TRANSPORTING HAZARDOUS MATERIAL





















HOW IT ALL STARTED

The 70th Congress established the DDESB, formerly called the Armed Forces Explosives Safety Board, in 1928 after a major disaster occurred at the Naval Ammunition Depot, Lake Denmark, New Jersey in 1926. The accident virtually destroyed the depot, causing heavy damage to adjacent Picatinny Arsenal and the surrounding communities, killing 21 people, and seriously injuring 51 others. The monetary loss to the Navy alone was \$46 million.

REFERENCES

- 49 Code of Federal Regulations
- NAVSEASWO20-AF-HBK-010
- ■MCO's
- ■MCBO's
- State / County



MCO 8020.13



MCO P8020.11



MCO P8020.10A

WHAT IT TAKES TO TRANSPORT HAZARDOUS MATERIAL



MEDICALLY QUAILIFIED

MEDICAL EXAMINER'S	S CERTIFICATE	_
i certify that I have examined	es, I find this person is qualified; and, if applicable	
☐ wearing corrective lenses		
wearing hearing ald		
The information i have provided regarding this physical examination any attachment embodies my findings completely and correctly, as		with
SIGNATURE OF MEDICAL EXAMINER	TELEPHONE DATE	
MEDICAL EXAMINER'S NAME AND POSITION (PRINT)		\neg
MEDICAL EXAMINER'S LICENSE OR CERTIFICATE NO. / ISSUING S	TATE	\dashv
SIGNATURE OF DRIVER	DRIVER'S LICENSE NO. STATE	
ADDRESS OF DRIVER		\neg
MEDICAL CERTIFICATE EXPIRATION DATE	<u>(FRON</u>	T)
CERTIFICATE OF QUA	LIFICATION	_
(Name of Driver)	* Employee Identification Number	
(Signature of Driver I certify that the above driver is regularly drivit named carrier and is fully qualified in accordance w OP 5. This certificate of qualification expires upon a Examiner's Certificate	ng a vehicle operated by the below ith the requirements of NAVSEA	

Military: Required every five years until age 50, then annually thereafter

MEDICAL E	EXAMINER'S CERTIFICA	TE -		
I certify that I have examined ner Safety Regulations (49 CFR 391.41-391.49) and with knowledge of the of	driving duties, I find this perso		accordance with the Federal Moto led; and, if applicable, only when:	
wearing corrective lenses	driving within an exemp	ot intracity	zone (49 CFR 391.62)	- 1
wearing hearing aid	accompanied by a Skill	Performa	ince Evaluation Certificate (SPE)	
accompanied by a waiver exemption	Qualified by operation	of 49 CFR	391.64	i
The information I have provided regarding this physical examination is tr completely and correctly, and is on file in my office.	rue and complete. A complet	te examin	ation form with any attachment	embodies my findings
SIGNATURE OF MEDICAL EXAMINER		TELEPH	IONE	DATE I
MEDICAL EXAMINER'S NAME (PRINT)			Danisia DA	hiropractor dvanced ractice urse
MEDICAL EXAMINER'S LICENSE OR CERTIFICATE NO/ISSUING STATE				
I SIGNATURE OF DRIVER		DRIVER	'S LICENSE NO.	STATE
ADDRESS OF DRIVER			,	
MEDICAL CERTIFICATE EXPIRATION DATE				

Civilians	: Condu	cted every	two years
until age	60, then	annually	thereafter

(BACK)

	NAVMC 10970 (4-75)
1 cert	ify that I have examined
LC	Pl Ronald Samuels
	arrier Safety Regulations (49 CFR 391 49-391 49) and with
D Gualified only when wearing	id him qualified under the regulations
O Qualified only when wearing	
A completed examination form	
12310	pez Street Quantico, VA
	IL censing Office Address)
C	MDR Joe Public
(Nac	ne of examining docto the inth
12/05/2008	GRO TUBLIC
Date of Camil	figurature of gapayning doctor!
12/05/2013	Konald Samuels

