



Proposal # / Order #: C1947

Date: 11/10/08

AMERICAN ELECTRIC POWER
Page 1 of 5

450 Arlington Avenue
Fond du Lac, WI 54935
www.brennertank.com
Toll Free: 800-558-9750
Fax: 920-922-3303

Order for
AMERICAN ELECTRIC POWER

:: CUSTOMER INFORMATION			
NAME:	AMERICAN ELECTRIC POWER	CONTACT:	JOSEPH MANELLO
ADDRESS:	700 MORRISON RD	E-MAIL:	jmanello@aep.com
CITY:	GAHANNA	STATE:	OH
		ZIP:	43230
PHONE:	6148837624	FAX:	
		MOBILE:	

:: PROPOSAL / ORDER DATA			
DATE:	11/10/08	PROPOSAL:	S10003REV3
ORDER:	C1947	REFERENCE ORDER:	B9849-52

:: ORDER TRACKING DATA (FOR OFFICE USE ONLY)	
GP ORDER NO:	ORDSS00C1947
GP ITEM NO:	1043205

:: SALES MANAGER			
NAME:	David Morrow	PHONE:	513-288-1039
FAX:	920-322-1086	EMAIL:	ddmorrow@brennertank.com

:: INSIDE SALES CONTACT			
NAME:	Rick Kostro	PHONE:	920-322-1048
FAX:	920-922-3303	EMAIL:	rjkostro@brennertank.com

:: TANK DESCRIPTION			
Truck Mount, Non code, Insulated			
CAPACITY:	5000 US Gallons Nominal	COMPARTMENTS:	One
GAL. (F TO R):		PROFILE:	Straight Round
CODE / SPEC:	Non Code	PRODUCT(S):	Urea
PROD. WT / US GAL:	10# Max	INT. MAWP:	13 PSI
EST. WEIGHT:		TEST PRESSURE:	20PSI
GCWR:		MAX LOADING TEMP	250° F Max
MODEL#:	SNON500010SS		



:: VESSEL	
1. SHELL MATERIAL:	.100" Manuf. T304LSS 2B finish
2. HEAD MATERIAL:	.130" Manuf. T304LSS-2B finish, butt welded, deep dished
3. WELD FINISH:	W-3 inside, W-2 snag proof outside
4. BAFFLES:	None
5. MANHOLE:	(1) Betts 8310-LC 20" full opening 6-lug with white Hypalon gasket in cover, located near center of tank and hinged to front
6. BOLSTERS:	SS
7. LONGMEMBERS:	SS full frame
8. CLEANOUTS:	(1) 2" Threaded nozzle in tank shell on top centerline in the spilldam behind the manhole with a 2" male adapter and cap.
9. RINGS:	12 Ga. SS 2-3/4" high hat channel, continuous weld
10. HEAT:	None
11. INSULATION:	6" Fiberglass compressed to 5" with 24" wide .080 aluminum underlayment
12. JACKET:	22 Ga. BA/SS lapped seams with 18 Ga. BA/SS finish lock seam jacket heads

:: OUTLET	
1. SUMP:	(1) 3" Flanged outlet in bottom of tank
2. PIPING:	3" SS elbow into rear cabinet
3. GASKET:	Teflon envelope
4. OUTLET VALVE:	3" SS butterfly valve
5. FITTINGS:	Add a SS tee in the line between the outlet of the tank and the inlet of the pump. One end of the tee goes to the pump with a butterfly valve, the other end of the tee has a butterfly valve then an SS 3" male adapter and SS cap
6. SAMPLE VALVE:	None
7. SEAL TABS:	Provisions for seals on all openings
7. CABLES:	Plastic coated on all caps in the outlet and piping area

:: VENTING	
1. PRESSURE RELIEF:	(1) 1 1/4" threaded Betts #6460SSV461 pressure/vacuum vent, set at 13 PSI, with Viton seals, located on manhole cover
2. VACUUM RELIEF:	Included with Betts vent

