



### **Tailored Evaluation Guides**

These evaluation guides cannot hope to, nor are they intended to be all inclusive of explosives safety regulations. They are intended to help activities navigate the many regulations that mitigate the risk of a mishap while handling explosives. Managers and handlers alike should be thoroughly familiar with all references and regulations that impact explosives operations.



Environmental and Explosives Safety Evaluation Guide

### **Squadrons (Flying)**



EVG-SF-002 Sep 22

#### **Program 1: ES Administration/Management**

#### **Element 01 - Explosives Safety Management**

<u>ID#</u>	Evaluation Question	Reference(s)	<u>Chpt</u>	Paragraph	
10106	Does the Activity/Command conducting ammunition or explosives operations have on file an up-to- date set of ordnance publications, technical manuals, safety manuals, instructions, and other pertinent data that cover all ordnance material, ammunition and ammunition components applicable to that activity?	MCO 5100.29C Vol 8	9	0904	[ ]Yes [ ]No [ ]N/A
		NAVSEA OP 5 Vol 1	1	1-5.2.1	
10114	Are all certified inert ordnance items properly identified and marked with a serial number containing the unit identification code (UIC) or reporting unit code (RUC) of the EOD unit where the item was certified inert, and a unique number?	MCO 5100.29C Vol 8	2	0205.B	[ ]Yes [ ]No [ ]N/A
		NAVSEA OP 5 Vol 1	2	2-1.4.7.c	
10115	Have ordnance items that have been rendered inert by removal of explosive material and used for museum displays, training or other purposes been properly certified as inert by Explosive Ordnance Disposal personnel? Are the minimum data requirements of the certification met?	MCO 5100.29C Vol 8	2	0205.a.5 thru 0205.a.7	[ ]Yes [ ]No [ ]N/A
	Element 03 -Emergency Management/Fire Plans/Maps				
<u>ID#</u>	Evaluation Question	Reference(s)	<u>Chpt</u>	Paragraph	
10305	Is the Activity/Commands Fire Bill posted conspicuously throughout the Activity/Commands, including the magazine area, and are the Fire Bills reviewed/updated semiannually?	NAVSEA OP 5 Vol 1	4	4-3.1.1	[ ]Yes [ ]No [ ]N/A
10306	Does the General Fire Bill have the minimum required instructions in the event of a fire?	NAVSEA OP 5 Vol 1	4	4-3.1.1.a thru 4-3.1.1.1	[ ]Yes [ ]No [ ]N/A
	Element 04 - Safety Equipment/Fire Protection				
<u>ID#</u>	Evaluation Question	Reference(s)	<u>Chpt</u>	Paragraph	
10406	Is fire protection/fire fighting equipment in good order and inspected at the correct periodicity?	NAVSEA OP 5 Vol 1	4	4-1.5	[ ]Yes [ ]No [ ]N/A

