

TRANSTECH ENERGY

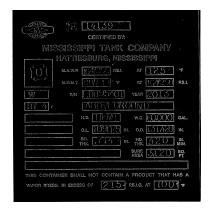
Five (5) 60,000-Gallon Storage Vessels Sikeston, MO

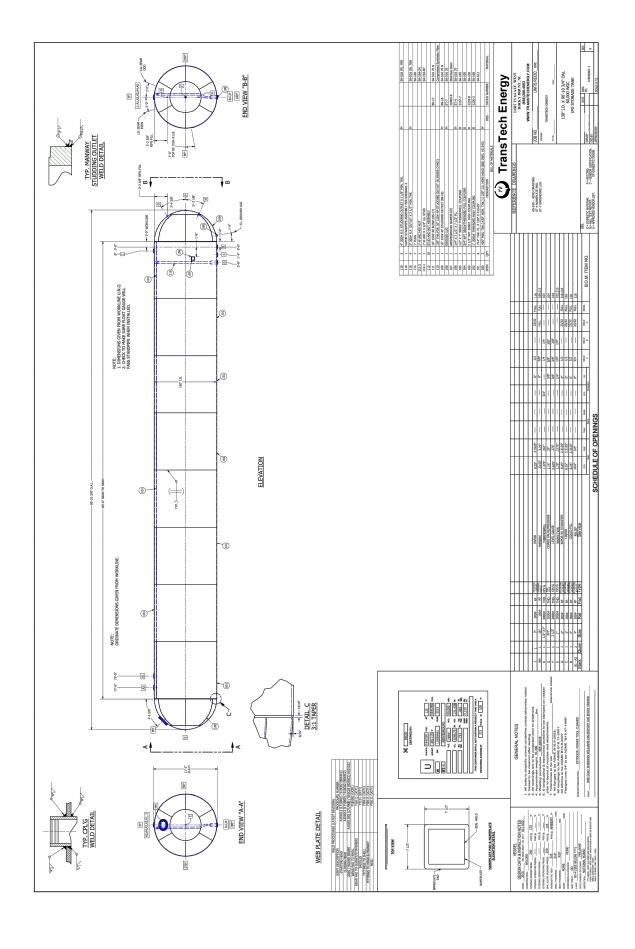
VESSEL SPECIFICATIONS

Manufacturer	Year	Gallon (wc)	PSI	National Board Number / Serial Number
Mississippi Tank Company	2013	60,000	250	14139 / LDB95A01
Mississippi Tank Company	2013	60,000	250	Available / LDB96A01
Mississippi Tank Company	2013	60,000	250	Available / LDB97A01
Mississippi Tank Company	2013	60,000	250	14097 / LDB39A01
Mississippi Tank Company	2013	60,000	250	14102 / LDB40A01

The vessels listed are sister ASME-certified tanks and were manufactured by Mississippi Tank Company. They have a National Board number with U-1A and U-4A data sheets. Shell sections and concave, hemispherical heads are made of SA-612 steel. The vessels are 90 ft. 10-3/8 in. in length, 10 ft. 10 in. in diameter (ID), have coupling nozzles, and have top, end-mounted, 16-inch manways.







FORM U-1A MANUFACTURER'S DATA REPORT FOR PRESSURE VESSELS (Alternative Form for Single Chamber, Completely Shop or Field Fabricated Vessels Only) As Required by the Provisions of the ASME Boiler and Pressure Vessel Code Rules, Section VIII, Division 1

