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

							,	,			
1.	Manufactured	and certified	HAYWAR	D NO. PA	OD. IN	., 900F	AIRMOUI	T AVE.	ELIZABET	H,NJ 07207	
2.	Manufactured	for PF1	CONST	RUCTIO	N COR	P, 160	FEDERA	LST, B	OSTON,	MA 02110	
3.	Location of in	stallation 1	10T KN	IOWN		(reame and address of	r purchaser)				
4.	Type VE	RT	233	24-1		(Name and add	105 REV	B 3	227	2000	
	(He	oriz, or vert., tank)	(Mfgr's	serial No.)	(CRN)	(D	Drawing No.)	(N	at'l. Bd. No.)	(Year built)	
Б,	The chemical	and physica	I properties of	all parts meet	the require	ments of mat	erial specifica	tions of the	ASME BOILER	AND PRESSURE	
	VESSEL COD	E. The design,	construction, and	d work manship	conform to A	SME Rules, Sec	ction VIII, Div	ision 1		8	
	to/999 ——									_	
		Addenda (Date)			C	ode Case Nos.			Special Service per UG-120(d)		
6.	Shell:	5A53 Matt. (Spec. No	GR.B	.375	0	.0"	0" /-		3'-	9.188"	
FRIN MAK MANE					Corr.	Allow. (in.)	Diam.	I.D. (ft. & ln.)	Length (overall) (ft. & in.)		
7.	7. Seams: ERW PIPE NONE Long (Welded, Dbl., R.T. (Spot or Full)					85% — Time (hr) Girth (Welded, Dbl.			NONE 1		
	Heads: (a) Ma	Sngl., Lap, Butt)	SA	105	2110			Sirth (Welded, Dbl., Sngl., Lep, Butt)	R.T. (Spot, P or Full)		
٥.	riodus. (a) ivia			c. No., Grade)		(b) Mati		A516 6	PO Pec. No., Grade)		
	Location (Top,	Minimum	Corrosion	Crown	Knuckle	Elliptical	Conical	Hemispherical	Flat	Cide to Berry	
_	Bottom, Ends)	Thickness	Allowance	Radius	Radius	Ratio	Apex Angle	Radius	Diameter	Side to Pressure (Convex or Concave)	
(a)	TOP	1.25"	0.0"		_	_	_	_	19"		
(b)	BOTTOM	.702	111	- 1		-4/10		_	135/8"	_	
11	f removable, bo	Its used (descr	ibe other fastenin	gs). SA 193	-B7, 1d,	7/8-93	SA194-	24,24,	7/8-9		
0	MAWP_ /6	2 + F	V					0			
	Min. design meta	ltemn	-20 °F	at_ 162		max. temp,		211	7	°F	
		N. 175(2)7(8)2) 21.7 (10.15)	valve openings:	at	psi. Hydro	o., pneu., or con	ab. test pressure	9 97	2	psi.	
	Purpose	No. Dia	ım.	T		Nom.	Paint	orcement	T		
	et, Outlet, Drain)	or S			Matl.	Thk.		Mati.	How Attached	Location	
	POUTLET	2 .8			GRB	3000 HC	INH	INHERENT		S -	
	ENT	- /	B/6.11		SA105						
		- 19					<u> </u>				
11	Supports: Skirt	NO	7	Leas 3				-	= -		
	oupports. Skirt	(Yes or no)	(No.)	Legs(No.)	Other	(Describe	At	tached SR	(Where and	HD, WELDED	
2.	Remarks: Manu	façturer's Part	ial Data Reports	properly identif	ed and signed	l by Commissio	and Income				
1	the report: N	A						nave been fur	nished for the to	illowing items of	
	D	,	0 1 / 11 0			Mfgr's. name and identif					
-	EXESSIKE	ELIEF !	A.W. U.G.	-125, KE.	SPONSI	BILLTY	OF Ou	INERI	USER		
	R" 150# 9	TEOR /	MPACT TE	ST PER	UG-AU	IF). HY	DRO-TE.	STEDIN		L POSITION	
	0 130			000000					REG	139773	
w	e certify that th	ne statements	made in this ren			OP COMPLIA		200 Committee			
fo	rm to the ASMI	E Code for Pre	made in this repo	tion VIII Divisi	on 1 "I" Co	etails of design	, material, cor	struction, and	workmanship of	this vessel con-	
Da	te 12-18.	1000	Co. name HAY	WARD IND.	PROD.	NC	Signed	11 Let /2	expires Hug	021,204001	
		,,	<u>-</u>			HOP INSPECT		COLL DE	(Representative)		
Ve	ssel constructed	by HAY	WARD I	VO. PRO	D. INC	at 90	OFAIRMO	UNT AVE.	ELIZABET	HA/J07207	
I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and/or the State or Province of NEW SERSEY and employed by HSB 1+1 CO HARTFORD, CT										or Province of	
ha	ve inspected the	component d	escribed in this M				11-29-			t, to the best of	
my knowledge and belief, the Manufacturer has constructed this pressure vessel in accordance with ASME Code, Section VIII, Division 1, By signing											
th	s certificate ne	ther the Inspe	ector nor his emp	oloyer makes an	y warranty, e	expressed or im	plied, concern	ing the pressur	e vessel describe	d in this Manu-	
fac	turer's Data Re	port. Further	more, neither the	Inspector nor	his employer	shall be liable	in any manne	r for any perso	nal injury or pr	operty damage	
or	a loss of any kinte	nd arising from	or connected wi	th this importation	n.		15.1	Q 11 a =	1.5	,	
		S	ignecr	(Authorized I	spector)	Com	missions	B11005	endorsements), State, Pro	ov. and No.)	
12/87)											

