

GAS COMPRESSOR

UNIT: CB06

PERFORMANCE

Base Horsepower	100 HP
Packager	Enerflex 9446

DRIVER

Style	Electric Motor Drive
Make	Teco Westinghouse
Type	AEHHXU
Serial Number	Y01BB851001
Cylinders	N/A
Frame	405T
Output (RPM)	1800 RPM
Phases	Three Phase
Voltage	460 V
Frequency	60 Hz



NOISE ATTENUATION

Muffler Style	None
Sound Power Levels Engine exhaust	None
Enclosure	None



COMPRESSOR

Make	Ariel
Model	JGA/2
Serial Number	F-9752
Throws	2
Stages	2
Rated RPM	1,800
Distance Pieces	STD

END DEVICES

	Quantity	Make	Model
LEL Detection	1	Net Safety	Millennium
H2S Detection	0	N/A	N/A
Fire Detection	1	Net Safety	Millennium
Beacons	0	N/A	N/A

CONTROL PANEL

Make	Allen Bradley
Model	Prologix 32 Bit
Serial Number	JayJaxx 1 30507
HMI / PLC	Yes

COOLER

Make	Air-X-Changers
Model	72 AVI
Job Number	944405
Serial Number	085907
Fan Size	72" (1.83 m)
Fan Model	ARK
Louvres	Automatic
Fan Drive (electric/jackshaft)	Electric Motor

Section	Make	CRN	Serial Number	MAWP	Temp	RT HT
Jacket Water	Air-X-Changers	N/A	944405.1.2	14 psi (96 kPa)	300°F	None
Inter-Cooler 1	Air-X-Changers	K6655.2	944405.3	1315 psi (9066 kPa)	300°F	None
Inter-Cooler 2	N /A	N/A	N/A	N/A	N/A	N/A
Inter-Cooler 3	N/A	N/A	N/A	N/A	N/A	N/A
After Cooler	Air-X-Changers	H6642.2	944405.4	1315 psi (9066 kPa)	300°F	None

SCRUBBERS

	Manuf.	CRN	Serial Number	MAWP	Temp	RT HT
Stage 1 Suction	EFX	M0871.2	94-198	707 psi (4874 kPa)	150°F	RT1 HT
Stage 2 Suction	EFX	M0871.2	94-198	707 psi (4874 kPa)	150°F	RT1 HT
Stage 3 Suction	N/A	N/A	N/A	N/A	N/A	N/A
Stage 4 Suction	N/A	N/A	N/A	N/A	N/A	N/A

CYLINDERS

	Size	Bore	MAWP	Class	Serial Number
Stage 1	7 1/2"	7.500" (190.5mm)	600 psi (4.13 MPa)	JG	C-56329
Stage 2	4 1/8"	4.125" (104.78mm)	750 psi (5.17 MPa)	JG	C-46191
Stage 3	N/A	N/A	N/A	N/A	N/A
Stage 4	N/A	N/A	N/A	N/A	N/A

PULSATION

	Manuf.	CRN	Serial Number	MAWP	Temp	RT HT
Stage 1 Suction	Expanded	Piping				
Stage 1 Disch.	Expanded	Piping				
Stage 2 Suction	N/A	N/A	N/A	N/A	N/A	N/A
Stage 2 Disch.	N/A	N/A	N/A	N/A	N/A	N/A
Stage 3 Suction	N/A	N/A	N/A	N/A	N/A	N/A
Stage 3 Disch.	N/A	N/A	N/A	N/A	N/A	N/A

PSV's

	Manufacturer	Model	Serial Number	Set Pressure	Size
Stage 1 Suction	Mercer			655 psi (4,516 kPa)	0.5" (21.3 mm) x 1" (33.4 mm)
Stage 1 Disch.	Mercer	91-34F51T14U1	C-004118	600 psi (4,136 kPa)	1.5" (48.3 mm) x 2" (60.3 mm)
Stage 2 Disch.	Mercer			635 psi (4,378 kPa)	1" (33.4 mm) x 1" (33.4 mm)
Fuel Gas	Mercer	91-17D51V07E1	A74713	150 psi (4,516 kPa)	1" (33.4 mm) x 1" (33.4 mm)

VALVES

	Make	Model	Serial Number	Size	Trim
Suction Control	N/A	N/A	N/A	N/A	N/A
Disch Control.	N/A	N/A	N/A	N/A	N/A
Bypass Control	N/A	N/A	N/A	N/A	N/A
Recycle	Fisher	D4	19002352	2" CL600	1 1/4"
Blowdown	Fisher	D4	18944088	1" Threaded	3/4"
Stage 3 Disch.	N/A	N/A	N/A	N/A	N/A

CONNECTIONS

Suction Inlet Flange	4" (114.3 mm) CL600
Discharge Flange	4" (114.3 mm) CL600
Fuel Gas	N/A
Start Gas	N/A
Instrument Air	N/A
Flare	2" (60.3 mm) CL150

PILE LAYOUT

Approximate Number of Piles	15
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SHIPPING DIMENSIONS

Width	12' – 7" (3.835 m)
Length	29' – 1.5" (8.138 m)
Height	11' – 6" (3.546 m) @ peak
Weight Estimate (dry)	TBD

CERTIFICATION

Vessel	ASME Sec. VIII Div.1
Piping	ASME B31.3
Province(s) of Registration	AB, BC, SK
Area Classification	Class 1 Zone 2
Service	Sweet