									ser code nui		OII VIII, I	DIVISION 1	
1. M	anufactured and	certifie	ed by MI	SSISSIPP	TANK C	OMPANY 3	000 W 7TH	STREET H	IATTIESBURG,	MS 39401			
2. M	anufactured for	TRAN	IS TECH	ENERGY	P.O. BOX	8197 ROC	KY MOUNT	, NC 27804	of Manufacturer)				
3. Lo	ocation of installa	tion !	UNKNOV	VN				address of Pur					
	1. Type HORIZ TANK LDB95A01 N/A LDB95A01-1-0 14139					39	2013						
	· (Horizontal or v					(CRN)		(Drawing nu		tional Board n		(Year built)	
	ne chemical and p DDE. The design,										LEK AND I	PRESSURE VESSEI	
					271			,	N/A		Year		
to	TO [Addends, if applicable (date)] (Code Case numbers) [Special service per UG-120(d)]												
6. SI	6. Shell SA612 .714" NONE 130" 80'-0" SM/SM (Naterial spec. number, grade) (Nominal thickness) (Corr. allow.) (Inner diameter) (Length (overalli))								M oth (overall)]				
7 5	eams TYPE NO		nuer, grade)	FU				N/A TYF	PE NO 1 *		FULL	1 8	
	[Long. (welde			(R.T. (spc	t or full)] (Eff., %) (H.			(welded, dbl., sngl., l	ap, butt)]	R.T. (spot or full)1	(Eff., %) (No. of courses	
8. Heads: (a) Material SA612 (A) (b) Material N/A (Spec. no., grade) (Spec. no., grade)													
	Location (Top,	Mini	imum (Corrosion	Crown	Knuckle	Elliptical	Conical	Hemispheri		lat	Side to Pressure	
	Bottom, Ends)		Thickness Allowar		Radius	Radius	Ratio	Apex Ang				(Convex or Concave)	
(a)	ENDS	.420"		ONE	N/A	N/A	N/A	N/A	65"	N/A		NCAVE	
(b)	N/A	N/A	N/		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Α	
lf	removable, bolts	used (describe	other faste	enings) N//	4		(Material	spec. number, grade,	size, number)			
9. M.	AWP 164/250			N/A			at max. ter		0/+13		N/A		
		ternal)	-20/+13		(External) 164/250			•	(Internal) ⊔	YDRO 325		(External)	
	in. design metal t	emp.		at _	104/200	Hyd:	ro., pneu., o	r comb. tes	t pressure	1010 320	,		
	oof test N/A		•										
10. No	ozzles, inspectior	, and	safety val	ve openin									
/Inlat	Purpose Outlet, Drain etc.)	No.	Diamete or Size		M Nozzle			Thickness	Reinforcement		ent Details	Location	
RELI		2	4"		N/A	Flange (C)	Nom. 3.0"	NONE	Material INHERENT	Nozzle N/A	Flange (D)	(Insp. Open.) SHELL	
_	ID, VAPOR	4	3"		N/A	(C)	2.3125"	NONE	INHERENT	N/A	(D)	SHELL	
	ECTION	1	1.315"	_ ` ′	SA105	N/A	.2175"	NONE	INHERENT	(F)	N/A	HEAD	
COM		1	2.5" .75"	(G)	SA105 SA105	N/A N/A	.375"	NONE	INHERENT	(F)	N/A	HEAD	
-	RMOWELL	1	.75	(H)	SA105	N/A	.35"	NONE	INHERENT	(F) (F)	N/A N/A	HEAD	
	- NIC			NONE	NC	NE	NI/A	1.10.1.2		N/A	11071	11.2.13	
11. St	ippoits, okiit	s or no)	Lugs _	(Number)	Legs	oth	ier	(Describe)	Attached		(Where a	ind how)	
			Partial Da	ata Report	s properly	identified a	ınd signed b	y Commiss	sioned Inspector	s have be	en furnish	ed for the following	
ite	ms of the report:	N/A		(Na	me of part, ite	em number, Ma	anufacturer's na	me and identify	ying stamp)				
(Name of part, Item number, Manufacturer's name and identifying stamp) 60,000 WGC LPG STORAGE TANK CONTINUED ON FORM U-4													
					OFPTIF			001401144					
\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \							HOP/FIELD						
	orm to the ASME											ship of this vessel	
	es NOV. 07 201						,				<u>20</u>		
Date	9-26-13	Co. na	ame MI	SSISSIPP	I TANK CO	OMPANY, N	MS	Sic	gned 7.	m.s		_	
					(Ma	nufacturer)				(Re	epresentative)		
						ICATE OF S	SHOP/FIELD						
	el constructed by								TTIESBURG, M				
		lding a	valid cor	nmission i	ssued by t						nd/or the S	tate or Province of	
	MISSISSIPPI and employed by ONECIS INSURANCE CO. have inspected the component described in this Manufacturer's Data Report on										, and state that,		
to the best of my knowledge and belief, the Manufacturer has constructed this presented vessel in accordance with ASME BOILER AND PRESSURE													
VESSEL CODE, Section VIII, Division 1. By signing this certificate neither the Inspector nor his/her employer makes any warranty, expressed or													
implied, concerning the pressure vessel described in this Manufacturer's Flats Report. Furthermore, neither the Inspector nor his/her employer													
shall be lable in any manner for any personal introduction or properly damages a loss of any kind arising from or connected with this inspection													
Date	1 12/1	Signe	<u> </u>	- G	uthorized ins	pector		Commissio	National Board	(incl. endorse	ments), State	, Province, and number)	
(07/10)					$\overline{/}$	<i>-</i>				-			

