



# U. S. Coast Guard Sector



## Auxiliary Uninspected Towing Vessel Examiner Performance Qualification Standard

*[This page left intentionally blank]*

## **Sector Training Guide**

### **Auxiliary Uninspected Towing Vessel Examiner Performance Qualification Standard**

#### **Qualification Code: AUX-UTV**

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

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 and your Active Duty Unit Training Coordinator will record and certify the your qualification in Training Management Tool (TMT). 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.

*[This page left intentionally blank]*

## Auxiliary Uninspected Towing Vessel Examiner

<b>RECORD OF VERIFYING OFFICERS</b>			
<b>Date</b>	<b>Title</b>	<b>Verifying Officer's Name</b>	<b>Initials</b>

<b>RECORD OF MAJOR TASKS COMPLETED</b>		
<b>Task Number</b>	<b>Major Tasks</b>	<b>Date Completed</b>
1.0	Required Markings & Documents	
2.0	Navigation Safety	
3.0	Lifesaving Equipment	
4.0	MARPOL Annex V- Garbage Pollution Prevention	
5.0	Marine Sanitation Device	
6.0	Fire Fighting Equipment	
7.0	Pollution Prevention	
8.0	General Provisions for Fire Protection on Towing Vessels	
9.0	Fire Protection Measures for Towing Vessels	
10.0	Fire-Suppression Equipment for Tow Vessels	
11.0	General Housekeeping	

*[This page left intentionally blank]*

## Auxiliary Uninspected Towing Vessel Examiner

<b>RECORD OF COMPLETION</b>		
<b>Training Prerequisites</b>	<b>Date</b>	<b>Verifying Officer's Signature</b>
A. Completion of correspondence courses:		
1. Introduction to Marine Safety and Environmental Protection (IMSEP)		
2. Initial Indoctrination to Marine Safety (IIMS)		
3. ICS 100		
4. ICS 200		
5. ICS 210 <i>or</i> ICS 300		
6. IS 700		
7. IS 800		
B. Favorable DO PSI		
C. Completion of PQS Workbook.		
D. Designation Letter submitted for approval.		
E. Once Designation Letter is signed, enter certification in TMT		

Note: At a minimum, member must inspect at least *ten* Uninspected Tow Vessels.

All qualification requirements have been satisfactory completed by \_\_\_\_\_.

*[This page left intentionally blank]*

# **Auxiliary Uninspected Towing Vessel Examiner**

## **References**

The following references will aid you in completing the tasks in this PQS.

33CFR  
46CFR  
49CFR  
33USC  
46USC  
NFPA 10

## **Auxiliary Uninspected Towing Vessel Examiner**

*[This page left intentionally blank]*

## Auxiliary Uninspected Towing Vessel Examiner

<u>Task Number</u>	<u>AUX-UTV Task</u>	<u>Date Completed</u>	<u>Verifying Officer's Initials</u>
<b>1.0</b>	<b>Required Markings &amp; Documents</b>		
1.1	Official number clearly visible on Interior structural part of hull. 46CFR67.121	_____	_____
1.2	Review original Cert. Of Doc. (>5 GT) and is properly endorsed. 46CFR67.313(a)	_____	_____
1.3	Observe vessel with square bow has the name and hailing port clearly displayed and that letters are durable and not less than 4" in height. 46CFR123(b)(d)	_____	_____
1.4	Ensure vessel has valid radio station and radio operator's licenses or permit. 47CFR80.13 & 47CFR80.405	_____	_____
1.5	Inquire if vessel inspects towing and terminal gear. Verify by on deck exam. 33CFR164.72 (a)(3); 33CFR164.76	_____	_____
1.6	Review vessel log of required tests and Inspections. 33CFR164.78(b) & 164.80(a)	_____	_____
1.7	Review vessel operator(s) license for UTV's >26ft and properly endorsed for vessel and is the original on board. 46CFR15.610; 46USC8904; 46CFR26.20-1(a)	_____	_____
1.8	Check Logbook for proper manning per the "12 hour rule". 46USC8104(h)	_____	_____
1.9	On UTV's over 100GT, operating past the Line of Demarcation, determine if the crews possess valid Merchant Mariner Documents. 46USC871(a)	_____	_____
1.10	Valid Radar endorsement on operator/masters license. If prior to June 1, 1995 operator must hold a Certificate of Radar-Operation course. 46CFR15.815(c)	_____	_____

