



U. S. Coast Guard Sector



Auxiliary Assistant Foreign Freight Vessel Examiner

Performance Qualification Standard

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Auxiliary Assistant Foreign Freight Vessel Examiner Performance Qualification Standard

Qualification Code: AUX-FFVE

This workbook is your OJT guide towards qualification as an Auxiliary Assistant Foreign Freight Vessel Examiner. It is your responsibility to document completed unit training items. You should also keep track of all examinations completed by filling out the Auxiliary Assistant Port State Control (PSC) Examination Log located at the end of this workbook.

The AUX-FFVE qualification is one of several “specific cargo / vessel related” Auxiliary Assistant Port State Control Officer competencies. Those members who will be required to assist in conducting PSC examinations on foreign freight vessels shall complete this PQS workbook.

All AUX-PSCOs are required to complete all tasks contained in the Auxiliary Assistant Port State Control Examiner (AUX-PSCE) workbook in addition to the tasks contained in this workbook before earning the AUX-FFVE qualification. If you have not already completed the AUX-PSCE PQS tasks, you can complete the AUX-PSCE workbook concurrently with this one. Upon successful completion of all the AUX-FFVE qualification requirements, you will earn both the AUX-PSCE and the AUX-FFVE qualification designations (competencies).

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 AUX-PSCO 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-FFVE qualification even if some items are deferred.
- PSC Division Chiefs shall examine tasks of newly reported AUX-PSCOs 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.**

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.

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 command designated. Verifying Officers must enter their title, name, and initials in the Record of Verifying Officers section before making entries in your workbook.

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, other than as described above, the qualification is considered local and will not be entered into AUXDATA and may not be used toward qualification for the Trident device.

PQS VERIFYING OFFICER SIGNATURE VERIFICATION LOG

RATE/ RANK	SIGNATURE/ PRINT NAME	EMPLID	INITIALS	UNIT

REMARKS:

RECORD OF COMPLETION

Training Prerequisites	Date	Training Coordinator's Signature
A. Completion of any of the following resident training courses <i>(recommended, not required):</i>		
1. Port State Control Officer Course <i>or</i>		
2. Marine Inspector Course		
B. Completion of AUX-PSCE PQS Workbook.		
C. Completion of all of the below correspondence courses:		
1. Introduction to Marine Safety & Environmental Protection (IMSEP)		
2. ICS 100		
3. ICS 200		
4. ICS 210 <i>or</i> ICS 300		
5. IS 700		
6. IS 800		
D. Favorable DO PSI if required by COTP/OCMI		
C. Completion of this PQS Workbook		
D. Successful completion of verification exam (for Verifying Officer's signature)		
E. Successful completion of oral qualification board by PSCQB.		
<u>PSCQB Members Present for Board:</u>		
F. Designation Letter submitted for approval.		
REMARKS:		

References

Navigation and Vessel Inspection Circulars (NVIC)

- NVIC 06-03, Change-2 – Coast Guard Port State Control Targeting and Boarding Policy for Vessel Security and Safety
- NVIC 7-68 – Notes on Inspection and Repair of Steel Hulls

Policy Letters

- G-MOC Policy Letter 01-01 – Cargo Ship Fixed Fire-Extinguishing System SOLAS Exemptions

Marine Safety Manual (MSM)

- MSM Volume II, Sec D, Chapter 5

IMO Publications

- Procedures for Port State Control – Resolution A.787(19), as amended by resolution A.882(21)
- International Convention for the Safety of Life at Sea (SOLAS)
- International Code for Fire Safety Systems (FSS Code)
- International Grain Code (IGC Code)
- International Maritime Dangerous Goods (IMDG Code)
- Code of Safe Practice for Solid Bulk Cargos (BC Code)
- MSC/Circ.1117 (24June 2004) – Guidance for Checking the Structure of Bulk Carriers.

U.S. Regulations

- 46 CFR 148
- 49 CFR 171- 176

Other Sources

- Foreign Freight Vessel Examination Books (CG-840s)
- ‘Ship Knowledge – Covering Ship Design, Construction and Operation’ by Klaas Van Dokkum – www.dokmar.com