(I certify that I have examined)
John Jackson
[Oriver's name (Print)] Innce with the Motor Carrier Safety Regulations (49 CEB 59r.41-391 49) and with the e of his duties, I find him qualified under the regulations lifted only when wearing a orrective lenses affect only when wearing a hearing aid completed examination form for this peept on the ormy office at ak St., Jamestown, ARK
M. McKenna
examination [Name of examining doctor (Print)]
[Signature of driver]
[Address of driver] Reprinted by American Trucking Assas, in

EXPLOSIVE HANDLER/FORKLIFT ONLY DEPARTMENT MEDICAL EXAMPLE 1	ENT OF THE NAVY		123.24
	P 5 and NAVMED P-1		h
and with knowledge of the position	n duties of Explosive	Handler I find this person	
Qualified without restrictions	Qualified	with restrictions noted below	
A copy of this ex	amination is on file in my	office.	
Signature of Medical Examiner	Telephone No.	Exam Date	
Medical Examiner's Name (print)		MD/DO PA AN	P
Medical Examiner's License/Cert. No./Issuing State		Exam CertificateExpiration Da	te
Signature of Handler		Date of Birth (MM/DD/YYY	<u>Y)</u>
Restrictions (if any):			_
Limited to current position only			
OTHER (please specify)			
OPNAV 8020-2 (Rev 8-2008) NOTE: This Medical Certificate	is valid for Explosive Mhe/	FL(721) programs and Forklift (710) opera	tion.

TRAINING

- -Ammo 18 / Ammo 51 (Optional)
- Initial 12 Hour Course
 - General Safety
 - Vehicle Inspection and Security
 - Fire Prevention and Control
 - Cargo Hazard Classification, Package Marking and Labeling, and Vehicle Placarding
 - Loading Procedures
 - •HERO/HERF/HERP
 - •In-Transit Regulations
 - Testing
- Must Renew Every 2 Years







LICENSING

- Endorsement is valid for 2 years
- Must be 21 YOA Off-Base
- Must carry <u>all</u> credentials while transporting hazardous material
 - Military I.D. (CAC Card)
 - Proof of Drivers Improvement
 - Valid Medical Certificate
 - Valid OF-346
 - Valid State License
 - Civilians Must Have an "H" Endorsement on State License

							Card No.	Restrictions		
OF 346 11/83 USOPM FPM Chapter 930 U.S. Government Motor Vehic Operator's Identification Care				100099	Card# 1000-99 VOID PAGE IF LAMINATED Page 2 of 3 CORRECTIVE LENS REQUIRED *MEDICAL CERTIFICATE REQUIRED					
		Signature of Oper until signed)	ator (Nor valid	QUALIFIED TO OPERATE						
	Poster Constitue D			until Lignea)		Type Vehicle and/or equipment	Capacity	Qualifying Official		
Butler, Smedley D. M		1		M1123/998 (M500)	2 1/4 TON	Dan Dailez				
Date of Birth	Date of Birth Social Security No. Name and Location			on of Issuing Unit	M1152 W/ARMOR (M500)	21/2 TON	Dan Dailes			
10 Nov 75 xxxxx6780		MTIC,MARDET		*MK23/25/27/28 (M500)	15 TON	Dan Dailez				
Height	Weig	ht	Hair Color	Eye	Color	FLW, MO 65	473-5850			
70	195		BRN	GR	N	Signature and Titl Officer				
Date Issued				iller	OTHER RECORDS (Optional)					
01 Dec 99	•		30 Nov 03			LIC. OFFICE	R (M500)			
The helder	of this a	and in a	unlified to ensents	1115	-	ent vehicles and/or e				
specified, sub	bject to t	he rest				of this card. Card m				
times when o	perating	Gover	nment venicies.					NSN 7540-00-634-3999		50346-101

