

LINE DESIGNATION TABLE

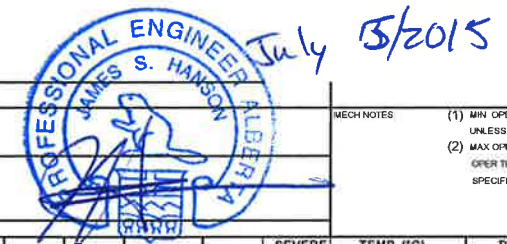
REV: 0  
 DATE: 2-Aug  
 BY: DNW

1  
 2  
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SO #: W143431

PROPAK

VERMILION ENERGY  
 WSM GAS OFFLOAD PROJECT  
 DEBUTANIZER UNIT

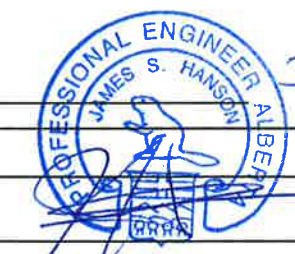


MECH NOTES (1) MIN OPERATING TEMP IS AMBIENT UNLESS SPECIFIED BY PROCESS (2) MAX OPERATING TEMP IS NORMAL OPER TEMP +15C UNLESS SPECIFIED BY PROCESS

NOTES: It is the owner's ultimate responsibility to classify the fluid service category. It is assumed that the owner will ensure operating circumstances and safeguards are in place to prevent a Category M fluid service classification. A category M fluid service will not be specified unless requested by the owner. CODE OF CONSTRUCTION: ASME B31.3