A REAL PROPERTY OF	PIS SYSTEMS CONTACT OF THE REAL PROPERTY OF THE REA	Marine Corps Systems C Environmental and Explosives Safety Eva Squadrons (Flying)		EVG-S	SF-002 Sep 22	REAL PROVINCE ADDRESS OF THE P
10407	Does the installed fire protection/fire fighting e stored/processed therein?	equipment meet the requirements for the material	NAVSEA OP 5 Vol 1	4	4-3.6, 4-3.9	[ ]Yes [ ]No [ ]N/A
10408	Is the "no articles of adornment" rule enforced equipment is being operated or where material	in locations where explosive materials are exposed, is being physically handled?	NAVSEA OP 5 Vol 1	2	2-4.9.1	[ ]Yes [ ]No [ ]N/A
	Element 07 - Explosives Safety Training	5				
<u>ID#</u>	Evaluation Question		Reference(s)	<u>Chpt</u>	Paragraph	
10708	Have Unit/Tenant commanders (Regimental/So appointed a unit Explosives Safety Representat	quadron or higher), having an explosives mission , ive (ESR)?	MCO 5100.29C Vol 8	8	0806	[ ]Yes [ ]No [ ]N/A
Progra	m 2: Facility Certification/Master Planni	ng				
	Element 02 - Site Compliance					
<u>ID#</u>	Evaluation Question		Reference(s)	<u>Chpt</u>	Paragraph	
20201	Have all Potential Explosion Sites (PESs) been required? Is that number at least 6 inches high?	assigned NAVFACENGCOM building numbers if	NAVSEA OP 5 Vol 1	8	8-8.1	[ ]Yes [ ]No [ ]N/A
Progra	m 3: A&E Qualification/Certification					
	Element 01 - Implementation					
<u>ID#</u>	Evaluation Question		Reference(s)	<u>Chpt</u>	Paragraph	
30101	Is a QUAL/CERT Program in effect for all per	sonnel working with Ammunition and Explosives?	MCO 8023.3D, ENCL 1	1	4.a thru 4.p	[ ]Yes [ ]No [ ]N/A
			NAVSEA OP 5 Vol 1	2	2-3.2	
	Element 02 - Training					
<u>ID#</u>	Evaluation Question		Reference(s)	<u>Chpt</u>	Paragraph	
30201		mily groups and work task codes (annually or semi-	MCO 8023.3D, ENCL 1	1	13	[ ]Yes [ ]No [ ]N/A
	annually as applicable) been appropriately doc V(W) Qualification Certification Program?	umented for personnel in the Class V(A) and Class	MCO 8023.3D, ENCL 1	2	11	
			MCO 8023.3D, ENCL 1	3	14	



**Environmental and Explosives Safety Evaluation Guide** 

### **Squadrons (Flying)**



30202	Does the unit operating a Class V(A) or V(W) Qualification Certification Program have a structured training program that supports the certification of qualified personnel?	MCO 8023.3D, ENCL 1	2	11	[ ]Yes [ ]No [ ]N/A
		MCO 8023.3D, ENCL 1	3	14	
30204	Have personnel in the Class V(A) Qualification Certification Program completed a training syllabus for the current level of certification they hold prior to the granting of that certification?	MCO 8023.3D, ENCL 1	3	13	[ ]Yes [ ]No [ ]N/A
30205	Have all employees (military/civilian) received mandatory A&E explosives safety training?	MCO 8023.3D, ENCL 1	1	13	[ ]Yes [ ]No [ ]N/A
		NAVSEA OP 5 Vol 1	2	2-3.3, Appendix D	
30206	Have all personnel that have not completed the 2311 or 6500 MOS formal training (military/civilian) received mandatory explosives safety training through AMMO-18 prior to being certified?	MCO 8023.3D, ENCL 1	2	10.a	[ ]Yes [ ]No [ ]N/A
		MCO 8023.3D, ENCL 1	3	10.a, 12.b	
	Element 03 - Qualification				
<u>ID#</u>	Element 03 - Qualification Evaluation Question	Reference(s)	<u>Chpt</u>	<u>Paragraph</u>	
<u>ID#</u> 30301	-	Reference(s) MCO 8023.3D, ENCL 1	<u>Chpt</u> 1	<u>Paragraph</u> 5.b	[]Yes[]No[]N/A
	Evaluation Question		<u>Chpt</u> 1 2		[ ]Yes [ ]No [ ]N/A
	Evaluation Question	MCO 8023.3D, ENCL 1	1	5.b	[ ]Yes [ ]No [ ]N/A [ ]Yes [ ]No [ ]N/A
30301	Evaluation Question Have all personnel engaged in explosives operations been certified by qualified medical personnel? Are personnel who hold a certification and fail to meet annual AA&E screening or periodic medical	MCO 8023.3D, ENCL 1 NAVSEA OP 5 Vol 1	1	5.b	
30301	Evaluation Question Have all personnel engaged in explosives operations been certified by qualified medical personnel? Are personnel who hold a certification and fail to meet annual AA&E screening or periodic medical	MCO 8023.3D, ENCL 1 NAVSEA OP 5 Vol 1 MCO 5530.14A, ENCL 1	1	5.b 2-3.1	
30301	Evaluation Question Have all personnel engaged in explosives operations been certified by qualified medical personnel? Are personnel who hold a certification and fail to meet annual AA&E screening or periodic medical	MCO 8023.3D, ENCL 1 NAVSEA OP 5 Vol 1 MCO 5530.14A, ENCL 1 MCO 8023.3D, ENCL 1	1 2 App I 1	5.b 2-3.1 5.a	



