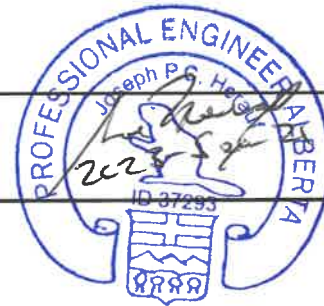




JOB No.: **101121**

Drawing	Drawing Rev	Line Number/Seq/ID	Flow Configuration	Fluid	Commodity Code	Phase	NPS	CNRL Pipe Class	Joint Type	Operating Pressure	Operating Temp.	Upset Pressure	Upset Temp.	Overpressure Protection	Design Code	Registration Jurisdiction	Design Max Temp	Design Pressure
							in			kPag	°C	kPag	°C				°C	kPag
101121-6100	1	6"-A-GP-4100	From Skid Edge (N1) to DIB Valve (6112)	Sweet Process Gas	GP	Gas	6	A	BW	0.00	70.00	551.58	70.00	Customer Supplied PSV	ASME B31.3 - 2022	ABSA	148.89	1585.79
101121-6100	1	6"-A-GP-4101	From DIB Valve (6112) to V-100 Inlet	Sweet Process Gas	GP	Gas	6	A	BW	0.00	70.00	551.58	70.00	PSV-1101	ASME B31.3 - 2022	ABSA	148.89	1585.79
101121-6100	1	6"-A-GP-4102	From V-100 Outlet to Cone Strainer (6101)	Sweet Process Gas	GP	Gas	6	A	BW	0.00	70.00	551.58	70.00	PSV-1101	ASME B31.3 - 2022	ABSA	148.89	1585.79
101121-6100	1	6"-A-GP-4103	From Cone Strainer (6101) to K-110 Inlet	Sweet Process Gas	GP	Gas	6	A	BW	0.00	70.00	551.58	70.00	PSV-1101	ASME B31.3 - 2022	ABSA	148.89	1585.79
101121-6100	1	6"-A-GP-4103	From Cone Strainer (6101) to K-110 Inlet	Sweet Process Gas	GP	Gas	4	A	BW	0.00	70.00	551.58	70.00	PSV-1101	ASME B31.3 - 2022	ABSA	148.89	1585.79
101121-6100	1	3"-A-GP-4104	From K-110 Outlet to Compressor Discharge Check Valve (6109)	Sweet Process Gas	GP	Gas	3	A	BW	158.58	163.89	551.58	176.67	PSV-1303	ASME B31.3 - 2022	ABSA	176.67	1482.37
101121-6100	1	3"-A-GP-4105	From Compressor Discharge Check Valve (6109) to E-120 Gas Inlet	Sweet Process Gas	GP	Gas	3	A	BW	158.58	163.89	551.58	176.67	PSV-1303	ASME B31.3 - 2022	ABSA	176.67	1482.37
101121-6100	1	3"-A-GP-4105	From Compressor Discharge Check Valve (6109) to E-120 Gas Inlet	Sweet Process Gas	GP	Gas	2	A	BW	158.58	163.89	551.58	176.67	PSV-1303	ASME B31.3 - 2022	ABSA	176.67	1482.37
101121-6100	1	3"-A-GP-4106	From E-120 Gas Outlet to PV-1011 Inlet	Sweet Process Gas	GP	Gas	3	A	BW	144.79	48.89	551.58	65.56	PSV-1303	ASME B31.3 - 2022	ABSA	148.89	1585.79
101121-6100	1	3"-A-GP-4106	From E-120 Gas Outlet to PV-1011 Inlet	Sweet Process Gas	GP	Gas	2	A	BW	144.79	48.89	551.58	65.56	PSV-1303	ASME B31.3 - 2022	ABSA	148.89	1585.79
101121-6100	1	3"-A-GP-4108	From PV-1011 to DIB Valve (6113)	Sweet Process Gas	GP	Gas	3	A	BW	137.90	48.89	551.58	65.56	PSV-1303	ASME B31.3 - 2022	ABSA	148.89	1585.79
101121-6100	1	3"-A-GP-4109	From DIB Valve (6113) to Skid Edge (N2)	Sweet Process Gas	GP	Gas	3	A	BW	137.90	48.89	551.58	65.56	Customer Supplied PSV	ASME B31.3 - 2022	ABSA	148.89	1585.79
101121-6100	1	1-1/2"-A-GP-4110	From 4101 Line to PSV-1101 Inlet	Sweet Process Gas	GP	Gas	1 1/2	A	NPT	0.00	70.00	551.58	70.00	PSV-1101	ASME B31.3 - 2022	ABSA	148.89	551.58