REV	MFS#	COM	New LINE NO	LINE CLASS	SIZE (mm OD)	INSUL (mm)	PAINT SPEC	FROM	TO	PHASE		DENSITY (kg/m3)		TEMP (°C)			PRESSURE (kPag)			COMMODITY	ASME B31.3 FLUID SERVICE CATEGORY	MATERIAL	% RAD.	S.R.	SCH (SW/NPT)	C.A. (mm)	SEVERE CYCLIC YES/NO	TEMP (°C)		PIPE STRESS ANALYSIS	AREA / SPOOL
										VAP FRAC	VAP DENS	HC LIQ DENS	AO LIQ DENS	OPER	MIN DES.	MAX DES.	OPER	DES	TEST									MIN (1)	MAX (2)		
										OPER	DES	TEST	OPER	DES	TEST	OPER	DES	TEST	OPER									DES	TEST		
2	100-03	P	100	A	114	NONE	PNT-11	N2 (INLET SEPARATOR)	V-140 (DEBUTANIZER FEED DRUM)	0.00	N/A	N/A	N/A	6.323	-28.8	65.5	921	1379	2947	PROCESS	NORMAL FLUID SERVICE	A-106-GR B	10	NO	Std	1.59	NO				
1	100-03	P	102	A	33	NONE	PNT-11	V-140 (DEBUTANIZER FEED DRUM)	PV-1402	1.00	9.3	N/A	N/A	6.323	-28.8	65.5	921	1379	2947	PROCESS	NORMAL FLUID SERVICE	A-106-GR B	10	NO	XH	1.59	NO				
1	100-03	P	103	A	89	NONE	PNT-11	V-140 (DEBUTANIZER FEED DRUM)	P-141/P-142 (DEBUTANIZER FEED PUMPS)	0.00	N/A	713.9	N/A	6.323	-28.8	65.5	921	1874	2947	PROCESS	NORMAL FLUID SERVICE	A-106-GR B	10	NO	Std	1.59	NO				
1	100-03	P	104	A	60	NONE	PNT-11	V-140 (DEBUTANIZER FEED DRUM)	P-105-A-89	0.00	N/A	713.9	N/A	6.323	-28.8	65.5	921	1874	2947	PROCESS	NORMAL FLUID SERVICE	A-106-GR B	10	NO	Std	1.59	NO				
2	100-03	P	105	A	89	NONE	PNT-11	P-141/P-142 (DEBUTANIZER FEED PUMPS)	LV-1401	0.00	N/A	713.9	N/A	6.323	-28.8	65.5	921	1874	2947	PROCESS	NORMAL FLUID SERVICE	A-106-GR B	10	NO	Std	1.59	NO				
2	100-03/04	P	106	B	89	NONE	PNT-11	LV-1401	E-500C (FEED/BOTTOM EXCHANGERS)	1.00	N/A	713.9	N/A	6.472	-28.8	232	1265	1875	2940	PROCESS	NORMAL FLUID SERVICE	A-106-GR B	10	NO	Std	1.59	NO				
1	100-03	P	107	A	33	NONE	PNT-11	PV-1402	N7 (SOLUTION GAS COMPRESSOR)	1.00	9.3	N/A	N/A	6.323	-28.8	65.5	921	1379	2947	PROCESS	NORMAL FLUID SERVICE	A-106-GR B	10	NO	XH	1.59	NO				
2	100-03	P	108	A	27	NONE	PNT-11	P-142 (DEBUTANIZER FEED PUMP)	P-110-A-114	0.00	N/A	713.9	N/A	6.323	-28.8	65.5	921	1874	2947	PROCESS	NORMAL FLUID SERVICE	A-106-GR B	10	NO	XH	1.59	NO				
2	100-03	P	109	A	27	NONE	PNT-11	P-141 (DEBUTANIZER FEED PUMP)	P-110-A-33	0.00	N/A	713.9	N/A	6.323	-28.8	65.5	921	1874	2947	PROCESS	NORMAL FLUID SERVICE	A-106-GR B	10	NO	XH	1.59	NO				
1	100-03	P	110	A	33	NONE	PNT-11	P-108-A-27/P-109-A-27	P-100-A-114	0.00	N/A	713.9	N/A	6.323	-28.8	65.5	921	1874	2947	PROCESS	NORMAL FLUID SERVICE	A-106-GR B	10	NO	XH	1.59	NO				
1	100-03	P	111	A	89	NONE	PNT-11	V-140 (DEBUTANIZER FEED DRUM)	N3	1.00	9.3	N/A	N/A	6.323	-28.8	65.5	921	1379	2947	PROCESS	NORMAL FLUID SERVICE	A-106-GR B	10	NO	Std	1.59	NO				
