TAKEN FROM MASTER DATA REPORT BY NATIONAL BOARD

FORM U-1 MANUFACTURER'S DATA REPORT FOR PRESSURE VESSELS As Required by the Provisions of the ASME Code Rules, Section Vill, Division 1

					-,		710100	0. 410		- 0000	-	-	14011	mil mini	1011 1					
1.	Manufactured a	nd cert	ilfled by	GAS	PAR, INC		1545 \	WHIPPLE	AVE.	S.W. CAN	TON, O	HIO 4	44710							
2.	Manufactured 1	for T	ATE & L	LE SIN	GAPORE	PTE, I	LTD 2	200 E. EI	DORA		T DE	CATL	facturer) JR, IL 62	2521						
3.	Location of Insta	alletion	UNK	NOWN					(Name	and address	of Purch	aser)								
	Туре:		HORIZO	NTAL				OF	RGANIC	(Name and		a)		3	3350A					
4.	тура:		Horlz., vert							. vessel, heat	exh., etc.	.)			(Mfg's					
6		(CRN)			3	3350 F	REV.3	-			2097 (Nat'l. B	d No l				200	05 r built)			
5.	ASME Code, S	ection	VIII, Div	. 1		EDITIO	ON					e e e e e e e e e e e e e e e e e e e		-						
					Edition			fate)]			ode Case						per UG-120(d			
6.	s 6–11 incl. to Shell (a) No.	of cou	itae(a).	(1) ON	jie wali ve E	isseis,	Jacker	(h) Ove	e <i>teu ve</i> reli lan	ath (ft & L	n or ne	at ex	cnange 15'	rs, or cnan - 7.875"	iber of	mult	ichamber v	essels/		
	Cours			\neg	Meterial		T	ckness	1											
No				I Sne						Type Full, Spot, Non				Full, Spot, None Eff.						
1	18" OD	The state of the s		-	SA106-B			.125	S	NONE	t, None Eff.				None		Temp.	Time		
	1	10	1.070		00 0		.375	1.120	3	INOINE		100	7	NONE						
									-			-	+	 						
7.	Heads: (a)									(b)	-					-	L			
_			(Mat'l Spe	c. No., Gi	rade or Type)	(H.T. –	Time &	Temp.)		. (0)		(Mat'i	Spec. No.,	Grade or Typ	e) (H.T	- Time	& Temp.)			
	Location (Top,	Thickness		R	adius	Ellip		Conical	Her	mispherical	Fla	rt	Side to	o Pressure		Ci	stegory A			
	Bottom, Ends)	Min.	Corr.	Crown	Knuckle	Ra	200	Apex Ang		Radius	Diam		Convex	Concave	Туре	Full	, Spot, None	e Eff.		
(a)			-			_						732								
(b)					4.5	1														
0.	MAWP 123 (Internal Impact test N	o, CH	(external ARPY IM	PACT T	EST EXE	MPT P	ER UC	-20(f)									123			
	Hydro., pneu., o			[indi	cate yes or n	o and th	TATIC	nent(s) Imp		a)			at test	temperatu	10 01 .			'F		
					-	-	-		riooi	test					-	-				
	s 12 and 13 to		<i>npieted</i> A516-70		e sections	19.5	io"			1.8125"			.125			ME	DED			
	L. TUDOSTIOUL						subject to press.)]			(Nom. thk., In.)			1744				LDED ent (welded or	nt (welded or bolted)]		
	-1	Roating	(Mat'l Spe	c. No.)]		(Dia., I	n.)		(No	m. thk., in.)			(Corr. Alk	we In I		//	trahmanti			
3. Tubes: SB626-N10276 .750									.065 (Nom. thk., in. or gauge)				178			(Attachment) STRAIGHT				
om.	14-10 incl. to							l)	Nom. thk	, in. or gauge	host o	voho	(Num	ber)		[Тур	(Straight or I	J)]		
	Shell (a) No.			TWO						th (ft & in		ACIIAI		- 4.0"		-2-07				
	Course	(a)		I	Material			Thiokness		Long. Joint (Cat. A			Circur	m. Joint (Cat	. A, B, 8	k C)	Heat Treat	ment		
No.	Diameter, In.	Lengt	h (ft & In) Spec	o/Grade or	Туре	Nom.	Corr.	Туре	Full, Spot,	None	Eff.	Туре	Full, Spot,		Eff.		Time		
1	18" OD	-	- 3.0"		75-N1027		.1875	-	1	FULL		100								
1	18" OD	1'	- 1.0"	SB5	75-N1027	6	.1875	0	1	FULL		100								
	QA1	05 w/	3/8"TUV	EACED	(SB575-N	10070		لــــــــــــــــــــــــــــــــــــــ												
o. F	leads: (a) SA1				ide or Type)			Temp.)		(b) SA10				R (SB575-I			h Temp l			
	Location (Top,		hickness		Radius		loo!	0-1-1	H				Side to Pressure		(H.T Time & Temp.) Category A					
	Bottom, Ends)	Min.	Corr.	Crown	Knuckie	Ellipt Rati	Z 1002 **********************************	Conical pex Angle		nispherical Radius	Flat Diame		Convex	Concave	Туре		Spot, None	Eff.		
	ENDS	1.56	0								25"	-				1 411,		EII.		
	ENDS	1.56	0								25"									
ren	novable bolts o	been	edinoseb	other f	astening)	(32)	1-1/8"	STUDS S	SA193-	B7 (64) 1-1	1/8" NU	TS S	A194-2	Н				and to be		
										(M	lat'l Spec	. No.,	Grade, size	, No.)				S-Mira		