**Environmental and Explosives Safety Evaluation Guide** 

#### **Squadrons (Flying)**



30307	Are sufficient number of qualified/certified Board Members being maintained at all times?	MCO 8023.3D, ENCL 1	2	7	[ ]Yes [ ]No [ ]N/A
		MCO 8023.3D, ENCL 1	3	7	
30308	Are rank/grade waivers, as authorized, for Class V(A) and V(W) Board Members and qualification categories processed as required?	MCO 8023.3D, ENCL 1	2	7.d, 10.b	[ ]Yes [ ]No [ ]N/A
		MCO 8023.3D, ENCL 1	3	7.d, 10.b, 10.d	
	Element 04 - Certification				
<u>ID#</u>	Evaluation Question	Reference(s)	<u>Chpt</u>	<u>Paragraph</u>	
30401	Is the Board Chair designated in writing or via ASM by the Commander?	MCO 8023.3D, ENCL 1	2	4.b	[ ]Yes [ ]No [ ]N/A
		MCO 8023.3D, ENCL 1	3	4.b	
30402	Are Certification Board Members designated in writing or via ASM by the Commander or Board Chairman when appropriately delegated (Class V (W) programs only)?	MCO 8023.3D, ENCL 1	2	4.b	[ ]Yes [ ]No [ ]N/A
		MCO 8023.3D, ENCL 1	3	4.b	
30404	If Board Member assignment of an individual in the grade of E-6 or higher or civilian equivalent is not possible, has a waiver been submitted to the approving authority via the chain of command?	MCO 8023.3D, ENCL 1	2	7.d	[ ]Yes [ ]No [ ]N/A
		MCO 8023.3D, ENCL 1	3	7.d	
30405	Are all Qualification Certification Program recommendations for certification made by board members who are certified in the same A&E, work task codes, and certification level for which they are recommending certification?	MCO 8023.3D, ENCL 1	2	7.b	[]Yes[]No[]N/A
		MCO 8023.3D, ENCL 1	3	7.b	
30407	Are certifications reviewed and signed by the Commander or Board Chairperson in conjunction with and at the same periodicity as the AA&E Screening?	MCO 8023.3D, ENCL 1	1	9.a	[ ]Yes [ ]No [ ]N/A



**Environmental and Explosives Safety Evaluation Guide** 

### **Squadrons (Flying)**



	Element 05 - Qual/Cert Records				
<u>ID#</u>	Evaluation Question	Reference(s)	<u>Chpt</u>	Paragraph	
30505	Are certifications correctly maintained within ASM and eQual?	MCO 8023.3D, ENCL 1	2	9	[ ]Yes [ ]No [ ]N/A
		MCO 8023.3D, ENCL 1	3	9	
Progra	m 5: A&E Facilities				
	Element 01 - General A&E Facilities (Mags/RSLs/OBs/RFIs)				
<u>ID#</u>	Evaluation Question	Reference(s)	<u>Chpt</u>	Paragraph	
50101	Where different types of A&E are stored together, is storage compatibility maintained?	NAVSEA OP 5 Vol 1	3	3-9, Table 3-10	[ ]Yes [ ]No [ ]N/A
50112	Are empty container requirements being met?	NAVSEA OP 5 Vol 1	11	11-1.5	[]Yes[]No[]N/A
50113	Are magazines/magazine areas inspected prior to initial use/reuse after being empty, and periodically while in use?	NAVSEA OP 5 Vol 1	11	11-9.1	[]Yes[]No[]N/A
50114	Are correct fire division, chemical hazard or fire direction symbols posted outside hazardous materials storage sites?	NAVSEA OP 5 Vol 1	4	4-4.2.9, Figures 4-3 thru Figure 4-5, Tables 4-1 thru Table 4-3	[ ]Yes [ ]No [ ]N/A
50115	Is the quantity of A&E stowed within authorized limits?	NAVSEA OP 5 Vol 1	11	11-2.2.2	[]Yes[]No[]N/A
50116	Are explosive limit signs posted/painted (indicating maximum authorized quantity of explosives permitted by class and division) in all storage locations and related areas? For storage locations that include C/D 1.2.1 or 1.2.3 is an MCE weight posted?	NAVSEA OP 5 Vol 1	7	7-4.4, 7-4.4.2.1, 7-4.4.3.2	[ ]Yes [ ]No [ ]N/A
50119	Are A&E containers clean, dry, and properly marked before being stowed? Are all containers closed and securely fastened?	NAVSEA OP 5 Vol 1	11	11-1.4.1	[ ]Yes [ ]No [ ]N/A
50121	Are flame or spark producing devices prohibited in or around potential explosion sites? Where smoking is allowed are the areas designated and do they meet the requirements of NAVSEA OP 5?	NAVSEA OP 5 Vol 1	2	2-4.9.5, 4-1.6.1 thru 4- 1.6.3	[]Yes[]No[]N/A