AUXILIARY ASSISTANT FOREIGN FREIGHT VESSEL EXAMINER

<u>Task Number</u>	<u>Task</u>	<u>Date Completed</u>	<u>Verifying Officer</u>	<u>Comp</u>	<u>Defer</u>	<u>Comments about Deferment</u>
<u>FV</u>	<u>FREIGHT VESSEL</u>					
FV1	Complete all AUX-PSCE PQS tasks. *This task cannot be deferred.	_____	_____	<input type="checkbox"/>	<input type="checkbox"/>	_____ _____ _____
FV2	Define Bulk Carrier.	_____	_____	<input type="checkbox"/>	<input type="checkbox"/>	_____ _____ _____
FV3	Describe the difference between a dry bulk, break bulk, Roll-on / Roll- Off (RO/RO) and container vessel. <ul style="list-style-type: none"> ○ Describe what type of cargos dry bulk cargo vessels transport. ○ Describe what type of cargos break-bulk cargo vessels transport. 	_____	_____	<input type="checkbox"/>	<input type="checkbox"/>	_____ _____ _____ _____ _____ _____
FV4	Demonstrate familiarity with general ship structure terminology and design of a break-bulk vessel. <ul style="list-style-type: none"> ○ Cargo hold arrangement. ○ Compartments ○ Upper tween deck ○ Lower tween deck ○ Dunnage ○ Gantry crane 	_____	_____	<input type="checkbox"/>	<input type="checkbox"/>	_____ _____ _____ _____ _____ _____

AUXILIARY ASSISTANT FOREIGN FREIGHT VESSEL EXAMINER

<u>Task Number</u>	<u>Task</u>	<u>Date Completed</u>	<u>Verifying Officer</u>	<u>Comp</u>	<u>Defer</u>	<u>Comments about Deferment</u>
FV5	Demonstrate familiarity with general ship structure terminology and design of a dry-bulk vessel.	_____	_____	<input type="checkbox"/>	<input type="checkbox"/>	_____ _____ _____
FV6	Demonstrate familiarity with general ship structure terminology and design of a container vessel.	_____	_____	<input type="checkbox"/>	<input type="checkbox"/>	_____ _____ _____
FV7	Demonstrate familiarity with general ship structure terminology and design of a vehicle RO/RO vessel.	_____	_____	<input type="checkbox"/>	<input type="checkbox"/>	_____ _____ _____
FV8	Describe the purpose & applicability of the Code of Safe Practice for Solid Bulk Cargos (BC Code). <ul style="list-style-type: none"> o Describe relation to 46 CFR 148 regulations. 	_____	_____	<input type="checkbox"/>	<input type="checkbox"/>	_____ _____ _____
FV9	Read and demonstrate understanding of MSC/Circ.1117 (24 June 2004) - Guidance for Checking the Structure of Bulk Carriers.	_____	_____	<input type="checkbox"/>	<input type="checkbox"/>	_____ _____ _____
FV10	Verify vessel has operational loading computer.	_____	_____	<input type="checkbox"/>	<input type="checkbox"/>	_____ _____ _____

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FV11	Describe purpose & applicability for the Enhanced Survey Program for bulk carriers. (IMO Resolution A.744(18)) <ul style="list-style-type: none"> o Verify evaluation report onboard 	_____	_____	<input type="checkbox"/>	<input type="checkbox"/>	_____ _____ _____
FV12	Verify vessel in compliance with its Bulk Carrier Booklet.	_____	_____	<input type="checkbox"/>	<input type="checkbox"/>	_____ _____ _____
FV13	Verify vessel in compliance with the cargo securing manual.	_____	_____	<input type="checkbox"/>	<input type="checkbox"/>	_____ _____ _____
FV14	Describe purpose & applicability of the IMDG Code.	_____	_____	<input type="checkbox"/>	<input type="checkbox"/>	_____ _____ _____
FV15	Define applicability and demonstrate ability to apply the hazardous materials regulations. (49 CFR 171 – 176).	_____	_____	<input type="checkbox"/>	<input type="checkbox"/>	_____ _____ _____
FV16	Define dangerous goods as per 49CFR parts 170-189.	_____	_____	<input type="checkbox"/>	<input type="checkbox"/>	_____ _____ _____

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FV17	Describe when a vessel is required to have a Dangerous Cargo Manifest.	_____	_____	<input type="checkbox"/>	<input type="checkbox"/>	_____ _____ _____
FV18	Review Dangerous Cargo Manifest (DCM). <ul style="list-style-type: none"> ○ On or near bridge ○ Master's signature ○ Proper shipping names ○ Proper hazardous classes ○ Stowage plan ○ Shipping papers ○ Verify emergency response information for HAZMAT cargo 	_____	_____	<input type="checkbox"/>	<input type="checkbox"/>	_____ _____ _____ _____ _____ _____ _____ _____
FV19	Examine containerized/ packaged HAZMAT. <ul style="list-style-type: none"> ○ Verify hazmat containers stowed as specified in stowage plan and DCM ○ Verify proper segregation of containers / packages ○ Evidence of unsafe/damaged containers ○ Evidence of leaking/damaged packages ○ Proper placards are posted ○ "No Smoking" signs posted 	_____	_____	<input type="checkbox"/>	<input type="checkbox"/>	_____ _____ _____ _____ _____ _____ _____ _____