## Auxiliary Uninspected Towing Vessel Examiner

<u>Task Number</u>	<u>AUX-UTV Task</u>	<u>Date Completed</u>	<u>Verifying Officer's Initials</u>
1.11	Determine if Operator is aware of Marine Casualty reporting requirements. 46CFR4.05-1	_____	_____
1.12	Determine if operator is aware of <b>hazardous conditions</b> reporting requirements. 33CFR160.215 & 160.203	_____	_____
1.13	Determine if company has a chemical testing program and policy posted on board. 46CFR16.205 & 16.201	_____	_____
1.14	Determine if employee Assistance Program (EAP) educational/ hotline info is posted. 46CFR16.401(a)	_____	_____
1.15	Determine if all personnel aboard have taken a pre-employment drug test. 46CFR16.210	_____	_____
1.16	Examine Certificate of Financial Responsibility (COFR)(>300 GT). 33CFR138.100; 33CFR138.10-12	_____	_____
1.17	Review Declarations of Inspection within last month. 33CFR156.150	_____	_____
<b>2.0</b>	<b>Navigation Safety</b>		
2.1	Navigation Publications: >39.4 FT (or COTP Exemption Letter)		
	a. Marine charts of areas to be transited. Verify logbook entries. 33CFR164.72(b)(1)	_____	_____
	b. Coast Guard Light List & CG Local Notice to Mariners & USACOE. 33CFR164.72(b)(3)(i)(A)&(B)	_____	_____
	c. Copy of Inland Navigation Rules. 33CFR88.05	_____	_____
2.2	Navigation Equipment: (Exempt if limited to a specific geographic area.)		
	a. Marine Radar 33CFR164.72(a)(2)	_____	_____

## Auxiliary Uninspected Towing Vessel Examiner

<u>Task Number</u>	<u>AUX-UTV Task</u>	<u>Date Completed</u>	<u>Verifying Officer's Initials</u>
	b. Searchlight 33CFR164.72(a)(2)	_____	_____
	c. Two VHF-FM Radios. 33CFR164.72(a)(4) & 26.03	_____	_____
	d. Magnetic Compass (w/light) or Swing Meter. 3CFR164.72(a)(4)	_____	_____
2.3	Navigation Lights		
	a. Navigation side lights fitted w/black screens (>20M/65.6') 33CFR84.09	_____	_____
	b. Determine if bulbs are vertical filament type. UL1104/COLREGS	_____	_____
	c. Towing: two amber towing lights showing stern. 33USC2024(i)	_____	_____
2.4	Effective whistle and bell (>39.4') 33USC2033	_____	_____
<b>3.0</b>	<b>Lifesaving Equipment</b>		
3.1	Sufficient number of Serviceable CG approved PFDs. 46CFR25.25-5		
	a. All lifesaving equipment marked w/CG approval numbers. 46CFR25.25-7	_____	_____
3.2	Wearable lifesaving equipment readily accessible in staterooms and watch stations. 46CFR25-9(a)		
	a. Retroflective material PFD, Buoyant vest, or marine buoyant vest. 46CFR25.25-15	_____	_____
	b. Work vests CG approved. (CG approval #160.053 &180.064) 46CFR26.30-1	_____	_____
	c. Work vests stowed separately from PFDs.	_____	_____

## Auxiliary Uninspected Towing Vessel Examiner

<u>Task Number</u>	<u>AUX-UTV Task</u>	<u>Date Completed</u>	<u>Verifying Officer's Initials</u>
	46CFR26.30.10		
	d. At least one USCG approved ring lifebuoy if >26ft. 46CFR25.25-5(d)		
	e. Ring Buoys immediately available to be thrown. 46CFR25.25-9(b)	_____	_____
	f. All required lifesaving equipment in clean serviceable condition. 46CFR25.25-11	_____	_____
<b>4.0</b>	<b>MARPOL Annex V-Garbage Pollution Prevention</b>		
4.1	MARPOL Placard(s) posted. 33CFR159.7(a)(1)(2)		
	a. Review vessels compliance w/disposal of plastics, paper, rags, glass, metal, etc. 46CFR26.50-1, 33CFR151.67	_____	_____
	b. Garbage discharge into U.S. navigable waters prohibited, review vessel records. 33CFR151.63-66	_____	_____
4.2	<b>Define</b> what Marine Pollutant information is required for the different modes of transportation.	_____	_____
<b>5.0</b>	<b>Marine Sanitation Device</b>		
5.1	Certified Marine Sanitation Device installed & type I, II or III 33CFR159.7(a)(1)(2)	_____	_____
5.2	Placard posted with printed operating instructions, safety precautions and warnings pertinent to the device. 33CFR159.50		
	a. MSD overboard discharge valve installed, closed and locked for type III. 33CFR159.59	_____	_____
	b. Conduct flush test. 33CFR159.53 (c)	_____	_____

