

GAS COMPRESSOR

UNIT: CB05

PERFORMANCE

Base Horsepower	70 HP
Year Built	2012

DRIVER

Style	Natural Gas
Make	Arrow
Model	VRG 330
Serial Number	07262 0H0
Cylinders	3.875 x 4.665
Frame	N/A
Output (RPM)	1800 RPM
Phases	N/A
Voltage	N/A
Frequency	N/A



COMPRESSOR

Make	Ariel
Model	JGA/2
Serial Number	F-39505
Throws	2
Stages	1
Rated RPM	1800 RPM
Distance Pieces	L2C

****Purge Installed****



CYLINDERS

	Size	Bore	MAWP	Class	Serial Number
Stage 1	2 3/4"	2.7500"	2550 psi (15.5 MPa)	JG	L-137939
Stage 2	Blanked Off	Standard	Single Distance	Pc. Throw 2	N/A
Stage 3	N/A	N/A	N/A	N/A	N/A
Stage 4	N/A	N/A	N/A	N/A	N/A

SCRUBBERS

	Manuf.	CRN	Serial Number	MAWP	Temp	RT	HT
Stage 1 Suction	Startec	V9386.2	SPV1211	1160 psi (7997 kPa)	305°F		RT2
Stage 2 Suction	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 4 Suction	N/A	N/A	N/A	N/A	N/A		N/A

PSV's

	Manufacturer	Model	Serial Number	Set Pressure	Size
Stage 1 Suction	Farris	26AD15-120		800 psi (5520 kPa)	
Stage 1 Disch.	Farris	26AD15-130		1798 psi (12400 kPa)	
Stage 2 Disch.	N/A	N/A	N/A	N/A	N/A
Stage 3 Disch.	N/A	N/A	N/A	N/A	N/A

VALVES

	Make	Model	Serial Number	Size	Trim
Suction Control	Flow Serve	MK-1	3003908.001	1" CL1500	1"
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	Flow Serve	MK-1	3003908.002	1" CL1500	0.81"
Blowdown	Flow Serve	MK-1	3004902.001	1" CL1500	0.81"
Stage 3 Disch.	N/A	N/A	N/A	N/A	N/A

PULSATION

	Manuf.	CRN	Serial Number	MAWP	Temp	RT	HT
Stage 1 Suction	Expanded	Pipe					
Stage 1 Disch.	Expanded	Pipe					
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

END DEVICES

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

CONTROL PANEL

Make	Guardian
Model	GC700
Serial Number	I2-361
HMI / PLC	HMI PLC

NOISE ATTENUATION

Muffler Style	Silex s/n 127102-2
Sound Power Levels Engine exhaust	JDDS-3-ST-C-B-S
Enclosure	None

CONNECTIONS

Suction Inlet Flange	2" CL1500 RF (Rated for CL600)
Discharge Flange	2" CL1500 RF
Fuel Gas	2" CL300 RF
Start Gas	2" CL300 RF
Instrument Air	N/A
Flare	3" CL300 RF

SHIPPING DIMENSIONS

Width	15' – 3" (4.649 m)
Length	23' – 5" (7.157 m)
Height	13' – 11" (4.261 m)
Weight Estimate (dry)	34,306 lbs (15,561 kg)

PILE LAYOUT

Approximate Number of piles	TBD
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CERTIFICATION

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

COOLER

Make	Harsco Industrial Air X
Model	36 FH
Job Number	12440701
Fan Size	36"
Fan Model	None
Louvres	Manual
Fan Drive (electric/jackshaft)	Jackshaft

Section	Make	CRN	Serial Number	MAWP	Temp	RT HT
Jacket Water	Harsco	V9376.21	12440701.1	150 psi (1034 kPa)	351°F	RT1 HT
Inter-Cooler 1	N/A	N/A	N/A	N/A	N/A	N/A
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	Harsco	V9409.21	12440701.2	2011 psi (13865 kPa)	351°F	RT1 HT