

NEBRASKA AGRI-BUSINESS ASSOCIATION, INC.

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SAFETY DECAL AND MARKINGS

FOR NEBRASKA'S

FERTILIZER & AG-CHEMICAL INDUSTRIES

2018 DEALER SAFETY DECAL CATALOG COMPLIANCE INFORMATION & PRICE LIST

COMPLIANCE

STORAGE TANKS: (Anhydrous Ammonia or other Hazardous Materials)

Contents: The contents of the container **must** be marked on the outside of the container in at least 4 inch letters in a contrasting color or two sides. (4 sides for nurse tanks)

Dealer Name and Address: On or at the location of a storage container, the dealer name, address and phone number should be displayed. New ANSI Regulations require: "A legible sign shall be displayed on the premises at which a storage system is located, so as to be readily visible to emergency response personnel, stating the name, address, and telephone number of the nearest representative, agent, or owner of the storage system." It is suggested that the fire department telephone number or an emergency phone number be displayed on the same sign.

Valve Markings: In at least 2 inch letters, **liquid** valves should be marked with the letters ORANGE LIQUID. In at least 2 inch letters, **vapor** valves should be marked with the letters YELLOW VAPOR. These markings should be placed within 12 inches of the valve. (If over 3,000 water gallons.)

Valves: Liquid valves shall be painted orange and vapor shall be painted yellow. Lock-caps are recommended in the same appropriate color or the storage area should be fenced in and lockable.

NURSE TANKS - Up to 3,000 gallons

Decal: On all four sides of tank - the contents must be displayed in at least 4 inch letters - for example ANHYDROUS AMMONIA. The exact contents must be displayed; therefore, CAUTION AMMONIA **is not** correct anymore but the words ANHYDROUS AMMONIA. These must be in a contrasting color.

Placard: On all four sides, the appropriate placard must be displayed. For example - anhydrous ammonia's classification is the green placard - NON-FLAMMABLE GAS, (the non-flammable gas universal numerical placard). Aqua ammonia would be CORROSIVE. Acids are CORROSIVE.

Slow Moving Vehicle Sign: A slow moving vehicle sign must be displayed on the rear of the trailer, between 2-6 feet above the roadway. State law requires if drawn under 25 miles per hour.

Reflectors-Clearance Lights: Current state law requires reflectors **or** clearance lights if the trailer has a width including the load over eighty inches or more. Clearance lights require a rear-red light and front-amber light. Suitable reflectors may be substituted if they are visible up to 300 feet.

Inhalation Hazard: By DOT regulations must be displayed in at least 2 inch letters in contrasting color on two opposing sides of the tank. (Must also appear on the storage tanks)

Safety Chains: New Fire Marshal Regulations for Safety Chains are as follows:

In accordance with ASAE S 338.1 or S 338.2 "Safety Chain for Towed Equipment", a safety chain having a minimum tensile strength equal to or greater than the Gross Vehicle Weight ("GVW") of the nurse tank or tanks being towed shall be provided.

In addition, new chains must have an identification tag permanently attached to the chain. The tag must give the tensile strength (in pounds) of the chain or the maximum GVW (in pounds) the chain can safely accommodate.

An existing chain may be approved by the AHJ if written documentation is provided stating that the existing chain meets ASAE S 338.1, S 338.2 or provides a tensile strength equal to or greater than the GVW being towed. Attaching the chain to the nurse tank and to the towing vehicle shall be accomplished in accordance with ASAE S 338.1 or S 338.2.

RAILROAD UNLOADING REGULATIONS:

Blue Flag Rule: When unloading a Hazardous Material from a rail car, caution signs must be placed to give warning. The sign must be blue with white lettering, 12 inches by 15 inches, and state either STOP TANK CAR CONNECTED or STOP MEN AT WORK. This sign **must** be displayed when unloading the car.

Other Rules: Brakes must be set on wheels and the wheels must be blocked on all cars being unloaded. If it is necessary to discontinue unloading, all connections must be disconnected. Never leave a tank unattended while unloading.

Leaking Tank Cars: Tank cars with a leaking condition may not be moved until the unsafe condition has been corrected. In the case of a small leak, movement may be made if a receptacle is attached under the leak to prevent the spread of the liquid over the tracks. Car must be stenciled on both sides in letters **three inches** in size adjacent to the car number "LEAKY TANK. DO NOT LOAD UNTIL REPAIRED". The location of the leak must be identified and marked with the symbol "X" and the owner be immediately notified by telegram of the exact location of the leak.

DECALS - PLACARDS - SLOW MOVING VEHICLE SIGNS REFLECTORS - MARKINGS - LABELING

GENERAL INFORMATION

The following brochure displays the various decals, markings, placards and several fertilizer and ag-chemical posters for the use of the industry. THE NEBRASKA AGRI-BUSINESS ASSOCIATION is proud to make these available to you in the hope of fostering a safety program for the industry.

