	Additional Description	NI-		FORM U-1A	MANUFACTU	RER'S DATA R	REPORT I	OR PRE	SSURE VESS	SELS				
	Additional Drawing	NO.	(Alteri	native Form f	or Single Cham	ber, Completel	y Shop or	Field Fab	oricated Vesse	els Only)				
	Header Volume (cu	ı.ft.)		As Required b	y the Provision	s of the ASME	Code Ru	es, Section	on VIII, Divisio	n 1				
1. N	Manufactured and co	ertified	by Air-X-	Changers, A	A Harsco Com					ahoma, 740	15, USA			
2. N	Manufactured for	CDM, 2	0405 TOI	MBALL PKV	VY. SUITE 310	`			anufacturer) SA					
	_	NO	T 141014	.		(Name an	d address	of purcha	aser)					
3. L	ocation of Installation	on NC	I KNOW	'N		(Name and	d address)					
Heat 4. Type Exchanger			061	990.2		N/A			HDR-2, REV0			54839 2006		
				erial No.)		(CRN)			(Drawing No.)			Nat'l. Bd. No.) (Year bui		
5.						the requirements of material specifications nform to ASME Rules, Section VIII, Division				OILER AND to	PRESSUR A05		SEL	
		N/A	A se Nos.		Manship conform to ASME Rules, Section VIII, Division 1 2004 to A05 N/A (year) Addenda (Date) Special Service per UG-120(d)									
					·	·	7G-120(u)							
6. 8		A516 7 pec. No	0N ., Grade)		1.25" . Thk. (in.)	N/A Corr. Allow. (i	in.) D	0' 7.0" (iam. I.D.(f		3' 11.87 ength (overall)	_			
7. 8	Seams: CORNER			N/A	C=.20 N	/AN/A		N/A		N//		N/A	N/A	
	Long. (Welded, Dbl., Sngl	I., Lap, Bu	tt) R.T	(Spot or Full)	Eff.(%) H.T. Te	mp (°F) Time (hr	r) Girth. (Welded, Dbl.,	Sngl., Lap, Butt)	R.T (Spot	or Full)	Eff(%)	No. of Courses	
8. Heads: (a) Mat'l: SA516 70N (b) Mat'l (Spec. No., Grade)									SA516 70 (Spec. No., Grade)					
	Location (Top, Bottom	, Mi	nimum	Corrosion	Crown Radius	Knuckle Radius	Elliptical R	atio Conic	cal Hemispheri	Flat Diamete		Pressure	e (Convex or	
	Ends)		ckness	Allowance					ngle cal Radius			Conca	<u> </u>	
(a) (b)	TOP/BTM. ENDS		75" 625"	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A		4" x 47.875 4" x 5.5"	5"	N/A N/A		
If removable, bolts used (describe other fastenings)										11//	1			
		`		3 ,				(Mat'l., Sp	ec. No., Gr., Siz	ze, No.)				
9.	MAWP 1	440		N/A	nei	at max. temp.		300	1	N/A	°F			
	(int	ternal)		(extern	ial)	at max. temp.	(ir	iternal)		ternal)	-			
M	in. design metal tem	ıp	-10	°F at	1440	psi	Hydro, pn	eu., or cor	mb. test press	ure	Hydro. at	1872	psi.	
10.	Nozzles, inspection	n and s	afety valve	e openings:					1					
Purpose (Inlet, Outlet, Drain)		No.	Diam. or	Size Typ	oe	Mat'l.		Nom. Thk.	Reinforcement Mat'l.		How Attached		Location	
_	UT	1	4"	900#RFV	VN SA105/S	A106 GR.B		SCH 80	WELD		WELDED		EADER	
N/C	UT	1	4"	900#RFV	VN SA105			SCH 80	WELD		WELDED	Н	EADER	
													_	
11.	Supports: Skirt (Ye	NO es or no)	Lugs_	N/A Le	egs N/A (No.)	Other		RUCTURE Describe)		_Attached		BOLTE ere and l		
12.	Remarks: Manufacturer	,		,	, ,	Commissioned Ir	,	,	rnished for the fo	llowing items o			,	
_	N/A													
	<i></i>					number, Mfgr's		-						
	(A) Tubes: 122 Sheet. (B) In	2, .62 1sp. C	penings	straight: s: 244, Ty	pe: 3/4" x	gtn: 288", 16UNF-Thre	Gauge:	16BWG, Materia	Material L SA105	(C) Impa		<u>e</u> _		
Requirements: Vessel Exempt from Impact Testing Per UG-20(f). Constructed in conformance with Appendix 28.														
	Appendix 20.													
						OP/FIELD CO								
	e certify that the stanform to the ASME												vessel er 31, 2008	
Da	ate 12/18/2006	Co.	name		Air-X-Changer	s, A Harsco Con	npany		Signe	ed Q	(Represen	Iren	rel	
					(Manu	ıfacturer)				- 0	(Represen	tative)		
					CERTIFICATI	E OF SHOP/F	IELD INS	PECTIO	N					
	ssel constructed by	P. I.	Air->	K-Changers, A	Harsco Company		_at <u>5215</u> /	Arkansas R	oad, Catoosa, C	Oklahoma, 740)15, USA		I, the	
	lersigned, holding a val l employed by <u>OneBe</u>	acon An	nerica Insur	ance Co., of Bo	ston, MA		have ins	pected the	component des	cribed in this I	Manufacturer's	Data R	eport on	
	December 8, 2006 , Division 1. By signing	and s	tate that, to	the best of my	knowledge and b	pelief, the Manufa	cturer has	constructed	d this pressure v	essel in accor	dance with AS	SME Cod	de, Section	
Ма	nufacturer's Data Repo	ort. Furth	nermore, ne	ither the Inspe										
aris	ing from or connected		•											
	Date 12/19/20	006	Signe	d ///	180 m	ctor	Commission	s	(Nat'l Board (ir	11672A, ncl. endorsem	OK765 ents) State F	Prov. and	I No)	

574427 exe: v6.4.42 Form and version: U1A-13