

			LSD: 12-	-27-049-1	.9W5	Date: 2	014-03-20	SAP Equ	ipment ID	66069776		
					VESSEL ST	ATIC DAT	4					
lant:	MIN	IEHEAD		o	P Unit:				System:			
Prov. Insp . #: 0488071				С	CRN: K0270.23				<b>Equip Tag#:</b> 66069776			
quipment De	scription:	SEPARA	ATOR	-					Serial #:	005	5739-200	
lanufacturer:	. Nu	SCO							Vessel Class	: ves	ssel	
nternal Acces	ss: No			D	escription:				Year Built:	20	02	
1AWP:	99	29	kpa	A	t Temp	38	С		MDMT:		-29 C	
ode:				R	<b>T:</b> RT2				PWHT:	No		
iameter: 4	06 mi	n <b>Length</b>	<b>1:</b> 2286	mm <b>(</b> 1	<b>//T):</b> mm	OAL:	mm		Orientation:	Ver	tical	
SHE	:LL	Mat'l: SA-:	106 B	Т!	nickness:	26.19	mm		Corr Allowar	nce:	1.59 mm	
HEA	AD	Mat'l: SA-	516 70	TI	nickness:	20.65	mm		Corr Allowar	nce:	1.59 mm	
	Nozzle N	lat'l:		т	nickness:				Corr Allowar	nce:		
nternal Coati	ng:			Iı	nternal Clad:	No			Capacity:		m3	
lanway:	No	)		Ir	spection Port:	Ye	5		Skirt X	Legs	Saddle	
lozzle Rating	:		lb ANSI	P	ainted:	Ye	5		Insulated:	No		
					PROCES	S DATA						
roduction De	scription:			9	Sweet	Sour:						
perating Pre	ssure		kpa	0	perating Temp:			С				
					PSV STATI	C DATA						
		Size(mm)		(mm)	Set Press Capacity Manufacturer		or			Last Service		
Tag #	Serial No.	Location	Inlet	Out	(-p-)	Imperial (SCFM)	- Idilalactarei		Model	Service	Company	
	1296-8	Shell	25.40	25.4	9929	5181	TAYLOR		82E835131 1	2009/03/02	WIZARD.	
					PSV DE	TAILS			1		<u> </u>	
		Type(Tl	read/Flange	e)	I AN	NSI Rating			Siz	e(In/mm)		
DDD Tele	_	Threade		-		1/A			25.40			
PRD Inle					+				25.40			
PRD Outl	et	Threade	ed		<u> </u>	I/A				). <del>+</del> U		
				NI	DE Equipment	t Records						
Proced	ure #	Descrip	otion	Mai	nufacturer	М	odel#		Serial#		Due Date	
**** See As	sociated ND	E Report	<u>.                                    </u>					•		<del>.</del>		
		<u> </u>										
					INSPECTI	ON SUMM	ARY					
201/10 5455	F.V.F.A.D. 0.F.T	\	N/AL LIT ===	DE0211	D. NO CORDO	NON NOTES						
PSV IS PAST	5 YEAR SER	VICE INTER	KVAL. UT PEI	KFURME	D - NO CORROS	SION NOTED						
					RECOM	IMENDATI	ONS					
RECOMMEN	D SERVICIN	G PSV. VES	SEL IS FIT F	OR SERV	ICE							

PSV IS PAST 5 YEAR SERVICE INTERVAL. UT PERFORMED - NO CORROSION NOTED

RECOMMEND SERVICING PSV. VESSEL IS FIT FOR SERVICE

#### NONCONFORMANCES/INSPECTION DEFICIENCES



		INSPECTION PLA	NNING		
Inspection Strategy		Availability	Inspection	on Interval	
Inspection Date	2014/03/20	Date of Last Inspect	Date of N	lext Insp	2018/03/20
		REPORT CERTIFIC	CATION		
-	tify that inspections/tests have nsidered fit for service until the	been completed in accordance with the date of next inspection.	identified inspection strategy and	that the	
Inspected by	Duncan Ken	ndrick Om and kan	Cert #	Date	2014/03/20
Reviewed and Approved				Date	
Criticality Assessment Ren	run	Inspection Planning Re	run		
Assessed Next Inspection	n Date				