Restrictions Card# 1000-99 VOID PAGE IF LAMINATED	Page 3 of 3			
OUALIFIED TO OPERATE				
Type Vehicle and/or equipment	Capacity	Qualifying Official		
ENDORSEMENT PAGE ONLY	N/A			
*HAZARDOUS MATERIAL (M500)	FUEL	Dan Dailey		
OTHER RECORDS (Optional) * HAZMAT DRIVER MUST HOLD CURRE	ENT MEDICAL			
VALID STATE DRIVERS LICEN HAZMAT DRIVER ENDORSEMENT EXPE		0.0.0		
UNDER 21 VALID FOR USE ON-BASE ON	LY			

INTENT OF FEDERAL REGULATIONS



- Communicate the risk
- **Contain Material**
- Assure Safe Drivers and Equipment







COMMUNICATE THE RISK

- ID the Hazardous Material
- Placard Requirements
- ■DD Form 836







THIS IS TO CERTIFY THAT THE HEREIN NAMED MATERIALS ARE PROPERLY CLASSIFIED, DESCRIBED, PACKAGED, MARKED, AND LABELED, AND ARE IN PROPER CONDITION FOR TRANSPORTATION, ACCORDING TO THE APPLICABLE REGULATIONS OF THE DEPARTMENT OF TRANSPORTATION.

THE CARRIER CERTIFIES THAT THE CARGO TANK SUPPLIED FOR THIS SHIPMENT IS A PROPER CONTAINER FOR THE TRANSPORTATION OF THIS COMMODITY AS DESCRIBED BY THE SHIPPER.

THE SUPPLIER WHOSE NAME IS INDICATED ON THIS BOL IS RESPONSIBLE FOR COLLECTING AND REMITTING THE STATE MOTOR FUEL TAXES.

GASOLINE ADDITIZED TO MEET EPA DETERGENT ADDITIVE REQUIREMENTS.

THE DRIVER B	Y SIGNING THIS TICKET HEREBY CERTIFIES THAT TRANSPORT
WAS LOADED	AS SPECIFIED.
SIGN -	DATE

SOUTHEAST TERMINALS LLC

NON-NEGOTIABLE / BILL OF LADING

"FOR CHEMICAL EMERGENCY -SPILL, LEAK, FIRE, EXPOSURE OR ACCIDENT CALL CHEMTREC 800-424-9300 DAY OR NIGHT." (CHEMTREC CONTRACT #12365)

RECEIVED	QUANTITIES IN GOOD ORDER	1.000	
SIGN	DATE		

1 TANK TRUCK

GALLONS HAZARDS 5500

Gasoline Flammable Liquid, 3, UN1203, PGII 1000

Gasoline Flammable Liquid, 3, UN1203, PGII Diesel Fuel Combustible Liquid, 3, NA 1993, PG III

Product Loaded At: 8200-Terminal Rd., Newington VA 22122 Phone: (703)550-0408

SOLD TO: Exxon Branded

3225 Gallows Road

Fairfax, VA 22037-0001

SUPPLIER: ExxonMobil Corporation 3225 Gallows Road

Fairfax, VA 22037-0001

SAMUEL CORALUZZO COMPANY CARRIER:

1713 N. MAIN RD. VINELAND, NJ 08360 SHIP TO: VA Deliveries P/U NEWINGTON VA NEWINGTON, VA 22122

PETROEX/TABS # MANIFEST 0885091

ORDER # SPECIAL HANDLING 2213639

DATE

12/03/11

DRIVER NAME DRIVER # WATERS, DAVID 51808 END LOAD TIME LOAD SPOT

TRAILER NUMBER 03:50

	PRODUC	T IN	ORMATI	ON			***** A	DDITIVE		TOI	*****	
	PRODUCT ULSD15LubX ULSD15ppm LSD (See Note	OCT	GROSS 1500 1500	TEMP 43.2 43.2	GRAV 36.8	NET 1512	ADTV NAME	RATE	TARGET	GROSS	ADTV	olo olo .
152151	89 Mid Eth 87 RBOB	87	1000 593 306		63.5		EMPROP	.1829	.1830	.1812	99	Office

