance with approved weld procedures Examine joint preparation in accordance with approved weld procedures Verify materials (base, filler, gas) in accordance with approved weld procedures Verify proper preheat temperature/time in accordance with approved weld procedures Evaluate weather conditions Check welding equipment in accordance with approved weld procedures 					
WR03	 Complete intermediate visual inspection of weld repair. Check back gouging for full penetration weld Check proper cleaning between weld passes Check interpass temperatures in accordance with approved procedures Verify that proper weld sequencing is followed Evaluate weather conditions 					
WR04	Complete final visual inspection of weld repair. • Perform dry search to ensure welding					

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	 complete and followed weld details Perform surface inspection of welds for defects Verify proper postheat temperature/time in accordance with approved weld procedures 					
WR05	 Witness pressure testing of welded repairs. Witness hose testing Witness air testing Witness hydrostatic testing 					
WR06	Complete steps to approve Weld Procedure Specification (WPS) for engineering and cargo system construction or repair IAW Subchapter F of the Code of Federal Regulations. • Witness WPS test coupon fit for welding • Review coupon test results • Draft WPS approval					
WR07	Complete steps to approve Welder Performance Qualification (WPQ) for engineering and cargo system construction or repair IAW Subchapter F of the Code of Federal Regulations. • Witness WPS test coupon fit for welding • Review coupon test results • Draft WPS approval					

<u>Task</u> <u>Number</u>	<u>Task</u>	<u>Date</u> <u>Completed</u>	<u>Verifying</u> <u>Officer</u>	<u>Comp</u>	<u>Defer</u>	<u>Comments about</u> <u>Deferment</u>
WR08	 Review approved Weld Procedure Specification (WPS) for engineering and cargo system construction or repair. Determine suitability of WPS for application Determine suitability of third party WPS acceptance 					
WR09	 Review approved Welder Performance Qualification (WPQ) for engineering and cargo system construction or repair. Determine suitability of WPS for application Determine suitability of third party WPS acceptance 					

DATE	LOCATION	VESSEL NAME	VESSEL CLASS	INSPECTION TYPE	LEAD INSPECTOR

NOTES

SAMPLE LETTER OF DESIGNATION

U.S. Department of Homeland Security
United States
Coast Guard

Command's Name

Street Address City, State Zip Code Staff Symbol: Phone: Email:

1601 DATE

MEMORANDUM

From: I. M. Frank, CAPT Reply to Unit's Name Attn of:

To: M. O. Ore, USCG Auxiliary

Subj: DESIGNATION AS AUXILIARY ASSISTANT MACINERY INSPECTOR

Ref: Auxiliary Assistant Machinery Inspector Performance Qualification Standard Workbook

- 1. Congratulations! You have completed all requirements necessary to perform the duties of an Auxiliary Assistant Machinery Inspector. You are authorized to carry out the responsibilities of an Auxiliary Assistant Machinery Inspector within the scope of your qualifications. This is a significant milestone in your professional development and I commend your accomplishments.
- 2. This Letter of Designation should be retained as part of your personal Training Record and you will be assigned the Auxiliary Assistant Machinery Inspector Qualification Code "AUX-MI".

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