1	100-03	P	112	A	89	NONE	PNT-11	V-140 (DEBUTANIZER FEED DRUM)	N4 (TRUCK OUT)	0.00	N/A	1000.0	N/A	6.323	-28.8	65.5	921	1379	2947	PROCESS	NORMAL FLUID SERVICE	A-106-GR B	10	NO	Std	1.59	NO				
1	100-04	P	113	B	60	NONE	PNT-11	P-106-B-89	TV-5004	0.00	N/A	713.9	N/A	6.472	-28.8	232	1265	1379	7653	PROCESS	NORMAL FLUID SERVICE	A-106-GR B	10	NO	Std	1.59	NO	5.167	6.47		
1	100-04	P	114	B	89	NONE	PNT-11	P-106-B-89	V-500 (DEBUTANIZER)	0.00	N/A	713.9	N/A	6.472	-28.8	232	1265	1379	7653	PROCESS	NORMAL FLUID SERVICE	A-106-GR B	10	NO	Std	1.59	NO	5.167	6.47		
2	100-04	P	115	B	114	50H	PNT-12	E-500A (FEED/BOTTOMS EXCHANGER)	P-114-B-89	0.12	19.0	625.5	N/A	107.22	-28.8	232	1245	1379	7653	PROCESS	NORMAL FLUID SERVICE	A-106-GR B	10	NO	Std	1.59	NO	5.167	130.00		
1	100-04	P	116	B	114	50H	PNT-12	V-500 (DEBUTANIZER)	E-500A (FEED/BOTTOMS EXCHANGER)	0.00	N/A	561.3	N/A	190	-28.8	232	1101	1379	7653	PROCESS	NORMAL FLUID SERVICE	A-106-GR B	10	NO	Std	1.59	NO	120.5	190.00		
1	100-04	P	117	B	114	38 PP	PNT-12	E-500C (FEED/BOTTOMS EXCHANGER)	AC-501 (RUNDOWN COOLER)	0.00	N/A	683.7	N/A	79.82	-28.8	232	1067	1379	7653	PROCESS	NORMAL FLUID SERVICE	A-106-GR B	10	NO	Std	1.59	NO	40.13	189.00		
2	100-04	P	118	A	114	NONE	PNT-11	AC-501 (RUNDOWN COOLER)	LV-5001	0.00	N/A	720.3	N/A	40	-28.8	204	1053	1379	2947	PROCESS	NORMAL FLUID SERVICE	A-106-GR B	10	NO	Std	1.59	NO	40.13	125.00		
1	100-04	P	119	A	89	NONE	PNT-11	LV-5001	N16 (CONDENSATE PRODUCT HANDLING)	0.00	N/A	720.3	N/A	40	-28.8	204	1053	1379	2947	PROCESS	NORMAL FLUID SERVICE	A-106-GR B	10	NO	Std	1.59	NO	40.13	125.00		
1	100-04	P	120	B	114	38H	PNT-11	V-500 (DEBUTANIZER)	P-122-B-89-38HP-128-B-114-38H	1.00	23.0	N/A	N/A	61.84	-28.8	232	1067	1379	7653	PROCESS	NORMAL FLUID SERVICE	A-106-GR B	10	NO	Std	1.59	NO	21.91	85.90		
1	100-04	P	121	B	60	NONE	PNT-11	TV-5004	P-114-B-89	0.00	N/A	713.9	N/A	6.472	-28.8	232	1265	1379	7653	PROCESS	NORMAL FLUID SERVICE	A-106-GR B	10	NO	Std	1.59	NO	5.167	6.47		
1	100-04	P	122	B	89	38H	PNT-11	P-120-B-114-38H	BDV-5002	1.00	23.0	N/A	N/A	61.84	-28.8	93.3	1067	1379	7653	PROCESS	NORMAL FLUID SERVICE	A-106-GR B	10	NO	Std	1.59	NO	21.97	85.90		
1	100-04/06	P	123	B	60	NONE	PNT-11	FV-5731	V-500 (DEBUTANIZER)	0.00	N/A	9.6	N/A	46.63	-28.8	232	1067	1379	7653	PROCESS	NORMAL FLUID SERVICE	A-106-GR B	10	NO	Std	1.59	NO	8.105	49.90		
1	100-06	P	124	B	89	NONE	PNT-11	V-573 (DEBUTANIZER REFLUX DRUM)	PV-5732	1.00	20.7	N/A	N/A	46.63	-28.8	93.3	1067	1379	7653	PROCESS	NORMAL FLUID SERVICE	A-106-GR B	10	NO	Std	1.59	NO	8.105	49.09		
2	100-06	P	125	B	114	NONE	PNT-11	AC-572 (DEBUTANIZER OVERHEAD CONDENSER)	V-573 (DEBUTANIZER REFLUX DRUM)	0.00	N/A	23.0	N/A	AMB	-28.8	176	1067	1379	7653	PROCESS	NORMAL FLUID SERVICE	A-106-GR B	10	NO	Std	1.59	NO				
1	100-06	P	126	B	60	NONE	PNT-11	V-573 (DEBUTANIZER REFLUX DRUM)	FV-5731	1.00	N/A	9.6	N/A	46.63	-28.8	93.3	1067	1783	7653	PROCESS	NORMAL FLUID SERVICE	A-106-GR B	10	NO	Std	1.59	NO	21.91	49.09		
2	100-06	P	127	B	60	NONE	PNT-11	P-574/P-575 (DEBUTANIZER REFLUX PUMPS)	P-126-B-60	0.00	N/A	9.6	N/A	46.63	-28.8	93.3	1067	1783	7653	PROCESS	NORMAL FLUID SERVICE	A-106-GR B	10	NO	Std	1.59	NO	21.91	49.09		
2	100-04/06	P	128	B	114	38H	PNT-11	P-120-B-114-38H	P-124-B-89	1.00	23.0	N/A	N/A	61.84	-28.8	232	1067	1379	7653	PROCESS	NORMAL FLUID SERVICE	A-106-GR B	10	NO	Std	1.59	NO	59.43	61.84		
1	100-06	P	129	B	89	NONE	PNT-11	PV-5732	N28 (INLET SEPARATOR)	1.00	20.7	N/A	N/A	46.63	-28.8	93.3	1067	1379	7653	PROCESS	NORMAL FLUID SERVICE	A-106-GR B	10	NO	Std	1.59	NO	8.105	49.09		
1	100-06	P	130	B	89	NONE	PNT-11	V-573 (DEBUTANIZER REFLUX DRUM)	P-574/P-575 (DEBUTANIZER REFLUX PUMPS)	0.00	N/A	9.6	N/A	46.63	-28.8	93.3	1067	1783	7653	PROCESS	NORMAL FLUID SERVICE	A-106-GR B	10	NO	Std	1.59	NO	21.91	49.09		
1	100-06	P	131	B	89	NONE	PNT-11	V-573 (DEBUTANIZER REFLUX DRUM)	N29	1.00	20.7	N/A	N/A	46.63	-28.8	93.3	1067	1379	7653	PROCESS	NORMAL FLUID SERVICE	A-106-GR B	10	NO	Std	1.59	NO	8.105	49.09		
1	100-06	P	132	B	89	NONE	PNT-11	V-573 (DEBUTANIZER REFLUX DRUM)	N25 (ENVIROBOX)	0.00	N/A	9.6	N/A	46.63	-28.8	93.3	1067	1379	7653	PROCESS	NORMAL FLUID SERVICE	A-106-GR B	10	NO	Std	1.59	NO	21.91	49.09		
1	100-03	P	133	A	33	NONE	PNT-11	P-110-A-33	P-100-A-114	1.00	20.7	N/A	N/A	6.323	-28.8	65.5	1067	1379	2947	PROCESS	NORMAL FLUID SERVICE	A-106-GR B	10	NO	XH	1.59	NO	8.105	49.09		
1	100-04	P	134	B	89	25H	PNT-11	E-500C (FEED/BOTTOMS EXCHANGER)	E-500B (FEED/BOTTOMS EXCHANGER)	0.12	19.0	625.5	N/A	51	-28.8	232	1245	1379	7653	PROCESS	NORMAL FLUID SERVICE	A-106-GR B	10	NO	Std	1.59	NO	5.167	130.00		
1	100-05	FG	300	A	33	NONE	PNT-11	N22 (FUEL GAS)	V-634 (FUEL GAS SCRUBBER)	1.00	N/A	N/A	N/A	49	-28.8	93.3	690	1000	2947	FUEL GAS	NORMAL FLUID SERVICE	A-106-GR B	10	NO	XH	1.59	NO	16	49.00		
1	100-05	FG	301	A	33	NONE	PNT-11	V-634 (FUEL GAS SCRUBBER)	FG-301-A-33	1.00	N/A	N/A	N/A	49	-28.8	93.3	690	1000	2947	FUEL GAS	NORMAL FLUID SERVICE	A-106-GR B	10	NO	XH	1.59	NO	16	49.00		
1	100-05	FG	302	A	33	NONE	PNT-11	N20	TCV-6333	1.00	N/A	N/A	N/A	49	-28.8	93.3	690	1000	2947	FUEL GAS	NORMAL FLUID SERVICE	A-106-GR B	10	NO	XH	1.59	NO	16	49.00		
1	100-05	FG	303	A	33	NONE	PNT-11	TCV-6333	FIRE TUBE (H-633)	1.00	N/A	N/A	N/A	49	-28.8	93.3	690	1000	2947	FUEL GAS	NORMAL FLUID SERVICE	A-106-GR B	10	NO	XH	1.59	NO	16	49.00		
1	100-05	FG	304	A	21	NONE																									