:: CHASSIS	
1. KINGPIN PLATE:	None
2. LANDING GEAR:	None
3. SUSPENSION:	None
4. AXLES:	None
5. BRAKES:	None
6. ABS SYSTEM:	None
7. SLACK ADJUSTERS:	None
8. SPRING BRAKE CHAMBERS:	None
9. RESERVOIRS:	None
10. HUBS:	None
11. HUB ODOMETER:	None
12. DRUMS:	None
13. SEALS:	None
14. WHEELS:	None
15. TIRES:	None
16. TIRE INFLATION SYSTEM:	None
17. TIRE CARRIER:	None
18. FENDERS:	Aluminum contour with SS braces
19. MUDFLAPS:	(1) Pair Brenner black plastic anti-sail



20. BUMPER:	Bolt on-(1) 4" X 8" SS rect. tube, 60" wide, per DOT PHMSA specs, and (1) 4" x 4" SS sq. tube, 88" wide, per DOT NHTSA rules
21. PAINT:	Carbon steel parts primed and painted black

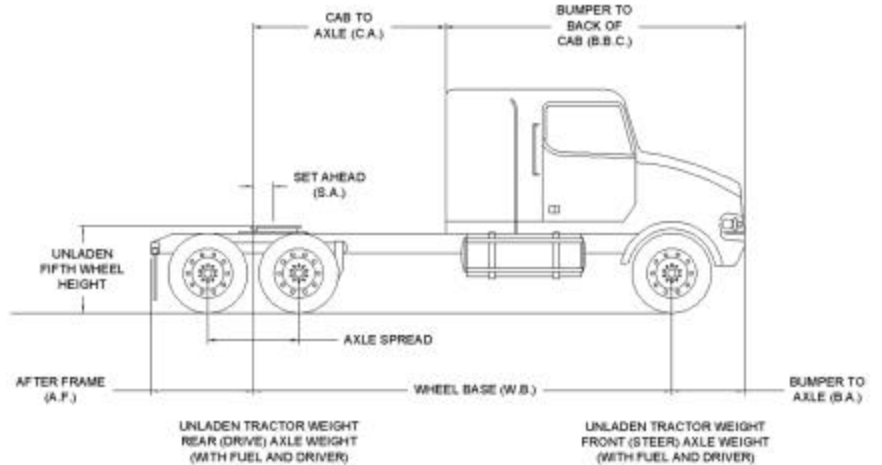
:: ELECTRICAL	
1. NOSE BOX:	None
2. WIRING:	Harness with plug in style system
3. LIGHTS:	12-Volt Grote LED with closed back grommets . Rear lights in SS boxes with remainder in brackets. Side markers tied into turn signals

:: ACCESSORIES	
1. SPILLDAM:	SS around manhole with top of tank as floor and (2) 1½" drain hoses.
2. LADDER:	(1) SS 18" wide with dimpled channel rungs and platform type top step, no side hand rails, located on curbside at spilldam to walkway with grab handles at top each side
3. WALKWAY:	24" X 24" Aluminum open grip behind manhole
4. HOSE CARRIER:	None
5. CAPACITY INDICATOR:	(1) Brenner T316SS ball float type, 8" float ball with packing type seal, located in rear head on roadside near horizontal centerline in lieu of a coupling welded into top and bottom of rear head with pipe, then ball valve
6. CABINET:	(1) Insulated SS 34"W X 36"H X 24"D 1-door with SS hardware, mounted at rear inside suspension frame
7. CONSPICUITY MARKING:	None
8. DOT SIGN HOLDERS:	(3) Aluminum slide in style sign holders with sides mounted approx. 60" from ground.
9. CERTIFICATE HOLDER:	None
10. THERMOMETER:	(1) 0-300° F clip-on type, located curbside eye level near center of tank
11. MOUNTING SUPPLIES:	Brenner Tank LLC to mount tank on truck chassis and supply tie down hardware, 1" thick x 3" wide rubber sill with ss retaining channels. Tank to be mounted to truck frame using spring type hold downs . Do not weld to rail or drill holes on top or bottom flanges of truck frame. Use existing holes in sides of frame rails where ever possible
12. HYDRAULIC PUMP AND HYDRAPAK :	Install hydraulic pump, Gardner Denver MH325 Hydrapak kit and pipe to the hydraulic motor on the Blackmer pump
13. LOW PRESSURE HYDRAULIC SHUT OFF:	Install a Nason CJ-U1A3-50G/WL stainless steel pressure switch in the pump outlet line and a Hydraforce poppet valve SV10-21P-10T-N-12DL in the hydraulic circuit to shut the pump off when there is to low off pressure in outlet line
14. PUMP:	Blackmer STX3 – 3" stainless steel vane pump with adjustable relief valve set at 51-75PSI, mechanical seals, 3" weld flanges, direct mount hydraulic adapter, hydraulic motor and hydraulic motor fittings kit. Pump to operate at 140 to 155 gpm at max. Brand DCF – Combination Directional Control – Speed Control Valve with hydraulic fittings kit. Hydraulic lines to run from wet kit to cabinet mounted pump.

