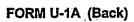
DIRECT CHOCKE TO SOLETY BOTTON

FORM MANUFACTURER'S DATA REPORT FOR PRESSURE VESSELS REPORT BY NATIONAL BOARD

(ALTERNATIVE FORM F INGLE CHAMBER, COMPLETELY SHOP OR FIELD FALL TED VESSELS ONLY)

AS REQUIRED BY THE PROVISIONS OF THE ASME BOILER AND PRESSURE VESSEL CODE RULES, SECTION VIII, DIVISION 1

Manufactured and certified by: AXH air-coolers, LLC - 401 EAST LOWRY ROAD - CLAREMORE, OKLAHOMA 74017																			
(Name and address of manufacturer)																			
2. Manufactured for: VALERUS FIELD SERVICES, 919 MILAM, SUITE 1000, HOUSTON, TX 77002-5386																			
3. Location of installation: UNKNOWN																			
4. Type HORZ, H. EXCHANGER 1493					49385	F.1		NONE	(Name and 149385-HDR-A			(AC R0 29698				8 2014			
4. Type HORZ. H. EXCHANGER (Manufactur (Horizontal. or vertical, tank) (Manufactur						_	(CRN)	(Drawing num											
5. ASME CODE, SECTION VIII, DIVISION 1 2013 EDITION / NONE																			
6. Shell TUBE/PLUG: SA-516-70 FR & BK 1" .125"									FR & BK 0' 5 1/4"						per UG-120(D)] 1/4"				
(Material spec. number, grade)						(Nominal thickness)			(Corr. Allow.)			(Inner diameter)			[Length (overall)]				
		_						Body	y Flanges on	Shells		r	т —			Вс	olting		
			.	_	_ _	-											Washer	T	
No.	Туре	- "	D -	01		ge Thk	Min Hu	b Thk	Material	How A	ttached	Location	Num 8	& Size	Bolting M	laterial	(OD, ID, thk)	Washer Materia	
==			=			:-	-		-:-		-	-			- :	\neg			
	-					-					-	-			-			-	
7. Seams																			
[Long. (welded, dbl., R.T. (spot or Full) (Eff., %) (H.T. temp. F) (Time, hr) [Girth (welded, dbl., sngl., lap, butt)] [R.T. (spot (Eff., %) (No. of courses) sngl., lap, butt)]																			
8. Heads (a) Material WRAPPERS: SA-516-70 (b) Material ENDS: SA-516-70																			
(Spec. no., grade) (Spec. no., grade)																			
Loc	ation (Top,	Mini	mum	Corro	-	rown	1	Knuckle Ell		ptical		Conical		Hemis	pherical	Fla	Flat Side to Pressu		
	tom, Ends)		kness	Allow		adius		Radius		atio		Apex Angle			dius	Diame		vex or Concave)	
(a) WF	WRAPPERS 3/4"		.12	5"									-		**		FLAT		
			/8"	.12	5"	-	-					-			-	***		FLAT	
(4)																			
	Body Flanges on Heads																		
									Bolting Washer						Т				
	Location	Ту	pe	IC		OD	Flang	e Thk	Min Hub Thk	Ma	terial	How Attache	Num 8	Size	Boilting M	aterial	(OD, ID, thk)	Washer Material	
(a) (b)	-		-			-	-	-		+	-	-	+-:		-	-	-	 	
(6)																			
9. MAWP 1287 psi. N/A at max. temp 300 °F N/A										Α									
(Internal) (External) (External)																			
Min. design metal temp																			
Proof test NONE																			
10. Nozzle		on, an			ve opening	s:													
Purpose (Inlet,Outlet,Drain) No.			19900000	Diameter or size		Type No		erial Flange		Nozzle Ti om.		orr.	Reinforcement Material		Nozzle		nt Details Flange	Location (Insp. Open.)	
INLET/OUTLET		2			PIPE/RFWI			SA-10		160	_	25"	NONE		UW-1	_	UW-12(1)	HEADER	
INSTRUMENT		1	1'	_	CPLG		-105	-		6000#		25"	NONE		UW-1	6(a)		HEADER	
PLUGS		304	3/4"-	-16 UNF		SA	SA-105		\neg				-		-		-	HEADER	
11. Supports: Skirt NO Lugs						N/A			I/A	Otl			RUCTURE Attach		hed _				
(Yes or no) (Number) (Number) (Describe) (Where and How)																			
12. Remarks: Manufacturer's Partial Data Reports properly identified and signed by Commissioned Inspectors have been furnished for the following																			
items of the report: (Name of part, item number, Manufacturer's name and identifying stamp)																			
+0.UE+0555	ONE 17-		up 4	mars.	חחבחה בי								statilp)						
*2 HEADERS					PPERS FLA				***ENDS F			A 3 3/4".				_			
152 TUBES									MER SPECI			000000000	140771		011/ 00				
IMPACTS EXEMPT PER UG-20(f). PRESSURE RELIEF DEVICE BY OTHERS. CONSTRUCTED IN ACCORDANCE WITH APPENDIX 28.																			



CERTIFICATE OF SHOP / FIELD COMPLIANCE											
We certify that the statements made in this report are correct and that all details of design, material, construction, and workmanship of this											
vessel conform to the ASME	BOILER AND PRESSU	RE VESSEL CODE, Section	n VIII, Division 1	1. "U" C	ertificate of Authori	zation Number <u>34,950</u>					
expires 02/07/2017					// /	1.1					
Date 8 - 7 - 2014	Co. name	AXH air-coolers, LLC	. Si	igned	Kekee	Ce estis					
		(Manufacturer)				(Representative)					
CERTIFICATE OF SHOP / FIELD INSPECTION											
Vessel constructed by	AXH a	ir-coolers, LLC.	at	401 E.	LOWRY ROAD - CLA	REMORE, OKLAHOMA 74017					
I, the undersigned, holding a valid commission issued by the National Board of Boller and Pressure Vessel Inspectors and employed by											
ONECIS INSURANCE COMPANY OF LYNN, MA											
have inspected the componer	nt described in this Manu	facturer's Data Report on	8-5	-14	', and state that, t	to the best of my knowledge					
and belief, the Manufacturer h	as constructed this pres	sure vessel in accordance	with ASME BOI	ILER AN	 ND PRESSURE VE	ESSEL CODE,					
Section VIII, Division 1. By signing this certificate neither the inspector nor his/her employer makes any warranty, expressed or implied, concerning											
the pressure vessel described in this Manufacturer's Data Report. Furthermore pertiner the inspector nor his/her employer shall be liable in any											
manner for any personal injury or property damage or a loss of any kied ansing from or connected with this inspection.											
Date 8-7-14 -	Signed		Commissio	ons	NB12	2461A OK883					
	(A	uthorized Inspector)			[National Bos	rd (incl. endorsements)]					