A CONTRACTOR OF	Marine Corps Systems C Environmental and Explosives Safety Eva Squadrons (Flying)				
ARTERS MARIN				SF-002 Sep 22	GROUND AMAN
50123 Are general safety precautions posted or lis posted?	red in current SOP? Are specific safety precautions	NAVSEA OP 5 Vol 1	11	11-2.7.2	[]Yes[]No[]N/A
50137 Is rough handling of A&E observed?		NAVSEA OP 5 Vol 1	10	10-1.1.1	[ ]Yes [ ]No [ ]N/A
Element 02 - Operating Buildings					
ID# Evaluation Question		Reference(s)	<u>Chpt</u>	Paragraph	
50216 Are explosives limits posted at all locations	where required?	NAVSEA OP 5 Vol 1	7	7-4.4, 7-4.4.1.2	[ ]Yes [ ]No [ ]N/A
Element 03 - A&E Physical Security					
ID# Evaluation Question		Reference(s)	<u>Chpt</u>	<u>Paragraph</u>	
50301 Are AA&E physical security surveys condu	cted annually?	MCO 5530.14A, ENCL 1	3	3001.5.a.2	[ ]Yes [ ]No [ ]N/A
50302 Do the AA&E physical security surveys in 5530.14A?	clude the required information outlined in MCO	MCO 5530.14A, ENCL 1	8	8014.1 thru 8014.5	[]Yes[]No[]N/A
50303 Are original, signed surveys (paper or elect	conic copies) maintained for three years?	MCO 5530.14A, ENCL 1	3	3001.5.12	[ ]Yes [ ]No [ ]N/A
50304 Is a key control register containing all requi keys? Are the registers maintained for at le	red information maintained to ensure accountability of ast three years?	MCO 5530.14A, ENCL 1		3005.6, Appendix G	[]Yes[]No[]N/A
50305 Has an access control custodian been appoidepartment head, directorate, etc.)?	nted in writing by the head of the functional area (e.g.,	MCO 5530.14A, ENCL 1	3	3005.2	[]Yes[]No[]N/A
50306 Does the access control custodian have una	ccompanied access or a PIN to AA&E facilities?	MCO 5530.14A, ENCL 1	8	8010.1	[ ]Yes [ ]No [ ]N/A
50307 Are all AA&E safe combinations changed a	nnually or when personnel rotate?	MCO 5530.14A, ENCL 1	8	8010.1.d	[ ]Yes [ ]No [ ]N/A
50308 Are all security locks, padlocks, and lock co location to the another within the same leve	pres designated as high security rotated annually from one l areas of protection?	MCO 5530.14A, ENCL 1	3	3005.4	[]Yes[]No[]N/A
50309 Are personnel authorized access to AA&E	keys designated in writing by the Commanding Officer?	MCO 5530.14A, ENCL 1	8	8010	[ ]Yes [ ]No [ ]N/A
50311 Are keys to Category III and IV AA&E stor	red in containers of at least 12-gauge steel or equivalent?	MCO 5530.14A, ENCL 1	8	8010.3.b.2	[]Yes[]No[]N/A