Original heads have been replaced with stainless steel—repairs were not registered with National Board

					RM U-1 (Back)	2.5					162
16. MAWP	123			t max. temp. 350 (Internal)	350 (external)		Min. design	metal temp2	0 ⁰Fa	t	123 psi
8.5	O. C		external) MPACT TEST EX	EMPT PER UG-20(f), U			SIME PE	at	test temperatu	ure of	°F.
17. Impact toot <u>15</u>	-				or no and the con		npact tested)				
18. Hydro., pneu., c			TIT DITOUT!	TIC 160 Pro	oof test						
19. Nozzles, inspec	tion,	Diameter	HALL SHEET STATE OF THE STATE O	Mate	rial	T Manuala	Thistones	Dalafarananan	How At	Hached	1
Purpose (inlet, Outlet, Drain, etc.)	No	0.0000000000000000000000000000000000000	Flange Type	Nozzle	Flange	Nozzie Nom.	Corr.	Reinforcement Material	Nozzie	Flange	Location (Insp.Open
INLET/OUTLET	2	2"	150#LJ	SB619-N10276	SA105	.154	0	Material	(c)	riange	
OUTLET	1	2"	150#SO	SA106-B	SA105	.218	.125		(c)	(k)	
INLET	1	8"	150#SO	SA106-B	SA105	.322	.125		(c)	(k)	
-										1	
								#*************************************			
	-	-		-		+	1			ļ	-
20. Supports: Skirt		NO	Lugs	2 Legs	2 Oth	IATS		Δ#	ached	SHELLM	/ELDED
20. Supports. Skill	-	(Yes or No		(No.)	(No.)	1613	(Describ		acrieu	(Where an	
ITEM 12:	-	ESHEETS		K x 21-1/2"DIA. FACEF	R (SB575-N1027	'6).					
				MENTS OF UCL-23(a).							
ITEM 14: A	RE	A OF LON	G. SEAM WELD	BENEATH THE BODY	FLANGES WAS	3 100% UL	TRASONIC	INSPECTED PE	R UW-53.		
U Certificate of A	uthori	zation No.	16862 GASPAF	R, INC.		JULY 25		Signed 20	Dalley M	brogen	Λ
				(Manufa	cturer) ICATE OF SH	OD INSDE	CTION		(Represent	tative)	
I, the undersigned	i, hol	ding a valid	commission issued	by the National Board of B				r the State or Provi	nce of	Ohio	
			American Insura	174	1200 1200 134			ston, Mass.		ve inspected	
the pressure vess	el de	scribed in th	nis Manufacturer's D	ata Report on 10 - 6	2005.00	, and state	that, to the	best of my knowled	ge and belief,	the	
Manufacturer has	con	structed this	pressure vessel in a	accordance with ASME Cor	de, Section VIII, Di	vision 1. By s	signing this c	ertificate neither the	Inspector nor	his	
employer makes	any	warranty, ex	pressed or implied,	concerning the pressure ve	essel described in I	his Manufac	turer's Data	Report. Furthermore	, neither the i	nspector	
nor his employer	shall	be liable in	any manner for any	personal injury or property	damage or a loss	of any kind a	rising from o	r connected with thi	s inspection.		
	-				0			10301			. 61
Date 10-06	' 21	Sig Sig	ned	(Authorized Incorporation)		Commissi		4838A OH			
				(Authorized Inspector)				at'l Board incl. endo	rsement, State	e, Province ar	id No.)
We certify that th	a etc	stamente on	this report are corn	CERTIFICATE OF F ect and that the field asset						ACME	
Code, Section VI			this report are corn	bot and that the held asset	mbly construction t	on an parts of	this vesser	conforms with the re	quirements of	ASME	
U Certificate of A	3.80			Fy	pires						
				——————————————————————————————————————	p.:						
Date		Nam	θ	(Assembler)		Si	gned	(Represent	ativol		
				CERTIFICATE OF	FIELD ASSEM	BLY INS	PECTION		auve)		-1
I, the undersigne	d, ho	olding a valid	commission issued	by the National Board of E					nce of		
and employed by				-			of				22.12.1.2.2.2.2.2.2.2.2.2.2.2.2.2.2.2.2
have compared	he st	atements in	this Manufacturer's	Data Report with the descri	ribed pressure ves	sel and state		ferred to as data ite	ms		
			, not	included in the certificate of	of shop inspection,	have been in	nspected by	me and to the best	of my knowled		
and belief, the M	anufa	acturer has o	constructed and ass	embled this pressure vesse	el in accordance w	ith ASME Co	de, Section	VIII, Division 1. The	described ves	sel	
			hydrostatic test of					is employer makes			
				described in this Manufact					mployer shall		
be liable in any r	nann	er for any pe	ersonal injury or prop	perty damage or a loss of a	ny kind arising from	n or connect	ed with this i	nspection.			

Commissions _

(Nat'l Board incl. endorsement, State, Province and No.)

Date

Signed

(Authorized Inspector)