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

Form U1-A

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				by Miss			PANY	3000 W 7	TH	STREET H	ATTIESBURG	9, MS 3	9401	
2. N	fanufactured t	for				-	STE	EAG LLC	DU	RHAM, NC				
	ocation of Ins	tallatio	n			 L	M. ST	nd address of TUART STAT	<b>JOE</b>	I ARFRDEEN	i, OH			
4. Type HORIZ				•	C6818A2 (Na (Mfgr's serial No.)				ess)	C6818			1933	2001
(Horiz, or vert, tank) 5. The chemical and physical proper			k) (	. (Mfgr's serial No.)			(CRN)	. —	(Drawing No.)		10933 2001 (Nat'l. Bd. No.) (Year Built)			
<b>J</b> , ,,	The design	, const	ructio	n, and workmans	ship conform	to ASME nu	ins or les, S	matenar sper ection VIII. Dr	visio	anons of the A n 1 1998	SME BUILER 8	ind PRES	SSURE VESS	EL CODI
	to 1	999		N/A Code Case			N/A			(Year	,	1	,	
6. SI						Special Service per UG-120 .0625*			10' - 10' LD		RO' 2 E" CLA/CLA			
Metil (Spec		(Spec.	No.,	Grade) No	m. Thk. (in.)	Corr. Allow		. (in.)		Diam. ID (ft. & in.)		89' - 2.5" SM/SM Length (overall) (ft. & in.)		
				. 0 10/			JU 1.2.	.23 116602020		JL BULLIMI	FULL(B) 9 RT (Spot, Pertial or Full) No. of Course			
Long (Welded, LDL, Sogl., Lap, Bi 8. Heads: (a) Mattl.				SA SA	516-70N (C	(b) Mat			lati.	<b>3</b> .		N/A		
(L	ocation (Top,	N	linimt	ım Coi	rosion	Crown	Km	uckle i Efficti	cal	Conical Apeyl	(Spec. ) Hemispherical	Vo., Grade		
	Bottom, Ends) T		ickne	ess Allo	Allowance		Rac	adius Ratio		Angle Radius		Diameter (Convex or Concave		essure Concave)
(h)	(h) 1114		.675' N/A	1	.0625" N/A		N/			N/A	65.375"	NA	CONCA	
If rer	novable, bolts	used	desc	ribe other fasteni	ngs)	N/A	N/	A NA		N/A N/A	NA	N/A	N/A	<del></del>
If removable, bolts used (describe other fastenings)    MANA   N/A   N/A														
	···				_ po. at max	. tomp.		110			Т			
	design metel łozzles, inspe	•				<u>[U ps</u>	si. Hyd	dro., Pneu., o	r Co	mb. test press	ure 450	(HORIZO	ONTAL)	_ psi.
	Purpose		No.	<del></del>	Type	Materia		Nom Thickne	229	Reinforcemen	it How	<del></del>	Location	
(Ir	(Inlet, Outlet, Drain)			or Size				THOM: THOMICSS		Material	Attached			
<u> </u>	MANWAY		2	28.5*	(E)	(F)		.750"		SA516-70N	(G)	SHELL		
	RELIEF		1	4"	(H)	, SA105		.875"		SA516-70N	(G)	SHELL		
AMMONIA FILL			1	2'	(1)	(J)		.438"		SA516-70N	(G)	SHELL		
	GAS AMMONIA		1	2*	(K)	(L)		.343"	_	INHERENT	(M)		SHELL	
<u> </u>	OUTLET		1	4"	(K)	(J)		.438*		SA516-70N	(G)		SHELL	
<u> </u>	IN,PRESS,OUT TEMP, LEVEL		3	1.5** 2*	(N)	(L)		(N)		INHERENT	(M)	SHELL		
	LEVEL		2	3"	(K)	(L)	-	.343"		INHERENT	(M)	SHELL		
11 50	1. Supports: Skirt N			Lugs NONE	(K) Legs	NONE O		.438"		SA516-70N (G)  ES Attached		SHELL SHELL		
		(yes or	no)	(No.)	•	(No.)		(Desc	CT ID E	<del>?</del> }		(Who	ere and how)	
	marks: Manuf the report: N		r's Pa	rtial Data Reports	properly ide	entified and	signed	by Commiss	sion	ed Inspectors I	have been furn	ished for t	he following i	tems .
OI I	nie ieborr M	M			(Nam	e of part, ite	m nun	nber, Mfgr's. i	nam	e and identifyi	ng stamp)			
6,342	W.G. CAPACIT	YANH	YDRO	US AMMONIA ST	ORAGE TAN	IK. (A) TYPE	NO.1.	(B)100% RA	DIO	GRAPHED A &	B SEAMS INCL	UDING S	EAMS IN	
COMC	NIAL HEADS.	[V].EI	ATIME	VESSEL HEAT T	KEAJEDAI	1750 DEGRE	EST.	FOR 1,25 HO	ŲK	5. CONTINUEL	ON FORM U-4			
					CERTIF	ICATE OF	SHO	P COMPLIA	ANG	Œ				
confor	m to the ASME	E Code	nts m for P	ade in this report ressure Vessels,	are correct a Section VIII	and that all o . Division 1.	details "U" C	of design, ma entificate of a	ater wth	ial, constructio orization No. 2	n, and workma	nship of t	his vessel	
expires	NOVEMBER	7		,2003 . Co. N				TANK CO			$T^{-}$	2 . (	<u>1</u>	
Date:	1/10/01		_	CO. N	впе:	11110010		ufacturer)	VII /	7(1)	Signed: +	(Repres	entative)	F-
				DI TANK 0014041		ICATE OF	SHO	P INSPECT	ПО					
esse: olding	constructed by a valid Comm	/ <u>MISS</u> I <b>iss</b> ion	issue	PI TANK COMPAN d by the National	iY Board of Bo	iler and Pre	ssure	Vessel Inspe	ctor	at <u>HATTIES</u> is and/or the S	SBURG, MS tate or Provinc	l,the u e of MISS	indersigned, ISSIPPI	and
mploy	ed by H.S.B.I.	& I. CO	MPAN	IY		have	inspe	cted the com	pon	ent described:	in this Manufac	turer's Da	ta Report on	
corda	ince with ASM	E Code	e, Sec	tate that, to the bation VIII, Division	1. By signir	ng this certifi	cate n	either the Ins	spec	tor nor his em	olover makes a	nv warrar	iv evoresse	dor [
ıplied,	concerning th	e presi	sure v	ressel described i ury or properby-da	n this Menu	facturer)s Da	ita Re	port. Further	mon	e, neither the I	nspector nor hi	s employ	er shall be lial	ble
Date	11110	0	,	Signed	roll to	An		Commiss		s NB1152	34 N	1545Z.S	<u> </u>	
(Authorized inspector) Nat'l. Board (Incl. endorsements, Stat											ite, Prov. and	No.)		