## Auxiliary Uninspected Towing Vessel Examiner

<u>Task Number</u>	<u>AUX-UTV Task</u>	<u>Date Completed</u>	<u>Verifying Officer's Initials</u>
------------------------	-------------------------	---------------------------	---

	c. Operable Type I, II, III system. 33CFR159.65	_____	_____
--	---	-------	-------

### 6.0 Fire Fighting Equipment

6.1 All required fire extinguishers CG or UL approved.  
46CFR25.30-10

	a. All required fire extinguishers have service tag attached. 46CFR25.30-10(d)	_____	_____
--	--	-------	-------

	b. Pressurized portable fire extinguishers hydrostatically tested. NFPA 10 & 49CFR173.304(a) & 173.34(e)(18) & 173.309	_____	_____
--	--	-------	-------

	c. Minimum number of Portable Fire Extinguishers for UTVs <65' 46CFR25.30-20(a)(1)	_____	_____
--	--	-------	-------

	d. Minimum number of portable fire extinguishers for Motor Vessels. (over 65') 46CFR25.30-20(b)(1)	_____	_____
--	--	-------	-------

	e. Additional B-IIs carried in machinery space for each 1,000 B.H.P. of the main engines. 46CFR25.30-20(b)(2)(I)	_____	_____
--	--	-------	-------

	f. One B-III or fixed fire extinguishing system in engine room. (>300G.T.) 46CFR25.30-20(b)(2)(II)	_____	_____
--	--	-------	-------

	g. Portable fire extinguishers serviced annually by NFPA certified service company or monthly by vessel crew. NFPA 10	_____	_____
--	---	-------	-------

### 7.0 Pollution Prevention

## Auxiliary Uninspected Towing Vessel Examiner

<u>Task Number</u>	<u>AUX-UTV Task</u>	<u>Date Completed</u>	<u>Verifying Officer's Initials</u>
7.1	Prohibited Discharge Warning Placard (5X8") posted (>26') 33CFR155.450  a. Machinery or other oil not drained into the bilges. 33CFR155.770	_____	_____
7.2	100GT & above have a fixed internal oily waste/slop pumping system. 33CFR155.410  a. At least one pump installed to discharge oily mixtures through a fixed piping system to a reception facility. 33CFR155.410(a)(1)  b. Required piping system has at least 1 outlet accessible from the weather deck with stop valve and shore connection with MARPOL flange. 33CFR155.410	_____	_____
7.3	100GT tow vessel, or greater, fuel oil and bulk lubricating oil discharge containment. 33CFR155.320(b)  <b>OR</b> 5 gal. U.S. capacity bucket or containment available for fuel tank vents. 33CFR155.320(b)(1)(2)	_____	_____
7.4	Oily mixture (bilge slops)/fuel oil tank ballast water discharges on U.S. non-oceangoing ships. 33CFR155.330	_____	_____
7.5	250BBLS one crewmember holds a Tankerman "Person-in-Charge" MMD or holds valid master, mate, pilot, engineer, or OUTV license. 33CFR155.710(e)(1); 33CFR155.710(e)(2); 33CFR155.715	_____	_____
7.6	250BBLS Oil transfer procedures available for transferring to or from the vessel and from tank to tank within the vessel. 33CFR155.720	_____	_____
7.7	250BBLS contents of Oil Transfer Procedures satisfactory.	_____	_____

## Auxiliary Uninspected Towing Vessel Examiner

<u>Task Number</u>	<u>AUX-UTV Task</u>	<u>Date Completed</u>	<u>Verifying Officer's Initials</u>
33CFR155.750(a)			
a.	List of each product transferred to or from the vessel. 33CFR155.750(a)(1)	_____	_____
b.	A description of each transfer system on the vessel including:33CFR155.750(a)(2)		
1.	A line diagram of the vessel's transfer piping.	_____	_____
2.	The location of the shutoff valve or other isolation device that separates any bilge or ballast system from the transfer system.	_____	_____
3.	A description of and procedures for emptying the discharge containment system required by 33CFR155.310 and 155.320.	_____	_____
c.	The number of persons required being on duty during transfer operations. 33CFR155.750(a)(3)	_____	_____
d.	The duties by title of each officer person in charge, Tankerman, deckhand, and any other person required for each transfer. 33CFR155.750(a)(4)	_____	_____
e.	Procedures and duties assigned for vessel's moorings during the transfer of oil or hazardous material. 33CFR155.750(a)(5)	_____	_____
f.	Procedures for operating the emergency shutdown and communications and communications means required by 33CFR155.780 and 155.785. 33CFR155.750(a)(6)	_____	_____
g.	Person-in-charge must sign Declaration of	_____	_____