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FV20	Examine the Document of Compliance (not ISM DOC) with the special requirements for ships carrying dangerous goods. <ul style="list-style-type: none"> ○ Describe the purpose and applicability 	_____	_____	<input type="checkbox"/>	<input type="checkbox"/>	_____ _____ _____ _____
FV21	Describe and verify compliance for the additional fire protection requirements for vessels carrying dangerous goods. <ul style="list-style-type: none"> ○ fire main water supplies ○ Sources of ignition ○ Ventilation ○ Bilge pumping ○ Fire detection systems ○ Crew PPE ○ Water-spray system ○ Separation of RO-RO spaces 	_____	_____	<input type="checkbox"/>	<input type="checkbox"/>	_____ _____ _____ _____ _____ _____ _____ _____
FV22	Describe USCG policy concerning cargo ship fixed-fire extinguishing system SOLAS exemptions.	_____	_____	<input type="checkbox"/>	<input type="checkbox"/>	_____ _____ _____
FV23	Examine and describe what additional fire detection and fire extinguishing equipment is required for a vehicle RO/RO vessel.	_____	_____	<input type="checkbox"/>	<input type="checkbox"/>	_____ _____ _____
FV24	Examine and describe additional ventilation requirements for RO/RO vessel.	_____	_____	<input type="checkbox"/>	<input type="checkbox"/>	_____ _____

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FV25	Describe the unique safety hazards / concerns associated with a vessel carrying grain in bulk.	_____	_____	<input type="checkbox"/>	<input type="checkbox"/>	_____ _____ _____
FV26	Read and describe the purpose and applicability of the International Code for the Safe Carriage of Grain in Bulk.	_____	_____	<input type="checkbox"/>	<input type="checkbox"/>	_____ _____ _____
FV27	Describe the purpose of the Document of Authorization for grain vessels and who issues this document.	_____	_____	<input type="checkbox"/>	<input type="checkbox"/>	_____ _____ _____
FV28	Identify the Grain Code requirements a vessel must comply with in order to load grain without a Document of Authorization.	_____	_____	<input type="checkbox"/>	<input type="checkbox"/>	_____ _____ _____
FV29	Verify vessel has an approved Document of Authorization.	_____	_____	<input type="checkbox"/>	<input type="checkbox"/>	_____ _____ _____
FV30	Describe the requirements for the Grain Loading Manual and what type of information it is required to contain.	_____	_____	<input type="checkbox"/>	<input type="checkbox"/>	_____ _____ _____

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FV31	Verify vessel has an approved Grain Loading Manual onboard.	_____	_____	<input type="checkbox"/>	<input type="checkbox"/>	_____ _____ _____ _____
FV32	Describe common indicators that a vessel may not be in compliance with the Grain Code stowage requirements. <ul style="list-style-type: none"> ○ Excessive list ○ Hog ○ Sag ○ Untrimmed partially filled cargo holds ○ Unsecured partially filled cargo holds 	_____	_____	<input type="checkbox"/>	<input type="checkbox"/>	_____ _____ _____ _____ _____ _____ _____ _____
FV33	Describe the role and authority of the National and International Cargo Bureau.	_____	_____	<input type="checkbox"/>	<input type="checkbox"/>	_____ _____ _____ _____

PSC EXAMINATION LOG

DATE	VSL NAME	VSL TYPE	CARGO	EXAM TYPE	LOCATION	LEAD PSCO

PSC EXAMINATION LOG

DATE	VSL NAME	VSL TYPE	CARGO	EXAM TYPE	LOCATION	LEAD PSCO

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
Unit's Name

Reply to
Attn of:

To: M. O. Ore, USCG Auxiliary

Subj: DESIGNATION AS AUXILIARY FOREIGN FREIGHT VESSEL EXAMINER

Ref: Auxiliary Assistant Foreign Freight Vessel Examiner Performance Qualification
Standard Workbook

1. Congratulations! You have completed all requirements necessary to perform the duties of an Auxiliary Assistant Foreign Freight Vessel Examiner. You are authorized to carry out the responsibilities of an Auxiliary Assistant Foreign Freight Vessel Examiner 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 Foreign Freight Vessel Examiner's Qualification Code "AUX-FFVE".

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