## FORM U-4 MANUFACTURER'S DATA REPORT SUPPLEMENTARY SHEET

Form U.4

As Required by the Provisions of the ASME Code Rules, Section VIII, Division 1

1. Manufactured and certified by MISSISSIPPI TANK COMPANY 3000 W 7TH STREET HATTIESBURG, MS 39401 (Name and address of Manufacturer) 2. Manufactured for STEAG LLC DURHAM, NC (Name and address of Purchaser) 3. Location of installation J.M. STUART STATION ABERDEEN, OH (Name and address) 4. Type **HORIZONTAL** TANK C6818A2 (Horiz., vert. or sphere) (Tank, separator, heat exch., etc.) (Mfg's. serial No.) N/A C6818A-1-12 10933 2001 (CRN) (Drawing No.) (Nat'l. Bd. No.) (Year built) Data Report Item Number Remarks REMARKS - CONTINUED 300# WN FLANGE TO PIPE WELDED DOUBLE BUTT TYPE NO. 1. PIPE IS ROLLED PLATE WITH LONGSEAM 100% RADIOGRAPHED. SA105 BLIND FLANGE BOLTED TO FLANGE WITH SA193-B7 STUDS AND SA194-2H NUTS. (F) SA516-70N/SA105 NOZZLE TO VESSEL WELDED PER FIG. UW-16.1(e) AND PARAGRAPH UW-16(f)(2). (G) (H) 300# LWN FLANGE 300# WN FLANGE TO 2"(.340" THK.) x 3"(.438" THK.) SA420WPL6 CONCENTRIC REDUCER AND REDUCER WELDED TO PIPE SINGLE BUTT, TYPE NO. 1. **(J)** SA333 GR6/ SA105 (K) 300# WN FLANGE TO PIPE WELDED SINGLE BUTT, TYPE NO. 1. (L) SA106B/SA105 (M) NOZZLE TO VESSEL WELDED PER FIG. UW16.1(e). 300# WN FLANGE TO 1.5" (.281" THK.) x 2" (.343" THK.), SA234-WPB CONCENTRIC REDUCER AND REDUCER WELDED TO PIPE SINGLE BUTT, TYPE NO. 1. VESSEL EXEMPT FROM IMPACT TESTING PER UCS-66(a), UCS-66(c), UCS-66(g), AND UCS-67(d)(1). Certificate of Authorization: Type U Expires NOVEMBER 07 No. <u>236</u> Date 7/18/0/ Name MISSISSIPPHANK COMPANY Signed Commission (Authorized Inspector) (Nat'l. Board incl. endorsement, State, Province and No.)