	Additional Drawi			(Alternative	1A MANUFACTU we Form for Single Cl e Provisions of the A	hamber, Completel	ly Shop or Field	Fabricated Vo	essels Only)					
1. M		, ,	,	. ,	trial Air-X-Chan	ngers, 5215 Ar	rkansas Roa	ad, Catoos	sa, Oklaho		, USA			
2. M	lanufactured for	СНГ	EVRON TEX	XACO, P.O.	. BOX 1392, BA	KERSFIELD,			,					
3. Lo	ocation of Installa	ation	UNKNOW	N		(IVame	e and address o		)					
,	/pe Heat Exch (Horizontal or ve	ertical, ta	ank) (Manu	103229.1 ufacturer's serial nations of all part	number) rts meet the requi	N/A (CRN)	H	IDR-1, RE	er)		72163 nal Board num		2011 (Year built)	
			construction,		anship conform to	ASME Rules,	Section VIII, [		2010 (year)	to	N/A ddenda, if appli	A	_	
-		(Code	N/A e Case numbers)			N/A (Special Service p								
6. S	6. Shell: SA516 70 (Material spec. number, grade)				.75 in ominal thickness)		0.125 in (Corr. allow.)		N/A (Inner diameter)				N/A ngth (overall)]	
7. S			r Joint l., sngl., lap, butt)]	N/A R.T.(Spot o		1150 °F (H.T. temp)	0.75 Time (hr)		N/A ed, dbl., sngl.,		N/A spot or full)]	N/A Eff(%)	N/A No. of Courses	
8. H	leads: (a) Mater	ial -			SA516 70 pec. no., grade)		(b) Materi	ial			16 70 no., grade)			
	Location (Top, Botto Ends)	om,	Minimum Thickness	Corrosion Allowance	Crown Radius	Knuckle Radius	s Elliptical Ratio	Conical Apex Angle	Hemispheri cal Radius	Flat Diameter		Pressure (Con Concave)	nvex or	
(a)	TOP, BTM	+	.75"	0.125	N/A	N/A	N/A	N/A	N/A	13" x 154"	<del> </del>	N/A		
(b)	ENDS		.625"	0.125	N/A	N/A	N/A	N/A	N/A	13" x 7.875"		N/A		
If ren	novable, bolts us	sed (d	lescribe othe	r fastenings)	)				N/A					
0 M	4414/D	450	N mad		Ν1/Λ	at	(Mate max. temp.	rial spec. numb	-	, number)	NI/A			
9. IV	IAWP		) psi ernal)		N/A (External)		max. tomp.		400 °F (Internal)		N/A (External)	)		
Mi	in. design metal t	temp.	. 0 °F	at	150 psi	i	Hydro, pne	eu orcomi	h test nres	elira	HYDRO	). at 195 ps	·i	
	oof test	•			100 poi	·	,	5u., 01 001	U. IGGI PIGG		TITELO	7. at 190 po		
	lozzles, inspectio	n and	d safety valv	e openings:			N/A							
Purpose	e (Inlet, Outlet, Drain,	No.	Diameter	Туре	Mater	rial	Nozzle Thicknes	ss Reinf	orcement	Attachment	Details	Locat	ion	
	etc.)		or Size		Nozzle	Flange	Nom. Cor		aterial	Nozzle	Flange	(Insp. O		
	IN/OUT AUX	2	8" 6"	150# RFWN 150# RFWN	SA106 GR.B SA106 GR.B		SCH-80		Veld Veld	Welded Welded	Welded Welded	Head Head		
	DRAIN	4	1"	CPLG	SA100 GK.B	SAIUS	6000#		Veld	Welded	Welded	Nozz		
Addit	ional Nozzles - See	-		0, 10	Ortioo		000011		VCIG	Holada	Words		-10	
11. S	upports: Skirt	N	NO Lugs	s N/A	Legs N/A	Other	St	ructure		Attached		Bolted		
'^ D-	- Marinforture	(Yes	or no)	(Number)	(Number)		*	escribe)	t to the faller		,	Vhere and how)		
	emarks: Manufacture N/A	r's Par	tial Data Repor	ts properly iden	ntified and signed by	Commissioned ins	spectors, have b	een turnished	d for the follo	wing items of the	e report:			
