2706762



BOILERS AND PRESSURE VESSELS REPAIR AND ALTERATION (A) #:

REPORT OWNER EQUIP NO.:

	REPAIR	l⊠ ar	nd/or	,	TION [Partial	Final	
Name	and Address of Organiz	zation doing	Repair/	Alteration Natco	Canada				
11236	-91 AVE Grande Prairie,	AB T8V 6K6		AQP N	o. & Expiry	Date 14	416 / N o	vember 6,	2009
Locati	ion of Installation 14-01	-98-08W6 F	ireBird						
Name	of Owner Conoco Phillip	os Canada							
Addre	ss_401-9 th Avenue S.W,	Calgary, AB	T2P 2H	7					
Boiler	/Pressure Vessel Descri	i ption Horize	ontal Fre	ee Water Knock	Out	С	RN K-56	356.2	
Manuf	facturer's Name Wells H	lall Fabrication	on			Serial N	o. <u>91-60</u>	066-0	
a) Ve	n Conditions: essel/Shellside/Boiler: Ma cket/Tubeside: Ma		_	Press75 PS			•	np <u>-20F/1</u> np	00F /
	iption of defects (location ed Pitting on lower shell for	• •			ulted in the	repair/al	teration)		
Corro	sion of 3" 90 deg elbow o	n drain line							
	Code Edition and Adde Alter. Description of World.				•		Addenda od, attach		l sheets a
Repair needed Note 1	r/Alter. Description of W d. 1: Repair/Alteration Pro Build up of wasted areas	ork. Step by cedure to b on shell usin	v step de ne accel ng Natco	escription of repoted by ABSA	air/alteration SCO pricer Bead Pre	on metho or to star	od, attach rt of wor 1SMP1T	additionark.	
Repair needed Note 1 Weld Remo	r/Alter. Description of W d. 1: Repair/Alteration Pro	ork. Step by ocedure to b on shell usinge From 3"	v step de pe accep ng Natco Drain no	escription of repoted by ABSA	air/alteration SCO pricer Bead Pre	on metho or to star	od, attach t of wor 1SMP1T replaced	n additionark. BAWN-50 with new	Flange
Repair needed Note 1 Weld Remo	r/Alter. Description of Wdd. d. 1: Repair/Alteration Pro Build up of wasted areas ove corroded Elbow & Flan	ork. Step by ocedure to b on shell usinge From 3"	v step de pe accep ng Natco Drain no	escription of repoted by ABSA	air/alteration SCO pricer Bead Pre	on methor to star	od, attach t of wor 1SMP1T replaced	additiona k. BAWN-50 d with new	Flange
Repair needed Note 1 Weld Remo	r/Alter. Description of Wd. 1: Repair/Alteration Pro Build up of wasted areas ove corroded Elbow & Flat ection 11 and 15 for addit	ork. Step by ocedure to be on shell using nge From 3" tional informa	v step de ne accep ng Natco Drain no ation.	escription of repoted by ABSA or seg'd Tempe ozzle, elbow wil	air/alteration SCO pricer Bead Probe elimina	on methoder to star	od, attach t of wor 1SMP1T replaced C Todd Lora	additional rk. BAWN-50 d with new hief Inspan Re JUL 3 0	Flange Dector viewed 2008
Repair needed Note 1 Weld Remo	r/Alter. Description of World. 1: Repair/Alteration Pro Build up of wasted areas ove corroded Elbow & Flat election 11 and 15 for additional - List any material used	ork. Step by ocedure to be on shell using From 3" tional informational informational in repair/alternational in repair/alterna	y step de pe accept ng Natco Drain no ation.	escription of reported by ABSA I's Reg'd Temper Dozzle, elbow will	air/alteration SCO price Bead Probe elimina	on methor to star occedure ated and	od, attach of wor 1SMP1T replaced C Todd Lora	additional rk. BAWN-50 d with new hief Inspan Re JUL 3 0 00085 Ap	Flange Dector viewed 2008 proved