101121-6100	1	1-1/2"-A-GP-4110	From 4101 Line to PSV-1101 Inlet	Sweet Process Gas	GP	Gas	1	A	NPT	0.00	70.00	551.58	70.00	PSV-1101	ASME B31.3 - 2022	ABSA	148.89	551.58
101121-6100	1	1-1/2"-A-DH-4111	PSV-1101 Outlet to 4117 Line	Sweet Process Gas	DH	Gas	1 1/2	A	NPT	92.39	37.78	92.39	70.00	Not Required	ASME B31.3 - 2022	ABSA	148.89	92.39
101121-6100	1	2"-A-GP-4112	From 4104 Line to PSV-1303 Inlet	Sweet Process Gas	GP	Gas	2	A	NPT	158.58	163.89	551.58	176.67	PSV-1303	ASME B31.3 - 2022	ABSA	176.67	551.58
101121-6100	1	2"-A-GP-4112	From 4104 Line to PSV-1303 Inlet	Sweet Process Gas	GP	Gas	1	A	NPT	158.58	163.89	551.58	176.67	PSV-1303	ASME B31.3 - 2022	ABSA	176.67	551.58
101121-6100	1	3"-A-DH-4117	Vent Header	Sweet Process Gas	DH	Gas	3	A	BW	92.39	37.78	92.39	70.00	Not Required	ASME B31.3 - 2022	ABSA	148.89	1585.79
101121-6100	1	3"-A-DH-4117	Vent Header	Sweet Process Gas	DH	Gas	1	A	NPT	92.39	37.78	92.39	70.00	Not Required	ASME B31.3 - 2022	ABSA	148.89	1034.21
101121-6100	1	3"-A-GP-4118	From 4106 Line to Auto & Manual Bypass Valve Inlet (6104)	Sweet Process Gas	GP	Gas	3	A	BW	137.90	48.89	551.58	148.89	PSV-1303	ASME B31.3 - 2022	ABSA	148.89	1585.79
101121-6100	1	3"-A-GP-4118	From 4106 Line to Auto & Manual Bypass Valve Inlet (6104)	Sweet Process Gas	GP	Gas	2	A	BW	137.90	48.89	551.58	148.89	PSV-1303	ASME B31.3 - 2022	ABSA	148.89	1585.79
101121-6100	1	3"-A-GP-4118	From 4106 Line to Manual Blowdown Valve Inlet (6103)	Sweet Process Gas	GP	Gas	1	A	SW	137.90	48.89	551.58	148.89	PSV-1303	ASME B31.3 - 2022	ABSA	148.89	1585.79
101121-6100	1	3"-A-GP-4119	From Auto & Manual Bypass Valve Outlet (6104) to 4101 Line	Sweet Process Gas	GP	Gas	3	A	BW	0.00	70.00	551.58	65.56	PSV-1101	ASME B31.3 - 2022	ABSA	148.89	1585.79
101121-6100	1	3"-A-GP-4119	From Auto & Manual Bypass Valve Outlet (6104) to 4101 Line	Sweet Process Gas	GP	Gas	2	A	BW	0.00	70.00	551.58	65.56	PSV-1101	ASME B31.3 - 2022	ABSA	148.89	1585.79
101121-6100	1	1"-A-LH-4120	From V-100 Drain to Check Valve (6106)	Hydrocarbon Condensate	LH	Liquid	1	A	SW	0.00	70.00	551.58	70.00	PSV-1101	ASME B31.3 - 2022	ABSA	148.89	551.58
101121-6100	1	1"-A-LH-4120	From V-100 Drain to Check Valve (6106)	Hydrocarbon Condensate	LH	Liquid	1/2	A	NPT	0.00	70.00	551.58	70.00	PSV-1101	ASME B31.3 - 2022	ABSA	148.89	551.58
101121-6100	1	1"-A-LH-4121	From Check Valve (6106) to Skid Edge (N4)	Hydrocarbon Condensate	LH	Liquid	1	A	SW	0.00	70.00	551.58	70.00	Customer Supplied PSV	ASME B31.3 - 2022	ABSA	148.89	551.58
101121-6100	1	1"-A-DH-4116	From Manual Blowdown Valve (6103) to 4117 Line	Sweet Process Gas	DH	Gas	1	A	SW	137.90	48.89	551.58	148.89	Not Required	Non-Code	Not Required	148.89	1585.79