## Auxiliary Uninspected Towing Vessel Examiner

<u>Task Number</u>	<u>AUX-UTV Task</u>	<u>Date Completed</u>	<u>Verifying Officer's Initials</u>
	Inspection. 33CFR155.150		
	h. Procedures for topping off tanks and that all valves used during the transfer operations are closed upon completion of transfer. 33CFR155.750(a)(7-8)	_____	_____
	i. Procedures for reporting discharges of oil or HAZMAT into the water. 33CFR155.750(a)(9)	_____	_____
	j. Procedures for operation of vessel openings in 33CFR155.815. 33CFR155.750(a)(10)	_____	_____
<b>8.0</b>	<b>General Provisions for Fire Protection on Towing Vessels</b>		
8.1	Towing vessels affected by this part 46CFR27.100	_____	_____
8.2	Definitions: 46CFR27.101		
	a. Areas included in Accommodation	_____	_____
	b. Engine room	_____	_____
	c. Existing Towing Vessel	_____	_____
	d. Fixed fire-extinguishing system	_____	_____
	e. Fleeting Area	_____	_____
	f. New Towing Vessel	_____	_____
	g. Operating Station	_____	_____
	h. Towing Vessel	_____	_____
	i. Work space	_____	_____
<b>9.0</b>	<b>Fire Protection Measures for Towing Vessels</b>		

## Auxiliary Uninspected Towing Vessel Examiner

<u>Task Number</u>	<u>AUX-UTV Task</u>	<u>Date Completed</u>	<u>Verifying Officer's Initials</u>
9.1	Requirements for a general alarms 46CFR27.201	_____	_____
9.2	Requirements for fire detection 46CFR27.203	_____	_____
9.3	Requirements for internal communication systems 46CFR27.205	_____	_____
9.4	Requirements for fuel shut-offs 46CFR27.207	_____	_____
9.5	Requirements for training crews to respond to fires 46CFR27.209	_____	_____
9.10	Specifications for fuel systems on towing vessels whose construction as contracted on or after January 18,2000. 46CFR27.211		
	a. Portable fuel systems	_____	_____
	b. Fuel restrictions	_____	_____
	c. Vent pipes for integral fuel tanks	_____	_____
	d. Fuel piping	_____	_____
	1. Aluminum piping	_____	_____
	2. Nonmetallic flexible hose	_____	_____
	3. Nonmetallic flexible hose complying with SAE J1942	_____	_____
	e. A tow vessel of less than 24 meters (79 feet)	_____	_____
<b>10.0</b>	<b>Fire-Suppression Equipment for Tow Vessels</b>		
10.1	Requirements for fire pumps, fire mains, and fire hoses. 46CFR27.301	_____	_____
10.2	Requirements for fire-extinguishing equipment on towing vessels in inland service and ocean or coastal	_____	_____

## Auxiliary Uninspected Towing Vessel Examiner

<u>Task Number</u>	<u>AUX-UTV Task</u>	<u>Date Completed</u>	<u>Verifying Officer's Initials</u>
	service whose construction was contracted before August 27, 2003 46CFR27.303		
10.3	Requirements for fire-extinguishing equipment on towing vessels in ocean or coastal service whose construction was contracted on or after August 27, 2003 46CFR27.305	_____	_____
<b>11.0</b>	<b>General Housekeeping</b>		
11.1	Living spaces	_____	_____
11.2	Galley cleanliness and refrigeration	_____	_____
11.3	Main deck stanchions and chains	_____	_____
11.4	Fuel tank vents covered w/flame screens & fresh water tanks are covered with bug screens.	_____	_____
11.5	Machinery space conditions	_____	_____
11.6	Electrical systems	_____	_____
11.7	Steering system	_____	_____

*[This page left intentionally blank]*





*[This page left intentionally blank]*



*[This page left intentionally blank]*

U.S. Department of  
Homeland Security

United States  
Coast Guard



## SAMPLE LETTER OF DESIGNATION

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 TOW VESSEL EXAMINER

Ref: Auxiliary Uninspected Tow Vessel Examiner Performance Qualification Standard  
Workbook

1. Congratulations! You have completed all requirements necessary to perform the duties of a Uninspected Tow Vessel Examiner. You are authorized to carry out the responsibilities of an Auxiliary Uninspected Tow 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 Tow Vessel Examiner's Qualification Code "AUX-UTV".

#

*[This page left intentionally blank]*