## **Marine Corps Systems Command**

**Environmental and Explosives Safety Evaluation Guide** 

### **Squadrons (Flying)**



EVG-SF-002 Sep 22 3005.2, 3005.6.f MCO 5530.14A, ENCL 1 3 [ ]Yes [ ]No [ ]N/A

50313	Has an access control custodian performed semiannual inventories of all keys and log accounts and retained those records for the last three years?	MCO 5530.14A, ENCL 1	3	3005.2, 3005.6.f	[ ]Yes [ ]No [ ]N/A
50314	Is a pass, badge, access roster or sign-in/out system used for restricted areas?	MCO 5530.14A, ENCL 1	8	8008.2	[]Yes[]No[]N/A
50315	Are visitor control logs or entry rosters used to track the ingress and egress of visitors and maintained for at least three years?	MCO 5530.14A, ENCL 1	8	8008.2.a	[ ]Yes [ ]No [ ]N/A
50316	Are areas containing risk category AA&E posted as restricted areas?	MCO 5530.14A, ENCL 1	8	8008.1.a	[]Yes[]No[]N/A
50317	Is an AA&E Screening Officer (commissioned officer, warrant officer, staff non-commissioned officer, or GS-9 and above) appointed by the Commanding Officer?	MCO 5530.14A, ENCL 1	8	8002.1.d.1	[ ]Yes [ ]No [ ]N/A
50318	Are keys to AA&E facilities maintained separately from all other racks, containers, and miscellaneous keys?	MCO 5530.14A, ENCL 1	8	8010.2	[]Yes[]No[]N/A
50320	Has a strict key and lock security and access control program been established?	MCO 5530.14A, ENCL 1	3	3005	[]Yes[]No[]N/A
50321	Are Arms, Ammunition, and Explosives (AA&E) screenings properly conducted and documented for all personnel involved in the custody, maintenance, disposal, distribution, or security of AA&E?	MCO 5530.14A, ENCL 1	8	8002.1	[ ]Yes [ ]No [ ]N/A
		MCO 5530.14A, ENCL 1	App I		
50322	Has the activity possessing AA&E (including personnel responsible for custody, maintenance, disposal, distribution, and security of AA&E items) established and conducted an annual training program for personnel with AA&E related duties? Is that training documented and maintained in the individuals record or through the Qualification Certification Program?	MCO 5530.14A, ENCL 1	8	8002.3	[ ]Yes [ ]No [ ]N/A
Progra	m 6: LPS/Grounding/Emissions Control				
	Element 01 - HERO/EMCON				

<u>ID#</u>	Evaluation Question	Reference(s)	<u>Chpt</u>	<u>Paragraph</u>	
60104	Are portable and mobile radios properly labeled with the HERO unsafe and HERO susceptible ordnance separation distance as indicated in the HERO survey report?	NAVSEA OP 3565 Vol 2	1	1-8.2, Figure 1-5	[ ]Yes [ ]No [ ]N/A