YOU MAY NOW TAKE ADVANTAGE OF THIS OFFER AND ORDER YOUR NEEDS FROM THE THE NEBRASKA AGRI-BUSINESS ASSOCIATION, INC. Please read the enclosed information, check the order list, and SEND IN YOUR ORDER TODAY.

Before you make your decision, please check to see the materials you will need to be in compliance. We have outlined the rules as they apply to fertilizer and ag-chemical dealers.

DEFINITIONS

HAZARDOUS MATERIAL: Substance or material which has been determined by the Secretary of Transportation to be capable of posing an unreasonable risk to health, safety and property when transported in commerce, and which has been so designated. Hazardous Materials which relate to the Fertilizer & Ag-Chemical Industry are the following:

CONTENT:	PLACARD CLASSIFICATION
ANHYDROUS AMMONIA	NON-FLAMMABLE GAS
AMMONIA SOLUTION (containing more than 44% ammonia)	NON-FLAMMABLE GAS
FERTILIZER AMMONIATING SOLUTION (containing free ammonia and more than 25.3 psig)	NON-FLAMMABLE GAS
NITROGEN (pressurized liquid)	NON-FLAMMABLE GAS
NITROGEN FERTILIZER SOLUTION (displaying 40 psig at 70 degrees F. and a maximum of 140 psig at 130 degree F.)	NON-FLAMMABLE GAS
AMMONIA HYDROXIDE (ammonia solution containing 44% or less ammonia-aqua ammonia)	CORROSIVE
PHOSPHORIC ACID	CORROSIVE
SULFURIC ACID	CORROSIVE
NITRIC ACID (40% or less)	CORROSIVE
NITRIC ACID (over 40%)	OXIDIZER OR CORROSIVE
AMMONIUM NITRATE FERTILIZER (containing no more than 0.2% carbon)	OXIDIZER
POTASSIUM NITRATE	OXIDIZER
PROPANE OR LP GAS	FLAMMABLE GAS

NON-FLAMMABLE GAS: Any compressed gas that is not flammable.








PLACARD: A diamond-shaped emblem attached to the container or vehicle transporting a hazardous material.








OXIDIZER: Liquid or solid that readily yields oxygen when involved in a fire, thereby accelerating and intensifying the combustion.

CORROSIVE: Any liquid or solid that causes destruction of human skin tissue or a liquid that has a severe corrosion rate on steel.

NAME OF CONTENTS: The proper shipping name.

DECAL PRICE LIST

ITEM #	DESCRIPTION/SIZE	QUANTITY	PRICE	
NF 101	ANHYDROUS AMMONIA	1-249	\$2.33	
	Red 4" letters	250-499	\$2.03	
	Circular for ends of tank	500-999	\$1.92	
NF 102	ANHYDROUS AMMONIA	1-249	\$2.04	
	Red 4" letters	250-499	\$1.69	
	Rectangular for sides of tank	500-999	\$1.53	
NF 103	NONFLAMMABLE GAS PLACARD	1-249	\$1.34	
	Green, diamond-shaped placard	250-499	\$1.19	
		500-999	\$1.11	
		1000-2999	\$.90	
NF 106	SLOW-MOVING VEHICLE SIGN	1-49	\$8.31	
	Red triangle sign	50-249	\$8.06	
		250-499	\$7.98	
		500+	\$7.89	
NF 107	RED REFLECTOR Full seal, dust proof (Required by trailers exceeding 80 in.)	6.00 (Per Pack of Two)		
NF 107A	AMBER REFLECTOR Full seal, dust proof (Required by trailers exceeding 80 in.)	6.00 (Per Pack of Two)		
NF 108	VALVE IDENTIFICATION	1-49	\$1.12	
	7 Stickers: 2 Liquid Valve,	50-249	\$ 1.04	
	1 Vapor Valve, 1 Relief Valve,	250-499	\$.76	
	1 Liquid Hose, 1 Vapor Hose,	500+	\$.63	
	1 Fixed Liquid Level Gauge			

ITEM #	DESCRIPTION/SIZE	QUANTITY	PRICE	
NF 110	ORANGE LIQUID	1-49	\$.85	
	Storage tank valve marking	50-99	\$.85	
	2 inch orange letters	100+	\$.85	
NF 111	YELLOW VAPOR	1-49	\$.85	
	Storage tank valve marking	50-99	\$.85	
	2 inch yellow letters	100+	\$.85	
NF 112	EMERGENCY INFORMATION	1-49	\$2.10	
	SAFETY RELIEF	50-249	\$1.87	
	VALVE INDICATION	250-499	\$1.79	
	Safety decal for use on tank trailer	500+	\$1.53	
NF 119	COUPLER TRANSFER DECAL	1-249	\$1.88	
	Yellow/black decal	250-499	\$.98	
	Place on tool bar	500+	\$.85	
NF 121	INHALATION HAZARD DECAL 2 inch green letters	1- 49	\$3.72	
		50-249	\$2.12	
		250-499	\$1.21	
		500+	\$.83	
NF 122	NO SMOKING	1-249	\$1.99	
	2 inch red letters	250-499	\$1.33	
		500+	\$1.14	
NF 123	FIRST AID WATER	1- 99	\$.67	
		100- 249	\$.63	
		250- 499	\$.60	
		500-1000	\$.53	