Repair needed Note 1 Weld Remo See s	r/Alter. Description of World. 1: Repair/Alteration Pro Build up of wasted areas ove corroded Elbow & Flan ection 11 and 15 for additional - List any material used Mat'l Spec.	ork. Step by ocedure to be on shell using nge From 3" tional informa	v step de ne accep ng Natco Drain no ation.	escription of repoted by ABSA or seg'd Tempe ozzle, elbow wil	air/alteration SCO price Bead Probe elimina	on methoder to star occedure ated and ded on:	od, attach of wor of SMP1T replaced C Todd Lora BPVI #00	additional rk. BAWN-50 d with new hief Inspan Re JUL 3 0	Flange Dector viewed 2008
Repair needed Note 1 Weld Remo See s Materia Item nell/Drum ubeshe	r/Alter. Description of World. 1: Repair/Alteration Pro Build up of wasted areas ove corroded Elbow & Flan election 11 and 15 for additional - List any material used Mat'l Spec. SA516-70N	ork. Step by ocedure to be on shell using tional informational informati	y step de pe accep ng Natco Drain no ation. Peration a Diam 96"OD	escription of reported by ABSA I's Reg'd Temper Dozzle, elbow will and any base material Item Heads/ Ends Tubes	air/alteration SCO price Presented P	on methoder to star occedure ated and ded on:	t of wor 1SMP1T replaced C Todd Lora BPVI #00	h additional rk. BAWN-50 d with new hief Inspan Re JUL 3 0 00085 Ap Thick/Sch 345"	Flange Dector viewed 2008 proved Diam 96"
Repair needed Note 1 Weld Remo See s Materia Item nell/Drum ibeshe	r/Alter. Description of World. 1: Repair/Alteration Pro Build up of wasted areas ove corroded Elbow & Flan ection 11 and 15 for additional - List any material used Mat'l Spec.	ork. Step by cedure to be on shell using From 3" tional informational information info	y step de de accep ng Natco Drain no ation.	escription of reported by ABSA is Reg'd Temperozzle, elbow will and any base market ltem	air/alteration SCO price Bead Probe elimina	on methoder to star occedure ated and ded on:	t of wor 1SMP1T replaced C Todd Lora BPVI #00	additional rk. BAWN-50 d with new hief Inspan Re JUL 3 0 00085 Ap Thick/Sch	Flange Dector viewed_ 2008 proved Diam
Repair needed Note 1 Weld Remo See s Materia Item nell/Drum ubeshe ozzles Weldin	r/Alter. Description of World. 1: Repair/Alteration Pro Build up of wasted areas Eve corroded Elbow & Flant Election 11 and 15 for additional - List any material used Mat'l Spec. SA516-70N SA 106B Rg Procedure – Alberta R	ork. Step by ocedure to be on shell using tional informational informati	y step de de accep ng Natco Drain no ation. Peration a Diam 96"OD 3"	escription of reported by ABSA is Reg'd Temper ozzle, elbow will and any base mand any	air/alteration SCO price Bead Probe elimina aterial welco Ma SA516-700 SA105N S	ded on: t'I Spec. ched 160	t of wor 1SMP1T replaced C Todd Lora BPVI #00 Signature:	additional rk. BAWN-50 d with new hief Inspan Re JUL 3 0 00085 Ap Thick/Sch 345" Class 150 MP1TBAV	Flange Dector Viewed 2008 Proved Diam 96" 3"
