PO# PH 982804F Job No. 15412

## FORM U-1 MANUFACTURER'S DATA = PORT FOR PRESSURE VESSELS As Required by the Provisions of the ASME Code Rules, Section VIII, Division 1

22"- 984 Sq.Ft. FTSMX

M									(Mama	and edd	rt, NJ 0 ress of M	anufactu	tet)							
	lanufactured for					346, Pitts			(Nama		iress of P	urchaser	)							
1.	ocation of installation	Cal	gon Co	orporatio	on, 9640	Bayport	Blvd., I	Pasaden	a, TX	7750	7									
	ocurion of moralism							D 66	100	(Nar	ne and ac		00424	Day	1	56	00	. 1	999	
T	ype: Horizon				t Exchar		B-5789 h., etc.) (Mig's serial No			(CRN)			D-98424 Rev. 1 (Drawing No.)				5690 (Nat'l, Bd. No.)		ar built)	
	(Horiz,, vert., or	sphere)	(Tank,	, separator		, heat exh., e	HC.)	(wath a se	mai ivo.)	,	Citity	,	(Crumna)	110.9						
Α	SME Code, Section V	/III, Div. 1			1995					Code	Case No.		-		Special S	ervice	nar UG-	20(4)		
	s 6 - 11 incl. to be cor			wall vesse		nda (date) of jacketed v		(b) Overa			4.4	of multi-								
S	hell (a) No. of cours										nt (Cat. A)			m Jol	nt (Cot. A	BAC	Ha	at Treat	ment	
		Course(s)			Material			ckness Corr.			pot, None	1		Circum, Joint (Cat. Type Full, Spot, No.			-		Time	
lo						/be	.375"	0	E E		lone	85%	Type Pair, Spor, ix			8-00				
l	22"   15	· · 11 3/4		3/	4-33 GID		.373	· ·	+-		.00									
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H	leads: (a)	Ahii	Spec M	o Grade (	or Type) H.	TTime & T	emp		(p) -		(Mai)	Spec. N	o., Grad	or Ty	/ра) Н.Т	Time 8	Temp			
			1	No., Grade or Type) H.TTime & Tem Radius Elliptical			Coni	ical	Hemisp	herical	nerical Flat		Side to Press		е	Catego		οροιγ Α	ну А	
	Location (Top, Bottom, Ends)	Thickne	Corr.	Crown	Knuckle	Ratio	Apex		10 1904 55	dius	Diamete	er Co	луех	Con	cave T	ypa F	ull, Spot,	Spot, None		
-	Dollotti, Elido) M	fin.	COII.	CIONII	-							-	-	•						
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	(intern		(externa	al)	i at max. ter	- (inte	00 ornal)	(exter	rnal)	°F.	Min	ı. design	metal te	mp	20	•	at	no edik		
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1.10	(international impact test No. Hydro., pneu., or corrins 12 and 13 to be control to the control of the control	per Coonnb. test procompleted SA-24	de para ess. — for tube 0 Tp3	agraphs 13: sections. 16L c. No)	UG-20 (1	f), UCS-6 (Indice Pr 22"	ernal) 66(a) are alle yes or coof test	no and th	rnal) -51(d) e compo	(e). ment(s)	impact te	sted)	0 Corr. Allo			o <sub>F</sub>	at	90 Ided	r bolted	
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3 3 1ee 4 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	(internal Impact test No. Impa	per Code  mb. lest prompleted  SA-24 ationary (Wa-516 G  occ. No.)  -249 TP  c. No. Gra c complete  grace(s). 1  (Ma Thicke  Min.  0724"	(external de para de p	sections.  13: sections.  16L c. No)  22  ype ser chamber  Spe SA SA No., Grade	Material c/Grade or -240 Tp3	(Indicated Indicated Indic	Jemp_Illiptical Ratio	Nom. 1  Nom. 1  Nom. 1  Nom. 1  Nom. 3/16"  3/16"	No. 1/4"  Ithk., in.  I com. thk., exchangerall length of the corr.  (b) (b) (b)	(e). I-1/2' om. thk.  8 GA in. or g ers. Ith (ft & i  SA- Redii	impact te	0 ont (Cat. A At, None ne ne S116L Diameter	0 Corr. Allo , in. 235 Numb & 1 @  Fif. 70% 70%  No Gra Si Conv x 7" L	Circe Type I I g., (	Reta  Jum, Joint Full, Spc No No Typa) H.T Pressure Concave Yes	Attach ined Attach (Cat. A. Non- ne ne Types S	we ment (we by tube homent Stra Type (Str 70% Towns Con Full, Sp. N.	90  Ided Ided Ided or sheet Ight Ident T Ident T Ident T Ident T Ident I Ident	r botte	