ITEM #	DESCRIPTION/SIZE	QUANTITY	PRICE
NF 124	WEAR YOUR GOGGLES	1-100	\$.77
		101-249	\$.60
		250-499	\$.56
		500-999	\$.52



NF 125	TANK NUMBERS 4 inch black numbers	1-49	\$.61
		50-99	\$.56
		100+	\$.51

5 4
7 6

NFPA 704 NH3 - 310
(For Storage Tanks) Any Quantity \$5.00 each



Per the Nebraska Agri-Business Association May 2014 Newsletter: We recently received information that the State Fire Marshal’s Office has begun enforcing a marking standard for anhydrous ammonia storage tanks. According to the standard, “visible hazard identification signs in accordance with NFPA 704 shall be placed on the following:

- 1) Stationary above ground storage tanks.
- 2) Stationary above ground containers.
- 3) At entrances to locations where hazardous materials are stored, dispensed, used or handled in quantities requiring a permit.
- 4) Nurse tanks are not included in this ruling.

The standard is not a new one, but has just recently been added to enforcement by the State Fire Marshal under the NFPA Standards (National Fire Protection Association Codes.) **The signs must be placed on two sides of the storage tanks.**

Nebraska Agri-Business Association
NURSE TANK DECALS

The Nebraska Agri-Business Association offers you a nurse tank package program where the required markings by law can be purchased as a package. The REQUIRED PACKAGE consists of all the decals and marking required by law in Nebraska. The DELUXE PACKAGE consists of the required decals and markings plus reflectors and valve labeling decals. For a complete list of decals available through the NeABA and individual decal pricing, visit our website at www.na-ba.com/resources.htm or call Rebecca Barker at (402) 476-1528.

REQUIRED PACKAGE

CONSISTS OF THE FOLLOWING:	QUANTITY	PRICE
	PER PACKAGE	
2 - NF 101 Anhydrous Ammonia for Ends of Tank	1 - 49	\$33.83
2 - NF 102 Anhydrous Ammonia for Sides of Tank	50 - 250	\$31.48
4 - NF 103 Nonflammable Gas Placards	250+	\$30.15
1 - NF 106 Slow-Moving Vehicle Sign		
1 - NF 112 Emergency Information Decal		
1 - NF 119 Coupler Transfer Decal		
2 - NF 121 Inhalation Hazard Decal		

DELUXE PACKAGE

CONSISTS OF THE FOLLOWING:	QUANTITY	PRICE
	PER PACKAGE	
2 - NF 101 Anhydrous Ammonia for Ends of Tank	1 - 49	\$45.65
2 - NF 102 Anhydrous Ammonia for Sides of Tank	50-250	\$41.89
4 - NF 103 Nonflammable Gas Placards	250+	\$36.83
1 - NF 106 Slow-Moving Vehicle Sign		
2 - NF 107 Red Reflectors for Back of Tank		
1 - NF 107A Amber Reflector for Front of Tank		
1 - NF 108 Valve Identifications		
1 - NF 110 Orange Liquid Decal		
1 - NF 111 Yellow Vapor Decal		
1 - NF 112 Emergency Information Decal		
1 - NF 119 Coupler Transfer Decal		
2 - NF 121 Inhalation Hazard Decal		

STORAGE TANK DECAL REQUIREMENTS

CONSISTS OF THE FOLLOWING:	QUANTITY	PRICE
	PER PACKAGE	
1 NF - 102 Anhydrous Ammonia for Sides of Tank	1- 49	\$11.18
1 NF - 110 Orange Liquid Decal	51-249	\$7.98
1 NF - 111 Yellow Vapor Decal	250+	\$5.81
2 NF - 121 Inhalation Hazard		
Dealers Name, Address & Phone Number (NOT included in pkg. price)		



NEBRASKA AGRI-BUSINESS ASSOCIATION, INC.

DECAL ORDER FORM

ITEM # / DESCRIPTION	QUANTITY	UNIT	TOTAL
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

***** Non-Members Add 5%**

Subtotal _____

****We Will Bill You for the Subtotal plus Postage and Sales Tax.**

WE SHIP VIA US MAIL. PLEASE PROVIDE YOUR MAILING ADDRESS FOR BILLING/SHIPPING:

CONTACT NAME: _____

COMPANY: _____

MAILING ADDRESS: _____

CITY/STATE/ZIP: _____

EMAIL: _____

RETURN ORDER FORM TO:

NEBRASKA AGRI-BUSINESS ASSOCIATION, INC.

8700 Executive Woods Dr, Suite 400

Lincoln, NE 68512-9612

Ph: 402/476-1528 – (We no longer have a fax machine)

E-mail: rbarker@na-ba.com • Web: www.na-ba.com