:: OTHER	
1. CALIBRATION:	Paper chart, theoretical computer printout in 1/4" increments
2. CUSTOMER DECALS:	None
3. WARRANTY PERIOD:	3-Year

:: TRUCK INFORMATION

MAKE: @80.00
MODEL:
*W.B.:
C.A.:
B.A.:
A.F.:
REQUIRED S.A. (IF FIXED):
*FIFTH WHEEL HT: N/A
*AXLE WEIGHT REAR:
*AXLE WEGHT FRONT:
*LIFT AXLE LOCATION (IF APPLICABLE):
*REQUIRED INFORMATION





:: FINANCE COMPANY (IF APPLICABLE)

COMPANY NAME:		
NAME:	PHONE/FAX:	EMAIL:

:: PRICING (prices subject to review and revision at time of order acceptance)				QTY	UNIT \$	EXT \$
PRICE WITH OUT FEDERAL EXCISE TAX:				1		
FET:						\$
TRADE:					\$	\$
FREIGHT, IF APPLICABLE VIA:	TRUCK:	RAIL:	N/A:		\$	\$
TOTAL PRICE:		FOB: Fond du Lac, WI				

:: COMPLETION (subject to review and revision upon acceptance of order)

SCHEDULE:	December, 2008
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:: PRICE ADJUSTMENT

BUYER'S ATTENTION IS DIRECTED TO PARAGRAPH 2 OF BRENNER'S GENERAL TERMS AND CONDITIONS OF SALE AND TO THE PRICE ADJUSTMENT CLAUSE INCLUDED IN THIS PROPOSAL.

:: PAYMENT TERMS

DUE DATE (CHECK ONE)		METHOD OF PAYMENT (CHECK ONE)		DOWN PAYMENT DUE: 10/23/08	
UNIT COMPLETION DATE	X	CHECK	X	AMOUNT TO BE PAID AT TIME OF ORDER (EACH UNIT)	\$NA
NET DAYS TO PAY (INSERT NO. OF DAYS)		CASHIER'S CHECK		BALANCE DUE UPON COMPLETION (EACH UNIT)	\$NA
OTHER		WIRE TRANSFER		TOTAL	\$NA
IF BLANK, PAYMENT DUE ON COMPLETION		IRREVOCABLE LETTER OF CREDIT			\$

:: AGREEMENT

I AGREE TO THE ABOVE TERMS WHICH ARE FURTHER DEFINED IN THE GENERAL TERMS AND CONDITIONS OF SALE ATTACHED TO THIS ORDER. I FURTHER AGREE THAT THE SPECIFICATIONS PROVIDED WITH THIS ORDER ACCURATELY DESCRIBE THE PRODUCT INTENDED FOR PURCHASE.

CUSTOMER NAME: AMERICAN ELECTRIC POWER	
CUSTOMER PURCHASE ORDER: 890108	CONTACT: JOSEPH MANELLO
BRENNER TANK LLC PROPOSAL PREPARED BY: Rick Kostro	DATE: 11/10/08
CUSTOMER SIGNATURE:	DATE:
BRENNER TANK LLC ACCEPTED BY:	DATE: