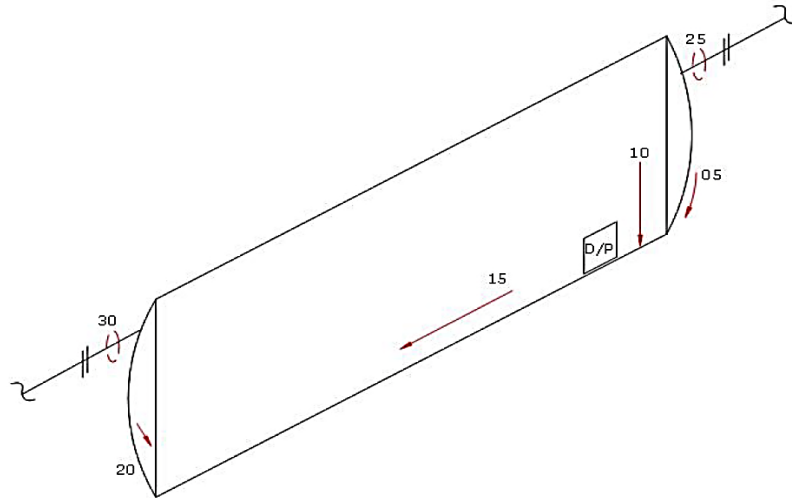




Location Name:	ANSELL	LSD:	07-21-051-19 W5M
Jur #:	A0563306	Equipment/Tag No.	66126579
Equipment Description:	FLARE KNOCKOUT DRUM		
Manufacturer:	PTRAMID		
Serial Number:	07-2933-0001	CRN:	U1205.21
Shell MAWP:	103	KPA Shell Design Temp:	150 °C
Tube MAWP:		KPA Tube Design Temp:	°C
Shell Material:	SA-516-70N	Head Material:	SA-516-70N
Shell Thickness:	15.88	mm Head Thickness:	17.46 mm
Corrosion Allowance:	3.175	mm Date Built:	2007
Size:	2013	mm Pipe / Rolled Plate:	PLATE
RT:	1	Streamline Report #:	STL-19-0246-DMS 76

NOTES: SAP#66126579.







Ultrasonic Corrosion Survey

*All values are in millimeters unless otherwise stated.

Survey Name: Husky Energy

Date: JUNE 16/ 19

Streamline Report #: STL-19-0169-DMS 76

Inspector: JAEHUN LEE

LSD: 07-21-051-19 W5M	Area: ANSELL	Location: ANSELL GAS PLANT
Jur #: A0563306	Tag Number: 66126579	Vessel Name: FLARE KNOCKOUT DRUM
CRN: U1205.21	Year Built: 2007	Serial Number: 07-2933-0001
RT: 1	Vessel CA: 3.175 mm	Manufacturer: PTRAMID
	Shell MAWP: 103 KPA	Tube MAWP: KPA
	MAWT: 150 °C	MAWT: °C
		Pipe/Plate PLATE

CML Description	Baseline	Flange ANSI:	Material: SA-516-70N
05 HEAD	2014 2019	CA Nominal	T Min
Shape: Ellipsoidal	Min 19.13 18.90	3.175 17.463	STCR mm/yr 0.046
OD: 2013	Avg 19.33 19.25		LTCR mm/yr 0.000
Spec: ASME VIII Div.1	Comments:		Remaining Life:
			Retirement Date:

CML Description	Baseline	Flange ANSI:	Material: SA-516-70N
10 SHELL	2014 2019	CA Nominal	T Min
Shape: Cylindrical	Min 16.33 16.26	3.175 15.875	STCR mm/yr 0.015
OD: 2013	Avg 16.48 16.41		LTCR mm/yr 0.000
Spec: ASME VIII Div.1	Comments:		Remaining Life:
			Retirement Date:

CML Description	Baseline	Flange ANSI:	Material: SA-516-70N
15 SHELL	2014 2019	CA Nominal	T Min
Shape: Cylindrical	Min 16.23 16.23	3.175 15.875	STCR mm/yr 0.000
OD: 2013	Avg 16.38 16.33		LTCR mm/yr 0.000
Spec: ASME VIII Div.1	Comments:		Remaining Life:
			Retirement Date:



Ultrasonic Corrosion Survey

*All values are in millimeters unless otherwise stated.

Survey Name: Husky Energy

Date: JUNE 16/ 19

Streamline Report #: STL-19-0169-DMS 76

Inspector: JAEHUN LEE

LSD:	07-21-051-19 W5M	Area:	ANSELL	Location:	ANSELL GAS PLANT
Jur #:	A0563306	Tag Number:	66126579	Vessel Name:	FLARE KNOCKOUT DRUM
CRN:	U1205.21	Year Built:	2007	Serial Number:	07-2933-0001
RT:	1	Vessel CA:	3.175 mm	Manufacturer:	PTRAMID
		Shell MAWP:	103 KPA	Tube MAWP:	KPA
		MAWT:	150 °C	MAWT:	°C
					Pipe/Plate PLATE

CML Description		Baseline			Flange ANSI:		Material:	SA-516-70N	
20	HEAD	2014	2019	Flag	CA	Nominal	T Min	STCR mm/yr	LTCR mm/yr
Shape:	Ellipsoidal	Min	19.15	19.15	14.288	3.175	17.463	0.000	0.000
OD:	2013	Avg	19.38	19.35				Remaining Life:	
Spec:	ASME VIII Div.1	Comments:						Retirement Date:	

CML Description		Baseline			Flange ANSI:		Material:	SA-106-B	
25	NOZZLE	2014	2019	Flag	CA	Nominal	T Min	STCR mm/yr	LTCR mm/yr
Shape:	360° Circ	Min	8.18	8.03	3.937	3.175	7.112	0.031	0.000
OD:	168.275	Avg	8.51	8.33				Remaining Life:	
Spec:	ASME VIII Div.1	Comments:	ASSUMED NOMINAL					Retirement Date:	

CML Description		Baseline			Flange ANSI:		Material:	SA-106-B	
30	NOZZLE	2014	2019	Flag	CA	Nominal	T Min	STCR mm/yr	LTCR mm/yr
Shape:	360° Circ	Min	7.78	7.90	3.937	3.175	7.112	0.000	0.000
OD:	168.275	Avg	8.56	8.46				Remaining Life:	
Spec:	ASME VIII Div.1	Comments:	ASSUMED NOMINAL					Retirement Date:	