101121-6100	1		PIT-1022 Sensing Line / PG-1022 Branch Line	Sweet Process Gas	GP	Gas	1/2	A	SW	0.00	70.00	551.58	70.00	PSV-1101	ASME B31.3 - 2022	ABSA	148.89	551.58
101121-6100	1		PIT-1022 Sensing Line / PG-1022 Branch Line	Sweet Process Gas	GP	Gas	1/2	A	Tubing	0.00	70.00	551.58	70.00	PSV-1101	ASME B31.3 - 2022	ABSA	148.89	551.58
101121-6100	1		PIT-0900, PIT-1105 Sensing Line / PG-1023 Branch Line	Sweet Process Gas	GP	Gas	1/2	A	SW	158.58	163.89	551.58	176.67	PSV-1303	ASME B31.3 - 2022	ABSA	176.67	551.58
101121-6100	1		PIT-0900, PIT-1105 Sensing Line / PG-1023 Branch Line	Sweet Process Gas	GP	Gas	1/2	A	Tubing	158.58	163.89	551.58	176.67	PSV-1303	ASME B31.3 - 2022	ABSA	176.67	551.58
101121-6100	1		PIT-1011 Sensing Line	Sweet Process Gas	GP	Gas	1/2	A	SW	144.79	48.89	551.58	65.56	PSV-1303	ASME B31.3 - 2022	ABSA	148.89	551.58
101121-6100	1		PIT-1011 Sensing Line	Sweet Process Gas	GP	Gas	1/2	A	Tubing	144.79	48.89	551.58	65.56	PSV-1303	ASME B31.3 - 2022	ABSA	148.89	551.58
101121-7500	1	1"-AJL-UL-4124	From Skid Edge Lube Oil Fill to T-140	Lube Oil	UL	Liquid	1	AJL	SW	92.39	37.78	92.39	37.78	Not Required	Non-Code	Not Required	65.56	92.39
101121-7500	1	1"-AJL-UL-4125	From T-140 to P-110	Lube Oil	UL	Liquid	1	AJL	SW	92.39	37.78	92.39	37.78	Not Required	Non-Code	Not Required	65.56	92.39
101121-7500	1	1"-AJL-UL-4125	From T-140 to P-110	Lube Oil	UL	Liquid	1	AJL	NPT	92.39	37.78	92.39	37.78	Not Required	Non-Code	Not Required	65.56	92.39
101121-7500	1	1"-AJL-UL-4125	From P-110 to LUB-110	Lube Oil	UL	Liquid	1/4	AJL	Tubing	92.39	37.78	92.39	37.78	Not Required	Non-Code	Not Required	65.56	92.39
101121-7500	1	1"-A-DU-4126	T-140 to Inside Package (24" Above Floor)	Lube Oil Off-Gas Vent	DU	Gas	1/2	AJL	Tubing	92.39	37.78	92.39	37.78	Not Required	Non-Code	Not Required	65.56	92.39
101121-7500	1		LSLL/LG-1400 Tubing Lines	Lube Oil	UL	Gas	1/2	AJL	Tubing	92.39	37.78	92.39	37.78	Not Required	Non-Code	Not Required	65.56	92.39
101121-7600	1	1-1/2"-A-HG-4127	E-120 Outlet to TCV-1201 ("C" Connection)	Glycol	HG	Liquid	1 1/2	A	SW	48.26	47.78	48.26	176.67	Not Required	Non-Code	Not Required	176.67	92.39
101121-7600	1	1-1/2"-A-HG-4128	TCV-1201 ("C" Connection) to P-160 Inlet	Glycol	HG	Liquid	1 1/2	A	SW	48.26	37.78	48.26	176.67	Not Required	Non-Code	Not Required	176.67	92.39
101121-7600	1	1-1/2"-A-HG-4128	TCV-1201 ("C" Connection) to P-160 Inlet	Glycol	HG	Liquid	3/4	A	NPT	4								

PERMIT TO PRACTICE
NEXT COMPRESSION CORP.

RM SIGNATURE: *[Signature]*

RM APEGA ID #: 37293

DATE: 2023-05-21

PERMIT NUMBER: P14344

The Association of Professional Engineers and
Geoscientists of Alberta (APEGA)