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

			77									
1.	Manufactured	and certified	by HAYWA	ED IND. 7	PROD. IN	c., 900F	AIRMOUI	VT AVE.	ELIZABE	TH,NJ 07207		
2.	Manufactured	for_PF	CONS	TRUCTI	ON COR	P 160	FEDERA Durchaser)	LST, B	OSTON,	MA 02110		
3.	Location of in	stallation	VOT KI	NOWN								
4.	Туре /Е	RT	233	24-2		(Name and add	105 REV	B	3228	2000		
	(H	oriz, or vert., tank)	(Mfg	's serial No.)	(CRN)	(0	Prawing No.)	(Na	nt'l. Bd. No.)	(Year built)		
5,	The chemical VESSEL COD	and physic E. The design	al properties of , construction, ar	ali parts me nd work manshi	et the require p conform to A	ments of mat	erial specifica	tions of the	ASME BOILER	AND PRESSURE		
	VESSEL CODE. The design, construction, and work manship conform to ASME Rules, Section VIII, Division 1 798											
	to	Addenda	a (Date)		Code Case Nos.				Special Service per UC	9-120(d)		
6.	Shell: SA53 GR. B			_ ,375	5" 0	.0"				9.188"		
	-	Mati. (Spec. N	lo., Grade)	Nom. Thk. (in.) Corr.	Allow. (in.)	Diam.	I.D. (ft. & in.)	Length (overall) (ft. & in.)			
7. Seams: <u>ERW PIPE</u> Long. (Welded, Dbl.,			R.T. (Spot				emp. (°F) Time (hr) Girth (Waldard Dh)			NONE 1		
		Sngl., Lep, Butt)	61	1/05		ump. (r) 1 im	• (hr) (Girth (Welded, Dbl., Sngl., Lap, Butt)	R.T. (Spot, Pertial, No. of Courses or Full)			
8.	Heads: (a) Ma	tl	-=(S ₁	ec. No., Grade)		(b) Mati		0A516 61	P70 pec. No., Grade)			
	Location (Top, Bottom, Ends)	Minimum Thickness	Corrosion Allowance	Crown Radius	Knuckle Radius	Elliptical Ratio	Conical Apex Angle	Hemispherical Radius	Flat Diameter	Side to Pressure		
(a)	TOP	1.25	0.0"				- Apox Arrigio	Hadius	/an	(Convex or Concave)		
(b)	BOTTOM	.702	11						135/8"			
lf	removable, bo	Its used (desci	ribe other fasteni	ngs)_SA /9	3-87.12	7/8-9:	SA194-	24 24	7/8"9			
			,				(Matl., Spec. No.,	Gr., Size, No.)	17.0.1.			
9. 1	MAWP	2 + F	V		psi at	t max. temp,	19	70		٥-		
	Min. design meta			Fat _ 162	psi. Hydr	o., poeu., or con	h. test pressur	24	3	psi.		
10. 1		tion and safet	y valve openings:							i.		
	Purpose et, Outlet, Drain)		iam. Size Type		Matl. Nom. Thk.		Reinforcement Matl.		How Attached	Location		
	POUTLET	2 1	3" B36.		3 GRB	.322"	INH	INHERENT		5 -		
	PAIN	1 /	" B/6.1	1 51	4/05	3000 HC		11				
VI	NT		d "		/k	"	- '	- //				
	Supports: Skirt	NO	. 7	- 	2							
	supports: Skirt	(Yes or no)	Lugs (No.)	Legs	2Other_	(Describe		ttached <u>SHI</u>	ELL+BOTT (Where and	HD, WELDER		
2. F	Remarks: Manu	facturer's Par	tial Data Reports	properly iden	tified and signed	d by Commissio	ned Inspector	s have been fur		ollowing Items of		
	_			(Nam	e of part, item number, I	Mfgr's, name and identif	ying stemp)					
1	PRESSIK!	ELIEFI	A.W. U.G	-125, K	5SPONS/	BILITY	OFOU	INERI	LCER			
	EXEMPT	FROM	MPACT TO	ST PER	UG-20	(F). Hy	DRO -TE	STEDIN	VERTICA	L POSITION		
	8"150#°	150B							REG			
		·			IFICATE OF SI							
We	e certify that t	he statements	made in this re	ort are correc	t and that all d	letails of design	, material, co	estruction, and	workmanship o	f this vessel con-		
for	rm to the ASM	E Code for Pr	essure Vessels, Se	ction VIII, Div	vision 1. "U" Ce	ertificate of Au	thorization No	24425	expires Auc	21.202001		
Da	10-10-10-	2000	Co. name HAY			NC.	_Signed	reful y	(Representative)			
Vessel constructed by HAYWARD IND. PROD. INC. at 900 FAIRMOUNT AVE, ELIZABETH NJO7207										HNJ07207		
1,	the undersigne	d, holding a SERSE	valid commission	n issued by the	HSB	d of Boiler and	d Pressure Ves	sel Inspectors a	and/or the State	or Province of		
hav	ve inspected th	e component	described in this	THE RESERVE THE PROPERTY OF THE PARTY OF THE			11-2	9-162000	and state the	t, to the best of		
			Manufacturer h				ance with ASA	AE Code, Section	on VIII. Divisio	n 1. By signing		
thi	s certificate ne	ither the insp	ector nor his em	ployer makes	any warranty, e	expressed or im	plied, concern	ning the pressur	e vessel describe	ed in this Manu-		
this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the pressure vessel described in this Manufacturer's Data Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage												
or a loss of any kind arising from or connected with this inspection. Date 12-18-2000 Signed Commissions NB11005ANJ1012												
12/07)				Authorize	ed Inspector)			(Nat'l Board (incl	endorsements), State, P	rov. and No.]		