 July 15/2015

**LINE DESIGNATION TABLE**

REV:	0	1	2
DATE:	2-Aug	9-Dec	5-May
BY:	DNW	DNW	JLT

SO #: W143431



VERMILION ENERGY  
WSM GAS OFFLOAD PROJECT  
DEBUTANIZER UNIT

MECH NOTES  
(1) MIN OPERATING TEMP IS AMBIENT UNLESS SPECIFIED BY PROCESS  
(2) MAX OPERATING TEMP IS NORMAL OPER TEMP UNLESS SPECIFIED BY PROCESS

NOTES:  
1. It is the owner's ultimate responsibility to classify the fluid service category. It is assumed that the owner will ensure operating circumstances and safeguards are in place to prevent a Category M fluid service classification. A category M fluid service will not be specified unless requested by the owner.  
2. CODE OF CONSTRUCTION: ASME B31.3  
3.  
4.

REV	MFS#	COM	New LINE NO	LINE CLASS	SIZE (mm OD)	INSUL (mm)	PAINT SPEC	FROM	TO	LINE SCHEDULE										COMMODITY	ASME B31.3 FLUID SERVICE CATEGORY	MATERIAL	% RAD.	S.R.	SCH (SW/NPT)	C.A. (mm)	SEVERE CYCLIC YES/NO	TEMP (°C)		PIPE STRESS ANALYSIS	AREA / SPOOL				
										PHASE		DENSITY (kg/m3)		TEMP (°C)		PRESSURE (kPag)		OPER	MIN DES.									MAX DES.	OPER			DES	TEST	MIN (1) OPER	MAX (2) OPER
										VAP FRAC	VAP DENS	HC LIQ DENS	AQ LIQ DENS	OPER	DES	OPER	DES																		
1	100-06	FL	406	AL	168	NONE	PNT-11	PSV-5733	FL-403-AL-219	1.00	N/A	N/A	N/A	AMB	-28.8	204	ATM	1330	2947	FLARE	NORMAL FLUID SERVICE	A-333-GR.6	10	NO	Std	1.59	NO								
1	100-04	FL	407	AL	89	NONE	PNT-11	BDV-5002	FL-409-AL-219	1.00	N/A	N/A	N/A	AMB	-28.8	204	ATM	1330	2947	FLARE	NORMAL FLUID SERVICE	A-333-GR.6	10	NO	Std	1.59	NO								
1	100-04	FL	408	AL	219	NONE	PNT-11	PSV-5002	FL-409-AL-219	1.00	N/A	N/A	N/A	AMB	-28.8	204	ATM	1330	2947	FLARE	NORMAL FLUID SERVICE	A-333-GR.6	10	NO	Std	1.59	NO								
2	100-04	FL	409	AL	219	50H	PNT-11	VARIOUS PSV	FL-413-AL-219	1.00	N/A	N/A	N/A	AMB	-28.8	204	ATM	1330	2947	FLARE	NORMAL FLUID SERVICE	A-333-GR.6	10	NO	Std	1.59	NO								
1	100-04	FL	410	AL	114	NONE	PNT-11	PSV-5009	FL-409-AL-219	1.00	N/A	N/A	N/A	AMB	-28.8	204	ATM	1330	2947	FLARE	NORMAL FLUID SERVICE	A-333-GR.6	10	NO	Std	1.59	NO								
1	100-04	FL	411	AL	89	NONE	PNT-11	PSV-5008	FL-409-AL-219	1.00	N/A	N/A	N/A	AMB	-28.8	204	ATM	1330	2947	FLARE	NORMAL FLUID SERVICE	A-333-GR.6	10	NO	Std	1.59	NO								