Repair needed Note 1 Weld Remo See s Materia Item nell/Drum ubeshe ozzles Weldin Heat Ti	r/Alter. Description of World. 1: Repair/Alteration Pro Build up of wasted areas Eve corroded Elbow & Flair Election 11 and 15 for additional - List any material used Mat'l Spec. SA516-70N SA 106B Repair / Alberta Repair / Alberta Repair / Bake Out (Temp./	ork. Step by ocedure to be on shell using the	pe accepting Natcon Drain not ation. Diam 96"OD 3" Jumber V	escription of reported by ABSA I's Reg'd Temper Dozzle, elbow will Item Heads/ Ends Tubes Flanges/Fitting MP- 327.2 Preheat Temp	air/alteration SCO price Bead Probe elimina aterial welco Ma SA516-700 SA105N S	on methoder to star occedure ated and ated on:	t of wor 1SMP1T replaced C Todd Lora BPVI #00 Signature:	additional rk. BAWN-50 d with new hief Inspan Re JUL 3 0 00085 Ap Thick/Sch 345" Class 150 MP1TBAV	Flange Dector Viewed 2008 Proved Diam 96" 3"
Repair needed Note 1 Weld Remonstrate See s Materia Item nell/Drum beshe ozzles Weldin Heat Ti	r/Alter. Description of World. 1: Repair/Alteration Pro Build up of wasted areas Eve corroded Elbow & Flant Election 11 and 15 for additional - List any material used Mat'l Spec. SA516-70N SA 106B Rg Procedure – Alberta R	cedure to be on shell using from 3" tional informational information infor	pe accepting Nation Drain notation. Peration a Diam 96"OD 3" Jumber V hr and ext	escription of reported by ABSA is Regid Temperozzle, elbow will and any base mand any base mand any base mand any base mand Elemant Heads/ Ends Tubes Flanges/Fitting MP- 327.2 Preheat Tempent).	air/alteration SCO price Presented P	ded on: ched 160 umbers u st Weld HT	t of wor 1SMP1T replaced C Todd Lora BPVI #00 Signature	an additional rk. BAWN-50 di with new hief Inspan Re JUL 3 0 00085 Ap Thick/Sch 345" Class 150 MP1TBAV	Flange Dector Viewed 2008 Proved Diam 96" 3"

			(A) #: 270676	62	OWNER EQUIP. NO
12. F	Pressure Test	Vess	el/Boiler/Shellside		Tubeside/Jacket
	a) Hydrostaticb) Other Test	In Service Leak	Test		
p		and signed by Au			Reports or Repair/Alteration Reports tems of this report: (Welded parts
- 14. F	Responsibility O	wner/Client. Ider	ntify below items that	the owner/client	has assumed responsibility for. Note (2)
	a) Design Submi	ssion	b) Repair/Alteration	Procedure:	c) Material Control
	d) Welding Cont	rol e) l	NDE <u>X</u> f)	Heat Treatment	g) Pressure Test
ft 15	unction c, d, e, f,	or g. sel is PWHT'd, re	pair welds will not be	PWHT'd howev	or the scope of work, to assume responsibility for a temper bead procedure will be
			•		Il be internally coated with Devoe253
	,			OMBUANOE	·
16.		CI	ERTIFICATE OF C	OMPLIANCE	
					sign, material, construction and workmanship or Act and Regulations.
	a) For all iten NATCO CANADA	ns except for items	s identified in 14:	b ConocoP	•
	(Repair/Alter: 1416	ation Organization Name)	V. 09 2009	8042	(Owner/Client Organization Name) Nov 25, 2009
-	(AQP Nur	nber & Expiry Date)			(AQP Number & Expiry Date)
_		nature & Date)			(Signature & Date)
-	Jim D Kotronis	int Name)			(Print Name)
17. D	ATE WORK WAS	COMPLETED:			
18.		CI	RTIFICATE OF IN	SPECTION	
					e best of my knowledge, this work has been done ents established in AB-513.
(F	Required when O	ection Certification wner-User Inspect ized Owner-User (s the work under		fety Codes Officer Certification ork is inspected by ABSA).
	Ow	ner-User AQP# & Expiry Date			
	Owner User In-S	ervice Inspector Sig	nature & Date		ABSA SCO Signature & Date
	Owner-User II	n-Service Inspector Name (Ple	ease Print)	***************************************	Print Name
	Owner-Use	er In-Service Inspector Alberta	Cert #		
Repo	ort Received by	ABSA SCO		Date	