**Environmental and Explosives Safety Evaluation Guide** 

### **Squadrons (Flying)**



	Element 02 - Grounding System Test Plan				
<u>ID#</u>	Evaluation Question	Reference(s)	<u>Chpt</u>	Paragraph	
60210	Are ordnance ground systems visually inspected at least every six months and tested at least every 24 months?	NAVSEA OP 5 Vol 1	5	5-5.4.5.1, 5-5.4.5.2	[ ]Yes [ ]No [ ]N/A
60214	Is test equipment used to measure the earth resistance specifically designed for earth ground system testing?	NAVSEA OP 5 Vol 1	5	5-8.2.4	[ ]Yes [ ]No [ ]N/A
	Element 03 - Lightning Protection and Grounding Maintenance				
<u>ID#</u>	Evaluation Question	Reference(s)	<u>Chpt</u>	Paragraph	
60316	Are commercially built, pre-engineered "portable" magazines/magazine groups properly grounded to provide 25 ohms or less ground resistance?	NAVSEA OP 5 Vol 1	6	6-8.2.2.1, 6-8.2.2.2	[ ]Yes [ ]No [ ]N/A
60328	Has criteria been established for terminating A&E operations when required at the approach of a thunderstorm, and do the procedures allow for the termination of operations prior to a storm approaching within ten miles if required?	NAVSEA OP 5 Vol 1	6	6-10	[ ]Yes [ ]No [ ]N/A
60329	Are cables used to connect Ready Service Lockers to ground rods made of AWG No. 1/0 uninsulated copper with strands not less than AWG No. 17?	NAVSEA OP 5 Vol 1	5	5-4	[ ]Yes [ ]No [ ]N/A
60330	Are single portable magazines larger than 25 square feet grounded using a minimum of two separate ground rods, each placed in a different corner?	NAVSEA OP 5 Vol 1	6	6-8.2.2.1	[ ]Yes [ ]No [ ]N/A
60332	Are connector fittings attached so as to withstand a pull test of 200 pounds? Are the fittings of the bolted, welded, high-compression, or crimp type?	NAVSEA OP 5 Vol 1	4	4.12	[ ]Yes [ ]No [ ]N/A
60333	Are all bonding connections and conductor splices unpainted?	NAVSEA OP 5 Vol 1	8	8.5.4.4	[]Yes[]No[]N/A
Progra	m 7: Munition/Environmental				
	Element 03 - MPPEH				
<u>ID#</u>	Evaluation Question	Reference(s)	<u>Chpt</u>	Paragraph	
70301	Does the installation manage MPPEH in accordance with DoDI 4140.62 (MPPEH)?	MCO 5090.2 Vol 21	3	0305	[ ]Yes [ ]No [ ]N/A



**Environmental and Explosives Safety Evaluation Guide** 

#### **Squadrons (Flying)**



No.	WTERS MARINE C		EVG-8	SF-002 Sep 22	GROUND AMMUNU
70302	Does the installation ensure that MPPEH or MDEH is not transported or shipped over public transportation routes unless determined safe for transport?	MCO 5090.2 Vol 21	6	0612.b	[ ]Yes [ ]No [ ]N/A
70304	Does the installation ensure that explosives safety status of material to be transferred within or released from DoD has been established by either a 100% inspection and another 100% independent reinspection or processing by a DDESB approved means with an appropriate post-processing inspection?	MCO 5090.2 Vol 21	3	030504	[ ]Yes [ ]No [ ]N/A
70316	Does the installation maintain controlled access to areas used to hold MDAS?	MCO 5100.29C Vol 8	6	0613	[]Yes[]No[]N/A
		NAVSEA OP 5 Vol 1	13	13-15.4.1.6	
70317	Does the installation have a process in place to ensure the proper chain of custody for MDAS?	MCO 5090.2 Vol 21	3	030513	[ ]Yes [ ]No [ ]N/A
70318	Are adequate controls and documented procedures in place to prevent commingling of MPPEH, MDAS, and MDEH?	MCO 5100.29C Vol 8	6	0611.a	[ ]Yes [ ]No [ ]N/A
		NAVSEA OP 5 Vol 1	13	13-15.6.1	
70320	Does the installation ensure that personnel who inspect, process, or document MPPEH shall be trained in:	MCO 5090.2 Vol 21	3	030507	[ ]Yes [ ]No [ ]N/A
	<ul> <li>-Recognition and safe handling of used and unused military munitions and specific types of MPPEH.</li> <li>-Demilitarization and trade security controls and procedures that apply to MPPEH, MDEH, and MDAS that is to be released from DoD control.</li> <li>-Identification, management and processing requirements that may apply to specific types of MPPEH or MDEH.</li> </ul>				
70349	Does the installation ensure that empty ammunition/weapon containers are managed as MPPEH until certified as safe?	MCO 5100.29C Vol 8	6	0610	[ ]Yes [ ]No [ ]N/A
		NAVSEA OP 5 Vol 1	13	13-15.10	
70350	Does the activity retain legible copies of all documents supporting the explosives safety status of the material as MDAS or MDEH for a minimum of three years?	NAVSEA OP 5 Vol 1	13	13-15.5.3	[]Yes []No []N/A
70351	Is all MPPEH certified as MDAS prior to being taken off the range or point of use?	MCO 5100.29C Vol 8	6	0606.a	[]Yes[]No[]N/A