1	100-06	FL	412	BL	60	NONE	PNT-11	V-573 (DEBUTANIZER REFLUX DRUM)	PSV-5733	1.00	N/A	N/A	N/A	AMB	-28.8	204	ATM	1330	7653	FLARE	NORMAL FLUID SERVICE	A-333-GR.6	10	NO	Std	1.59	NO								
1	100-05/04/03	FL	413	AL	219	NONE	PNT-11	FL-414-AL-219	N8 (FLARE)	1.00	N/A	N/A	N/A	AMB	-28.8	204	ATM	1330	2947	FLARE	NORMAL FLUID SERVICE	A-333-GR.6	10	NO	Std	1.59	NO								
1	100-05	FL	414	AL	219	NONE	PNT-11	FL-404-AL-219/FL-417-AL-33	FL-413-AL-219	1.00	N/A	N/A	N/A	AMB	-28.8	204	ATM	1330	2947	FLARE	NORMAL FLUID SERVICE	A-333-GR.6	10	NO	Std	1.59	NO								
1	100-05/04	FL	415	AL	60	NONE	PNT-11	PSV-6341	FL-413-AL-219	1.00	N/A	N/A	N/A	AMB	-28.8	204	ATM	1330	2947	FLARE	NORMAL FLUID SERVICE	A-333-GR.6	10	NO	Std	1.59	NO								
1	100-05	FL	416	AL	33	NONE	PNT-11	BDV-6335	FL-404-AL-219	1.00	N/A	N/A	N/A	AMB	-28.8	204	ATM	1330	2947	FLARE	NORMAL FLUID SERVICE	A-333-GR.6	10	NO	XH	1.59	NO								
1	100-05	FL	417	AL	33	NONE	PNT-11	PRV-6336/FG-305-AL-33	FL-414-AL-219	1.00	N/A	N/A	N/A	AMB	-28.8	204	ATM	1330	2947	FLARE	NORMAL FLUID SERVICE	A-333-GR.6	10	NO	XH	1.59	NO								
1	100-04	HCL	500	B	168	50H	PNT-12	V-500 (DEBUTANIZER)	N13 (REBOILER)	0.00	N/A	571.3	N/A	158	-28.8	232	1101	1379	7653	HYDRO CARBON LIQUID	NORMAL FLUID SERVICE	A-106-GR.B	10	NO	Std	1.59	NO	120.5	161.50						
1	100-04	HCV	600	B	219	50H	PNT-12	N14 (REBOILER RETURN)	V-500 (DEBUTANIZER)	1.00	28.4	N/A	N/A	190	-28.8	232	1101	1379	7653	HYDRO CARBON VAPOUR	NORMAL FLUID SERVICE	A-106-GR.B	10	NO	Std	1.59	NO	163.5	190.00						
1	100-03	HCV	601	A	60	NONE	PNT-11	V-140 (DEBUTANIZER FEED DRUM)	PSV-1401	1.00	N/A	N/A	N/A	6.323	-28.8	65.5	921	1379	2947	PROCESS	NORMAL FLUID SERVICE	A-106-GR.B	10	NO	Std	1.59	NO								
2	100-04/05/03/06	HD	700	A	60	NONE	PNT-11	HYDROCARBON DRAIN HEADER	N6 (HC DRAIN)	0.00	N/A	N/A	N/A	AMB	-28.8	204	ATM	1330	2947	DRAIN HYDROCARBON	NORMAL FLUID SERVICE	A-106-GR.B	10	NO	Std	1.59	NO								
2	100-03	HD	701	A	33	NONE	PNT-11	V-634 (FUEL GAS SCRUBBER)	HD-700-A-60	0.00	N/A	N/A	N/A	AMB	-28.8	204	ATM	1330	2947	DRAIN HYDROCARBON	NORMAL FLUID SERVICE	A-106-GR.B	10	NO	XH	1.59	NO								