101 51.9 51.5 102 Gasoline (See Note 2) This product is reformulated gasoline containing detergent additive NON VOC- controlled. E10:contains between 9 & 10 ETHANOL VOL % ETHANOL. Do not mix with gasoline containing

anything other than between 9 and 10 VOL % ETHANOL

.1829 1.0065 1.001 99 % 53.6 62.3 5524 EMPROP 151151 87 Reg Eth 87 5500 53.8 63.5 4966 87 4945 87 RBOB 52.2 51.5 558

555 Gasoline (See Note 2) This product is reformulated gasoline containing detergent additive NON VOC- controlled, E10:contains between 9 & 10

VOL % ETHANOL. Do not mix with gasoline containing anything other than between 9 and 10 VOL % ETHANOL

HAZMAT // HAZMAT // HAZMAT // HAZMAT // HAZMAT

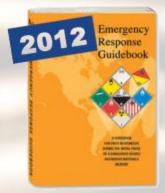
	RE:			d. CO	NTAINER	SEAL NO.:			
b. MODEL NO.:		e. SERIAL NO.:							
c. BUMPER NO.:					NUMBER	:			
2. SHIPPER NAME/	ADDRESS/TELEPHONE N	IO./DATE OF	PREPAI	RATION					3. PAGE
									OF PAGE
4. CARGO (To be co	ompleted by the unit or ship			ce (TO))					
UN/ID //nc/	PROPER SHIPPING NAME lude RQ, Technical Names, Ad		IAZARD CLASS/	SUBSIDIARY	PACKING GROUP	PACK		TOTAL NET	TOTAL AMMO
	ation per 49 CFR172.203, as r b.		IVISION c.	HAZARD d.	(PG) e.	NUMBER f.	KIND g.	QUANTITY h.	(NEW) i.
5. CONSIGNEE NAI 6. REMARKS	ME			D					
7.2 CODY OF FME	RGENCY RESPONSE GUI	DE NUMBEE		16	N/		De	36	
b. EMERGENCY	NOTIFICATION. In all cases and then st	ses of accid	ent, brea			,	. ,	assistance to	elephone
c. 24-HOUR EME	RGENCY ASSISTANCE T	ELEPHONE I	NUMBER	S:					
NON-EXPLOSIVE HAZMAT: 1-800-851-8061 (EXPLOSIVES) ONLY: (703) 697-0218 or 0219 (COLLECT) OR OR (4 (4 (4 (4 (4 (4 (4 (4 (4 (4 (4 (4 (4			CHEMICAL/BIOLOGICAL WARFARE MATERIAL DUTY HOURS: SN 584-3044, 584-7211, 584-6455, omm. (410) 436-3044, (410) 436-6455 AFTER DUTY HOURS: DSN 584-2148, comm. (410) 436-2148 (Ask for TEU S3)			SECURE HOLDING: Non-AA&E: 1-800-524-0331 AA&E: 1-800-826-0794 OIL AND CHEMICAL SPILLS: NATIONAL RESPONSE CENTER (NRC) AND TERRORIST HOTLINE: 1-800-424-8802 AT SEA: 202-267-2675 (COLLECT)			DRADIOACTIVE MATERIALS: (703) 697-0218 (COLLECT) (202) 767-4011 (COLLECT) MC: Use 24-hour ncy response phone provided by USN/MC initiating shipment. I-800-851-8061 : (804) 279-3131
	TIFICATION	naterials are			, describe			ed and labele	d and are in

DD FORM 836, DEC 2007

PREVIOUS EDITION IS OBSOLETE.