#### **DETAILED INSPECTION VISUAL EXTERNAL**

ID	Description	Condition	Location	NCR	Comments
V1	General Other (Please Explain)	Accept			GOOD CONDITION.
V2	General Corrosion	Accept			NO CORROSION
V3	General Leaks	Accept			NO LEAKS
V4	Vibration	N/A			
V5	Dissimilar Flange Rating	N/A			
V6	Ladder/Stairway	N/A			
V7	Heads	Accept			GOOD CONDITION.
V8	Guy Wires	N/A			
V9	Electrical Ground	Accept			GOOD CONDITION.
V10	Painted Inactive Corrosion	N/A			
V11	Coating/Painting	Accept			GOOD CONDITION.
V12	Expansion Joint or Bellows	N/A			
V13	Gauge/Site Glass	Accept			GOOD CONDITION.
V14	Shell	Accept			GOOD CONDITION.
V15	Jacket	N/A			
V21	Support Other (Please explain)	Accept			WELDED SECURE
V22	Foundation	Accept			GOOD CONDITION.
V23	Anchor Bolts	N/A			
V24	Saddle/Skirt	Accept			GOOD CONDITION.
V25	Davit	N/A			
V26	Fireproofing	N/A			
V31	Connections Other (Please explain)	Accept			GOOD CONDITION.THREADED
V32	Small Branches	N/A			
V33	Nozzles	Accept			GOOD CONDITION.
V34	Manways	N/A			
V35	Reinforcing Pads	N/A			
V36	Inadequate Thread Engagement	N/A			
V37	Bolting	Accept			GOOD CONDITION.
V38	Flanges	Accept			GOOD CONDITION.
V39	Leak Clamps	N/A			
V41	Insulation Other (Please explain)	N/A			
V42	Damage	N/A			
V43	Penetrations	N/A			
V44	Insulation Jacket	N/A			
V45	Banding	N/A			
V46	Seals/Joints	N/A			
V51	Relief Devices Other (Please explain)	Accept			GOOD CONDITION.LAST SERVICE DATE 2009/03
V52	Corrosion	Accept			NO CORROSION
V53	Leaks	Accept			NO LEAKS
V54	Restricted Inlet/Outlet	N/A			
L v 34	Nesurcted They outlet	IN/A			



			LSD:	12-27-049	9-19W5	Date:	2014-03-2	20 SAP Equipment ID	66069776	
ſ	V55	Manual Operation Lever		N/A						

# DETAILED INSPECTION OTHER TECHNIQUES

ID	Location	Observation/Measurement	Acceptance Criteria	NCR	Comments

#### **DETAILED INSPECTION UT THICKNESS**

	CML	Nom. Thickness (mm)	CURRENT READINGS (mm)	short term corr rate (mm/y)	long term corr rate (mm/y)	remaining life (year)	Survey Date	Comments
05	(HEAD)	20.65	21.49	0.0000	0.0000	198.0	2014/03/20	
10	(SHELL)	26.19	28.52	0.0000	0.0000	198.0	2014/03/20	
15	(SHELL)	26.19	27.89	0.0000	0.0000	198.0	2014/03/20	
20	(SHELL)	26.19	27.91	0.0000	0.0000	198.0	2014/03/20	
25	(SHELL)	26.19	27.64	0.0000	0.0000	198.0	2014/03/20	
30	(HEAD)	20.65	21.51	0.0000	0.0000	198.0	2014/03/20	
35	(90L 3 STD)	5.49	5.33	0.0123	0.0123	173.8	2014/03/20	
40	(90L 2 160)	8.74	7.59	0.0921	0.0921	58.9	2014/03/20	
45	(90L 2 XS)	5.54	5.03	0.0409	0.0409	69.8	2014/03/20	
50	(90L 3 STD)	5.49	5.74	0.0000	0.0000	198.0	2014/03/20	

Inspected By	Signature	CGSB Level	CGSB No.	Survey Date	UT Equip	Due Date OF Calibration	NDE Procedure No.
Gordon Derewianko	line	1	13896	03/20/2014	101_91637903_EPOCH4+	06/27/2014	WQS UT-001



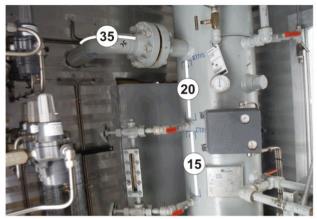
# Client:

# **HUSKY ENERGY**

# **EXAMINATION ILLUSTRATION**

DISTRICT:	FOOTHILLS ANSELL	FACILITY:	LOCATION/LSD:	12-27-049-19W5	
EQUIP NAME:	SEPARATOR			PROV REG No.:	A#0488071
SERIAL No.:	005739-320	Equip No.:	66069776	National Board No.:	











Notes:

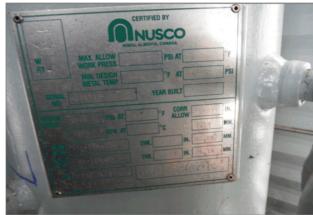


#### Client:

# **HUSKY ENERGY**

# **PHOTOGRAPHS**

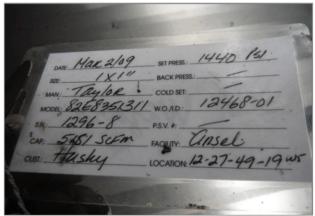
EQUIP NAME:	SEPARATOR			PROV REG No.:	A#0488071	
SERIAL No.:	005739-320	Equip No.:	66069776	National Board No.:		



NAMEPLATE







PSV TAG



LSD