I	Line 6Tu Straight len (A)TUBES: 2	gth 270 x 1-1/	of tubes x 1" OD, /8X12UNF-	Gauge: 1 Threaded,	(Name of part, ite ns OR Header stance betwee 16BWG, Mate: , Material:	en the head rial: SA213	s: 9.3750 ders: 44' 3 316 Roll	0.0" 0.0" ed Tube	500" X 1	(B)INSP.		3 <b>:</b>		
				s report are cor	TIFICATE OF SI prect and that all de 1 1. "U" Certificate o	etails of design, ma	aterial, construc			of this vessel co ecember 31		e ASME BOIL	_ER	
Da	ate 01/05/2012		Co. name			ndustrial Air-X-Ch	nangers	_	Signe	d Jan	(Represe	Mosas entative)	N	
_					CERTIFICA	TE OF SHOP/	FIELD INSP	ECTION						
unc <b>af</b> ic	d employed by One December 27, 20	a valid eBeaco 11	I commission is on America Ins and state that	ssued by The N surance Co., of it, to the best of	of my knowledge and	Boiler and Pressur	re Vessel Insper have insperufacturer has co	ctors and/or cted the con enstructed thi	the State or ponent des s pressure v	cribed in this M ressel in accord	fanufacturer dance with A	ASME BOILEI	R AND	
the	pressure vessel de	escribe	ed in this Manu	ufacturer's Data	by signing this certifitate Report. Furtherm nnected with this ins	nore, neither the Ir	nspector nor his nspector nor his	s/her employ s/her employ	er makes ar er shall be li	ıy warranty, exp able in any ma	oressed or ir nner for any	mplied, conce / personal inju	rning ıry or	
	Date01/05	5/201	2 Sign	ned_	Mulleri Des Made	<del>(101)</del>	Commissions	(N	ational Board (	11672A, (incl. endorsement		vince and numbe	:r)	

1471775 exe: v6.4.41 Form and version: U1A-17

## 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	d certified b	<sup>y</sup> Har	sco Indus	trial Air-X-Cha	ngers. 5215 A	rkansas	Road.	Catoosa. Oklah	oma. 7401	5. USA	
		riar	000 111440		go.o, 02 10 71	(Name an	d address	Catoosa, Oklaho of Manufacturer)	oma, 1 10 1	<u>,                                    </u>	
Manufactured for	CHEVRO	ON TEX	(ACO, P.O	. BOX 1392, B		, 93302, I		haser)			
Location of install	ation UN	IKNOW	/N								
						(Nam	e and addr	ress)			
Type H	Heat Excha	anger		N/A (Tank, separator, heat exch., etc.)				103229.1 (Manufacturer's serial number)			
N/A (CRN) Data Report Item Number				HDR-1, REV5 (Drawing number)					,		
								72163 (National Board	2011 (Year built)		
								marka			
				Remarks							
ional Remarks:											
20(f). Const	ructed :	in cor	nformance	with Appe	ndix 28.						
(-,:											
tional nozzles, ins	snection an	nd safety	, valve one	ninas:							
se (Inlet, Outlet, Drain,	Dia	meter			erial	Nozzle T	hickness	Reinforcement	Attachme	nt Details	Location
etc.)	ivo. or	Size	Туре	Nozzle	Flange	Nom.	Corr.	Material	Nozzle	Flange	(Insp. Open.)
DRAIN DRAIN		.75" 1"	CPLG CPLG	SA105 SA105		6000# 6000#		Weld Weld	Welded Welded	Welded Welded	Nozzle Header
Certificate of Auth Date <u>01/05/2012</u>			J"	No. <u>4</u>	1241 strial Air-X-Chang	ers		_ Expires <u>Decen</u>	nber 31, 20	JY.	Messe
	<u>Nam</u>	ne	"נ	Harsco Indus			nissions		Jon	014 (Represei	