**Environmental and Explosives Safety Evaluation Guide** 

#### **Squadrons (Flying)**



State of the second	TERS MARINE C		EVG-S	5F-002 Sep 22	GROUND AMMUT
70352	Does the activity have written procedures for MPPEH operations covering management, assessment, and documentation requirements?	NAVSEA OP 5 Vol 1	13	13-15.2.4	[ ]Yes [ ]No [ ]N/A
70355	Are personnel who are authorized to inspect MPPEH and document the explosives safety status designated in writing by the CO or responsible individual? Does the letter identify the type of MPPEH the individuals are authorized to inspect and include sample signatures?	MCO 5100.29C Vol 8	6	0606.c	[ ]Yes [ ]No [ ]N/A
70356	Is MDAS certified by a 1348-1A or local form as authorized by the CO? Does the certification identify the material type and contain dual signatures?	MCO 5100.29C Vol 8	6	0607.b	[ ]Yes [ ]No [ ]N/A
	Is MDAS certified by a 1348-1A or local form as authorized by the CO? Does the certification identify the material type and contain dual signatures?	MCO 5100.29C Vol 8	6	0607.b	[ ]Yes [ ]No [ ]N/A
Progra	m 8: AA&E Transportation & Equipment				
	Element 01 - Motor Vehicle Transportation				
<u>ID#</u>	Evaluation Question	Reference(s)	<u>Chpt</u>	Paragraph	
80133	Do all military, DON Civilian, and contract personnel assigned as explosives motor vehicle operators and explosives handlers have the appropriate special duty certification examinations completed at the required periodicity ((2 years for Motor Vehicle Operator (720) and no longer than 5 years for Explosives Handlers (721))?	NAVMED P-117 Article 15-107	15	2, 3	[ ]Yes [ ]No [ ]N/A
80134	Are Military explosives drivers at least 18 years of age or older to operate motor vehicles transporting AA&E on and off-station?	DTR 4500.9 Part II, Chap 204		B.3.B.1.A	[ ]Yes [ ]No [ ]N/A
80135	<ul> <li>Have all drivers of explosives laden vehicles met the following requirements:</li> <li>Ammunition and Explosives Driver 12-Hour Training Course with 4-hour refresher every 2 years</li> <li>Possess an OF 346 with the follow</li> </ul>	NAVSEA OP 5 Vol 1	App D	D-3.i	[ ]Yes [ ]No [ ]N/A
	<ul> <li>Have all drivers of explosives laden vehicles met the following requirements:</li> <li>Ammunition and Explosives Driver 12-Hour Training Course with 4-hour refresher every 2 years</li> <li>Possess an OF 346 with the following verbiage: Explosives Driver - Must Hold a Current Medical Certificate</li> </ul>	NAVSEA SW020-AF- HBK-010	2	2-2.d, 2-2.e	[ ]Yes [ ]No [ ]N/A