16. MAWP	90		(external)	max. temp. 300	(externel)	_ %FI	vin. design	metal temp20	0°Fa	nt90	) pei
		100 PM (1)		20 (f), UCS-66(a) a	nd UHA-51(d)			Δ.		, n	<u> </u>
18 Hydro., pneu.,	01.00	mb faet pro	nss 141	(indicate yea	s or no and the com	ponent(s) in	ipact tester	o)			
19. Nozzlas, inspe			,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		31	THE SEC. OF					
Purpose (inlet,	Ī	Diameter	Flange	Mate	erial	Nozzla	Thickness	Reinforcement	How A	ttached	Location
Outlet, Drain, etc.)	No	1	Туре	Nozzle	Flange	Nom.	Corr.	Material	Nozzle	Flange	(Insp.Open
Inlet	1	6"	CL150 LJ	SA-312 TP316L	SA-105	.134"	0		d	1a	
Inlet Outlet	2	3"	CL150 SO	SA-106 GrB	SA-105	.216"	0	_	d	3	
Outlet	1	3"	CL150 LJ	SA-312 TP316L	SA-105	.216"	0		d	la	
	1	3/4"	Half Coupling	SA-182 F316L	5A-103	3000#	0		d		
Vent	+	3.4	rian Coupling	3A-102 1310D		3000"					1
	-					+					<del> </del>
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	<u></u>	ــــــــــــــــــــــــــــــــــــــ		L	L	.1	(2) C	1.11		Island to m	ole shall
20. Supports: Skir	t _		Lugs	Legs _	Oth	ers	(2) Sac	1 E2AH1199	ached <u>W</u>	elded to n	
		(Yes or N		(No.)	(No.)		(Descri			(Where an	d How)
21. Manufacturer's	Part	ial Data Re	ports properly identifie	d and signed by Commis	sioned inspectors h	ave been tu	mished for	the following items of	the report:		
(List the name	of pa	rt, item nur	nber, mfg's. name and	d identifying number)							
(List ino namo	o. pc	itti itolli ilai		, , , , , , , , , , , , , , , , , , , ,							
22. Remarks: Un	it n	ot design	ed for lethal serv	rice. UG-46(a). F	or noncorrosiv	e service.					
Unit hydro	o-tes	sted in he	orizontal position	n. Safety valve ins	talled elsewher	e in syste	m				
				CERT	IFICATE OF S	HOD COM	APLIANC	E	<b>(    </b>     -		4.0
				are correct and that al	I details of design	, material, d	construction	on, and workmansh	ip of this ve	ssei contorn	to
the ASME Coo	le for	r Pressure	Vessels, Section V	III, Division 1,				10/01		2000	
U Certificate of	f Aut	horization	No	4328		Expires		12/31		2000	
,								7	D.M	1	
Date 1/1	6/	79	Nama	Perry Product	s Corporation			Signed	2. ///	ranch	
Date 71	4	<i></i>	Name		facturer)			Oigitou	(Represe	entative)	
	-				FICATE OF SH	OD INSD	ECTION		(Ittop: Go	711000107	
				by The National Board	of College and Drope	Ur IIVOF	Inenoctor	and the State or Pr	nvince of		NJ
		olding a vall	acommissionissued			SUI G V G S S G I	mapociona	of Hartfe	ord, CT	have in	apected
and employed by				HSB I&I	YABI TO	1000		e that, to the best of	f mu Imauda	dea and hall	of the
the pressure ves	sel	described	in this Manufacturer								
Manufacturer ha	s co	nstructed	this pressure vessel	in accordance with AS	SME Code, Section	n VIII, Divis	ion 1. By s	signing this certifica	ke nsaner tr	e inspector i	nor nia
employer makes	any	warranty,	expressed or implied	d, concerning the press	sure vessel describ	oed in this N	lanufactur	er's Data Report. Fu	rthermore, n	either the Ins	pector
nor his employe	r sha	II be liable	in any manner for a	ny personal injury or pr	operty damage or	a loss of a	ny kind ari	ising from or conne	cted with thi	ls inspection.	
JAN 1	- 60		Mi	- 12				ND 7050	AD N	1 476	
Date LANV 1	J	1000 Sid	gned AMAGO	alaye		Commissi	ons	NB 7050	AD, N	0 410	
Date				Authorized Inspector)				at'l Board incl. ende			e and No.)
			' L	<del>-</del>				<del>,</del>			
				CERTIFICATE OF	FIELD ASSEM	IBLY CO	MPLIAN	CE			1840
Wecertify that t	he st	latements	on this report are con	rect and that the field a	ssembly construc	tion of all pa	irts of this	vessel conforms wi	m merequire	ements of Ac	OME
Code, Section V	/III, E	Division 1,									
U Certificate of	Auth	orization N	ło.		Expires				-		
on majamentana					502.	04040					
Date		Nan	ne	(Assembler)		Sig	ned	(Represe	ntative)		
				(Assembler)			CARION	(IZEN ESS	Induite)		
				CERTIFICATE OF F							
I the undersion	ed h	olding a v	alid commission issu	ued by The National Bo	ard of Boiler and	Pressure V	essel Insp	ectors and the Sta	te or Provinc	ce of	
and employed b							of		.,		
base compared	iba.	etalamente	in this Manufacture	er's Data Report with th	e described press	ure vessel	and state	that parts referred	to as data it	ems	
nave compared	me s	statements	TUIDINAM GIII III C	ncluded in the certificat	a of shop inepost	on have h	en inenec	ted by me and to the	e best of m	y knowledce	
			not ir	cluded in the certificat	e or shop inspect	danca :-41	VOITE OF	de Section VIII Di	vieion 1 Th	a described	(ARRA)
				assembled this pressur	re vessei in accor	ance with	ASME CO	laeneeteeneete	mpleuse mai	neartinen i	antv
was inspected a	and s	subjected t	to a hydrostatic test	ofps	i. By signing this	certificate r	enner the	Inspector nor his e	mployer mai	noo dily Wall	all
expressed or in	plie	d, concern	ing the pressure ves	ssel described in this M	lanufacturer's Dat	a Report. F	urthermor	e, neither the Inspe	ctor nor his	employer sh	ail
be liable in any	man	ner for any	personal injury or p	roperty damage or a lo	ss of any kind aris	ing from o	connecte	d with this inspection	on.		
		240	2	50 50							
Date		Signe		Authorized Inencates	Comn	nissions	(Nat'l Ros	ard incl. endorseme	nt State P	rovince and h	10.)
			( <i>F</i>	Authorized Inspector)			(IVALI DO	ard inci. Gildorodine	in piaro, i		7