CONTAIN THE MATERIAL

- **DD Form 836**
- Emergency Response Guidebook
- Glove Box Edition (Chapter 5 and 9 of the NAVSEASWO20-AF-HBK-010)







ASSURE SAFE DRIVERS / EQUIPMENT

- Training / Licensing
- Medical Requirements
- ■DD Form 626

I cerufy that I have exam	nined
LCpl Ronald S	amuels
1 Driver's name (Pri	nii I
in accordance with the Motor Carrier Safety Regulation	ons (49 CFR 391 49-391 491 and with
the knowledge of his duties. I find him qualified under Oualified only when wearing corrective lenses	the regulations
Oughthed only when wearing a hearing aid	
A completed examination form for this person is on fi	* 41
123 Lonez Street Qua	
123 Lopez Street Qua	antico, VA
CMDR Joe Pub	antico, VA
IL identing Office Adr	antico, VA
CMDR Joe Pub	antico, VA
CMDR Joe Pub tName of examining docts	antico, VA
CMDR Joe Public (Name of examining flocis	antico, VA

OF 346 11/85 USOPM FPM Chapter 930 U.S. Gov Operator				Motor Vehicle	Card No. 100099	Restrictions Card# 1000-99 VOID PAGE IF I CORRECTIVE LENS REQUIRE						
			Identii			REQUIRED						
			ex Signature of Op- until signed)	erator (Nor valid	QUALIFIED TO OPERATE							
Butler, Smedley D. M					Type Vehicle and/or equipment	Capacity	Qualifying Official					
			4		M1123/998 (M500)	2 1/4 TON	Dan Dailez					
Date of Birth Social Security No. Name and					tion of Issuing Unit	M1152 W/ARMOR (M500)	21/2 TON	Dan Dailez				
10 Nov 75 xxxxx6780 MTIG			MTIC,MAR	DET	*MK23/25/27/28 (M500)	15 TON	Dan Dailez					
Height	Weight	Hair Color Eye		lor FLW, MO 6	5473-5850							
70	195	BRN	GRN	Signature and To Officer	_							
Date Issued Date Expires			IBP	uller	OTHER RECORDS (Optional)							
01 Dec 99 30 Nov 03				LIC. OFFIC	ER (M500)	(opnomi)						
The holder of this card is qualified to operate U.S. Government vehicles and/or e specified, subject to the restrictions set forth on the other half of this card. Card in			must be carried at all									
times when operating Government vehicles.						NSN 7540-00-634-3999 5034						

Restrictions Card# 1000-99 VOID PAGE IF LAMINATED	Page 3 of 3						
QUALIFIED TO OPERATE							
Type Vehicle and/or equipment	Capacity	Qualifying Official					
ENDORSEMENT PAGE ONLY	N/A						
*HAZARDOUS MATERIAL (M500)	FUEL	Dan Dailes					
OTHER RECORDS (Optional) * HAZMAT DRIVER MUST HOLD CURRI	ENT MEDICAL						
VALID STATE DRIVERS LICEN HAZMAT DRIVER ENDORSEMENT EXPE		0.0.0					
UNDER 21 VALID FOR USE ON-BASE ON	LY						