A REAL PROPERTY OF	Environmental and Explosives Safety Eva Squadrons (Flying)		EVG-S	SF-002 Sep 22	REAL PROLING AUTOR
80136	Are all on-base explosives drivers government vehicle operator Identification Card Form 346 annotated with the verbiage "VALID FOR USE ON BASE ONLY"?	NAVSEA SW020-AF- HBK-010	2	Table 2-1 Note3	[ ]Yes [ ]No [ ]N/A
80137	Are explosives AA&E drivers Government Vehicle Operator's Identification Card Form 346 issued for no more than two years for non-tactical vehicles and eight years for tactical vehicles?	MCO 11240.118A, Enclosure 1		5.c.1.a	[]Yes[]No[]N/A
		NAVSEA SW020-AF- HBK-010	3	3-2.1	
80139	Are wheels chocked and brakes set when cargo is being loaded or unloaded from a truck, trailer, or cargo container on a chassis or trailer? Are only approved chocks utilized?	NAVSEA OP 5 Vol 1	12	12-6.5.1	[ ]Yes [ ]No [ ]N/A
	Element 02 - Handling Equipment (General)				
<u>ID#</u>	Evaluation Question	Reference(s)	<u>Chpt</u>	Paragraph	
80201	Is only authorized/approved equipment used for A&E operations?	NAVSEA OP 5 Vol 1	10	10-3.1, 10.3.3	[ ]Yes [ ]No [ ]N/A
	Element 04 - Ordnance/Weight Handling Equipment (OHE/WHE)				
<u>ID#</u>	Evaluation Question	Reference(s)	<u>Chpt</u>	Paragraph	
80401	Is the OHE being utilized in the configuration for which it was designed, as shown in OP 2173, OR-67s, weapons technical manuals and other approved NAVAIR, DIRSSP or PHST Center handling equipment documentation?	NAVSEA OP 5 Vol 1	10	10-3.1.1	[ ]Yes [ ]No [ ]N/A
80402	Are hooks used in handling A&E "moused" or equipped with safety latches to prevent accidental unhooking?	NAVSEA OP 5 Vol 1	10	10-1.1.6	[]Yes[]No[]N/A
80406	Is OHE being inspected/tested as required?	NAVSEA OP 5 Vol 1	10	10-5.3.1	[ ]Yes [ ]No [ ]N/A
80407	Are required organizational level OHE inspections performed using applicable MRCs?	NAVSEA OP 5 Vol 1	10	10-5.3.1	[ ]Yes [ ]No [ ]N/A



**Environmental and Explosives Safety Evaluation Guide** 

#### **Squadrons (Flying)**



EVG-SF-002 Sep 22

Program 9: A&E Operations

#### **Element 01 - Airfield Operations**

<u>ID#</u>	Evaluation Question	Reference(s)	<u>Chpt</u>	Paragraph	
90103	Is a 50 feet fire safety distance (20 feet when the net explosive weight at the assembly area does not exceed 50 pounds 1.3 or 1.4) maintained between Practice Bombs, Decoy Flares and Chaff Bucket assembly/disassembly areas and any Ready Service Locker, (RSL), ready service magazine, portable magazine, or any other ordnance storage facility, and to any other structure or parked aircraft?	NAVSEA OP 5 Vol 1	7	7-11.2.1.6.b	[ ]Yes [ ]No [ ]N/A
90108	Are all the requirements met to store Captive Air Training Missiles in aircraft hangers?	NAVSEA OP 5 Vol 1	7	7-11.1.1.1	[ ]Yes [ ]No [ ]N/A
90113	Are aircraft grounded during AE loading/downloading evolutions?	NAVSEA OP 5 Vol 1	5	5-9.3	[ ]Yes [ ]No [ ]N/A
90114	Are aircraft ground cables being properly inspected, tested and records maintained?	MIL-HDBK-274A	5	5.14.1	[ ]Yes [ ]No [ ]N/A
		NAVSEA OP 5 Vol 1	5	5-9.7.2	
90116	Are facilities/rooms (within non-explosive facilities) used for storage and work on aircraft egress devices, signaling devices, life vests, and life rafts (limited amount of C/D 1.3 and 1.4 materials) approved by ESSOLANT/PAC, NOSSA or MARCORSYSCOM?	NAVSEA OP 5 Vol 1	7	7-12.12	[ ]Yes [ ]No [ ]N/A
90117	Do facilities/rooms (within non-explosive facilities) used for storage and work on aircraft egress devices, signaling devices, life vests, and life rafts have fire symbols posted on the facility and outside of the interior room and panic hardware on a minimum of one door (unless specified otherwise in site approval)?	NAVSEA OP 5 Vol 1	7	7-12.12	[ ]Yes [ ]No [ ]N/A
90118	Do facilities/rooms (within non-explosive facilities) used for storage and work on aircraft egress devices, signaling devices, life vests, and life rafts have a sprinkler system installed (If existing facility, may be operated with alarm if monitored during off duty hours and with less than 25 lbs. NEW 1.3 or 1.4 stored overnight)?	NAVSEA OP 5 Vol 1	7	7-12.12	[ ]Yes [ ]No [ ]N/A