2	100-04	HD	702	A	60	NONE	PNT-11	P-116-B-114-50H	HD-700-A-60	0.00	N/A	N/A	N/A	AMB	-28.8	204	ATM	1330	2947	DRAIN HYDROCARBON	NORMAL FLUID SERVICE	A-106-GR.B	10	NO	Std	1.59	NO								
2	100-03	HD	705	A	33	NONE	PNT-11	P-103-A-89	HD-700-A-60	0.00	N/A	N/A	N/A	AMB	-28.8	204	ATM	1330	2947	DRAIN HYDROCARBON	NORMAL FLUID SERVICE	A-106-GR.B	10	NO	XH	1.59	NO								
2	100-03	HD	706	A	33	NONE	PNT-11	P-103-A-89	HD-700-A-60	0.00	N/A	N/A	N/A	AMB	-28.8	204	ATM	1330	2947	DRAIN HYDROCARBON	NORMAL FLUID SERVICE	A-106-GR.B	10	NO	XH	1.59	NO								
1	100-03	HD	707	A	27	NONE	PNT-11	P-142 (DEBUTANIZER FEED PUMP)	HD-705-A-33	0.00	N/A	N/A	N/A	AMB	-28.8	204	ATM	1330	2947	DRAIN HYDROCARBON	NORMAL FLUID SERVICE	A-106-GR.B	10	NO	XH	1.59	NO								
1	100-03	HD	708	A	27	NONE	PNT-11	P-141 (DEBUTANIZER FEED PUMP)	HD-706-A-33	0.00	N/A	N/A	N/A	AMB	-28.8	204	ATM	1330	2947	DRAIN HYDROCARBON	NORMAL FLUID SERVICE	A-106-GR.B	10	NO	XH	1.59	NO								
2	100-06	HD	709	A	33	NONE	PNT-11	P-574 (DEBUTANIZER REFLUX PUMP)	HD-700-A-60	0.00	N/A	N/A	N/A	AMB	-28.8	204	ATM	1330	2947	DRAIN HYDROCARBON	NORMAL FLUID SERVICE	A-106-GR.B	10	NO	XH	1.59	NO								
2	100-06	HD	710	A	33	NONE	PNT-11	P-575 (DEBUTANIZER REFLUX PUMP)	HD-700-A-60	0.00	N/A	N/A	N/A	AMB	-28.8	204	ATM	1330	2947	DRAIN HYDROCARBON	NORMAL FLUID SERVICE	A-106-GR.B	10	NO	XH	1.59	NO								
2	100-04	IA	800	A	60	NONE	PNT-11	N15 (INSTRUMENT AIR SUPPLY)	INSTRUMENT AIR HEADER	1.00	N/A	N/A	N/A	AMB	-28.8	38	ATM	1960	2947	INSTRUMENT AIR	CATEGORY D FLUID SERVICE	A-106-GR.B	10	NO	Std	1.59	NO								
1	100-03	PDW	900	A	33	NONE	PNT-11	V-140 (DEBUTANIZER FEED DRUM)	LV-1400	0.00	N/A	1000.0	N/A	6.323	-28.8	65.5	921	1379	2947	PROCESS	NORMAL FLUID SERVICE	A-106-GR.B	10	NO	XH	1.59	NO								
1	100-03	PDW	901	A	33	NONE	PNT-11	LV-1400	N5 (H2O DRAIN)	0.00	N/A	1000.0	N/A	6.323	-28.8	65.5	921	1379	2947	PROCESS	NORMAL FLUID SERVICE	A-106-GR.B	10	NO	XH	1.59	NO								
1	100-03	PDW	902	A	60	NONE	PNT-11	PDW-900-A-33	P-112-A-89	0.00	N/A	713.9	N/A	6.323	-28.8	65.5	921	1379	2947	PROCESS	NORMAL FLUID SERVICE	A-106-GR.B	10	NO	Std	1.59	NO								