D D F O R M

6 2 6

															_			
MOTOR	VE	HICL			TION (TRANS Instructions before				DOU:	S MA	TERI	ALS)						
This form applies to all vehi	cles	which				OF LADING			RTATIO	ONCO	NTRO	NUMBE	R					
marked or placarded in acc					CFR.													
SECTION 1 - DOCUMENTATION	1			ORIGIN a.					DESTINATION b.									
2. CARRIER/GOVERNMENT OF	2GAN	ΙΖΔΤΙ	ON		•							ь.						
		IZA III	J14															
B. DATE/TIME OF INSPECTION																		
4. LOCATION OF INSPECTION																		
5. OPERATOR(S) NAME(S)																		
6. OPERATOR(S) LICENSE NU	MBEF	R(S)																
7. MEDICAL EXAMINER'S CER	TIFIC	ATE*																
B. (X if satisfactory at origin)											9. CV	SA DECA MMERCIA	L DISPL	AYED	ON			
a. HAZMAT ENDORSEMENT			d. EF	RG OR	EQUIVALENT COM	MERCIAL:	YE	S	NO			UIPMENT		YES	NO			
o. VALID LEASE*			e. DF	RIVER:	S VEHICLE INSPEC	TION REPOR	T*				a. TRU	CK/TRACT	OR					
e. ROUTE PLAN			f. CO	PY OF	49 CFR PART 397						b. TRA	ILER						
SECTION II - MECHANICAL INS							lb - 11											
All items shall be checked on	loading. Items Wi					ırıcomii	ig ioaaea	equipme	art.									
10. TYPE OF VEHICLE(S)						11. VEHIC	LE NU	WDER	(3)									
12. PART INSPECTED	ORIGIN DES		DESTIN	STINATION		ORIGIN						COL	MMENTS		-			
(X as applicable)		(1) UNSAT		2) UNSAT			SAT (1) UNSAT	SAT U			COI	(3)					
a. SPARE ELECTRICAL FUSES	- Corti	O I WOOD E	- Corti	O I VOI LI	k. EXHAUST SYST	TEM	UI.I	0140711	- C	3140311								
b. HORN OPERATIVE					I. BRAKE SYSTE													
c. STEERING SYSTEM					m. SUSPENSION													
d. WINDSHIELD/WIPERS					n. COUPLING DEV	VICES												
e. MIRRORS					o. CARGO SPACE													
f. WARNING EQUIPMENT					p. LANDING GEAR					\rightarrow								
g. FIRE EXTINGUISHER*					q. TIRES, WHEEL													
h. ELECTRICAL WIRING					r. TAILGATE/DOO													
i. LIGHTS AND REFLECTORS	-	-			s. TARPAULIN*	ina-												
	-									\rightarrow								
j. FUEL SYSTEM*	_				t. OTHER (Specify,				\Box									
 INSPECTION RESULTS (X of (If rejected give reason under) 				ment		REJECTED deficiencies	are co	rrecte	d prior	to loa	ding.)							
14. SATELLITE MOTOR SURVE	ILLAN	ICE S	YSTE	M: (X c	one) ACCEPTED	ı	REJEC	TED										
15. REMARKS																		
16. INSPECTOR SIGNATURE (C	Origin)					17. INSPE	CTOR	SIGN	ATUR	E (Des	stinatio	1)						
SECTION III - POST LOADING II	NSPE	CTION	1															
This section applies to Commercial and Government/Military vehicles. A checked prior to release of loaded equipment and shall be checked on all is quipment. 8. LOADED IAW APPLICABLE SEGREGATION/COMPATIBILITY TABLE.							0	RIGIN		INATION		СОМИЕ	OMMENTS					
						coming loade	ed		(1)		(2)			MIS				
						OE 40 CED		SAT	UNSA	T SAT	UNSAT	,						
9. LOADED IAW APPLICABLE						OI 48 CI'R		+	+	+	+				-			
0. SEALS APPLIED TO CLOSE						PEN FOUIP	MENT	+	+	+	+				-			
1. PROPER PLACARDS APPLI		JULL	,			. Lit Eddir		+	+	+	+	<u> </u>						
2. SHIPPING PAPERS/DD FOR		0 FOE	COM	FRMM	MENT VEHICLE S	HIPMENTS		+	+	+	+							
3. COPY OF DD FORM 626 FOR			. 500	CININ	LIST VERICLE SI			+	+	+	+				-			
4. SHIPPED UNDER DOT SPEC			T 960					+	+	+	+							
25. INSPECTOR SIGNATURE (C		CKMI	1 000			26. DRIVE	D/e/ e	ICMA	TUDE	(Orini	n)	L						
O. INSPECTOR SIGNATURE (C	nigiti)					20. DRIVE	.rqə) S	NONA	IUKE	ongli	")							
7 INCRECTOR CICHATURE (C	t	final.				20 000.00	D/ev o	ICH.	TUDE	/D*								
7. INSPECTOR SIGNATURE (D	estina	tion)				28. DRIVE	:R(S) S	NGNA	TURE	(Desti	nation)							
DD FORM 626, OCT 2011				Р	REVIOUS EDITIO	N IS OBSO	LETE.					Reset	Page	1 of 3 F	ages			
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SUMMARY

Our Drivers:

- Are Communicating the Risk
- Are Prepared to Contain the Material
- Have Assured that Themselves and the Equipment are Safe