FORM U-4 MANUFACTURER'S DATA REPORT SUPPLEMENTARY SHEET As Required by the Provisions of the ASME Boiler and Pressure Vessel Code Rules, Section VIII, Division 1

	*											
Manufactured and certified by MISSISSIPPI TANK COMPANY 3000 W 7 TH STREET HATTIESBURG, MS 39401								1				
2. Manufactured fo	r	(Name and address of Manufacturer) TRANS TECH ENERGY P.O. BOX 8197 ROCKY MOUNT, NC 27804										
(Name and address of Purchaser) 3. Location of installation UNKNOWN												
4. Type	HORIZ			me and address) ANK			LDB95A01					
(Horizon	ntal vertical, or sphere) N/A	(Tank		or, heat exch., etc.)		(Manufactur 14139	er's serial	number	2013		
	(CRN)			ring No.)		(National Board number.				Year built)		
Data Report												
Item Number		Remarks										
10. NOZZLES	10. NOZZLES											
CONTINUED:												
	MANWAY 1	16" (J)	N/A	SA516-70N	3.75"	NONE	INHERENT	N/A	(D)	HEAD		
								····				
12. REMARKS CONTINUED:				(A) SPOT	RADIOGE	VDHED						
CONTINUED.						OUTLET						
	(C) SA516-70N (D) NOZZLE TO VESSEL WELDED PER FIG UW-16.1(d)											
		(D)	(E)	3000# THRE				•				
		(F)		LE TO VESSEL G) NPT 3000								
						COUPLING						
	(I) .5" X 7" 3000# THEROWELL COUPLING											
	(J) 150# STUDDING OUTLET. 150# SA516-70N BLIND FLANGE BOLTED TO FLANGE WITH (16) 1" DIA8UNC X 4" LG SA193-B7 STUDS WITH SA194-2H NUTS											
	•			· · · · · · · · ·								
	NO IMPACTS RE	OUTRED PER I	UCS-66	CURVE B. UCS	5-66.1. U	CS-66 CU	RVE D. UCS-6	6(b)(3)	& UCS	-66(b)(2)		
		~						-1-21-2				
			FC	R NONCORRO	SIVE SE	RVICE ON	LY					
				*WELDE	D DBL BI	UTT						
Certificate of Autho	rization: Type:	U No	o	236	Expi	res	NO	/. 07, 20	015			
Date 9-26-/	Name	MISSISSIF	PPI TAN	Urer)		Signed	<i></i>	(Represe	entative)			
Date <u>Y</u>	(3 Name	(Authorized Ir	nenactal	1/14	Corr	nmission	UB 199 1	54 A				
[[(Additionized II				i maonat n	(max. isladisc	o., Giai	,	and namber.)		