

WAUKESHA COMPRESSOR BUILDING

CHS 3-Stage Suction & Scrubbers			
<i>Suction Bottles</i>			
Manufacturer	Collicutt Hanover Services Ltd.	Collicutt Hanover Services Ltd.	Collicutt Hanover Services Ltd.
Year	2000	2000	2000
Serial Number	2001-053	2003-039	2005-020
MAWP	270 psi @ 150F	705 psi @ 150F	845 psi @ 300F
MDMT	-20F @ 270 psi	-20F @ 705 psi	-20F @ 845 psi
Type	<i>1st Stage</i>	<i>2nd Stage</i>	<i>3rd Stage</i>
Shell Material	SA51670N	SA106B	SA106B
Head Material	SA51670N	SA51670N	SA51670N
Shell Thickness (inches)	0.375	0.375	0.322
Head Thickness (inches)	0.54	0.3125	0.3125
Job Number	VV166	VV166	VV166
C/A	1/16	1/16	1/16
CRN	P1362.2	P1360.2	P1358.2
Test Pressure	351 psi	917 psi	1099 psi
Model Number	A0452675	A0452677	A0452681

Fuel Gas Filter	
Manufacturer	Collicutt Hanover Services Ltd.
Year	2000
Serial Number	6F70STD-012
MAWP	275 psi @ 100F
MDMT	-20F @ 275 psi
Shell Material	SA106-B
Head Material	SA516-70N
Shell Thickness (inches)	0.28
Head Thickness (inches)	1
Job Number	FE090
C/A	NONI
CRN	OH39342213
Test Pressure	425 psi

Suction Scrubbers			
Manufacturer	Collicutt Hanover Services Ltd.	Collicutt Hanover Services Ltd.	Collicutt Hanover Services Ltd.
Year	2000	2000	2000
Serial Number	1901-061	1902-044	1903-020
MAWP	270 psi @ 150F	705 psi @ 150F	845 psi @ 150F
MDMT	-20F @ 270 psi	-20F @ 705 psi	-20F @ 845 psi
Type	Stage 1	Stage 2	Stage 3
Shell Material	SA51670N	SA51670N	SA106B
Head Material	SA51670N	SA51670N	SA51670N
Shell Thickness (inches)	0.375	0.625	0.656
Head Thickness (inches)	0.3125	0.54	0.54
Job Number	VV166	VV166	VV166
C/A	1/16	1/16	1/16
CRN	P1273.2	P1272.2	P1271.2
Test Pressure	351 psi	917 psi	1099 psi
Model Number	A0452672	A0452673	A0452674

ARIEL Engine Frame	
Model	JGH/4
Frame Serial Number	F-14552
Stroke (inches)	4.5
Max. Rated Speed RPM	1200 RPM
Min. Rated Speed RPM	600 RPM
Max. Total Rod Load	46000 lbs
Ariel Shipping Date	Nov. 1999

ARIEL Corporation Details		
First Stage Suction Bottle Side		
Bore (inches)	11.5	
Class	E	
Stroke (inches)	4.5	
Rated RPM	1500	
MAWP (psig)	500	
Piston End CL.	HE= 0.050-0.110; CE=0.040	
Min. Vol. CL. (%)	HE= 14.8; CE=15.5	
Cylinder Serial Number	0-47161	

U.N.L. Serial Number	U-24473	U-27302
THD. LEAD (TPI)	0.125	0.125
CYL. Bore (inches)	11.500 E	11.500 E
TRAV. (inches)	2.94	2.94
UNL. Bore (inches)	9.5	9.5
Volume (cu in/in)	70.9	70.9

<i>Second & Third Stage Suction Bottle Side</i>		
Bore (inches)	7	
Class	E	
Stroke (inches)	4.5	
Rated RPM	1500	
MAWP (psig)	645	
Piston End CL.	HE= 2/3; CE=1/3	
Min. Vol. CL. (%)	HE= 16.6; CE=18.2	
Cylinder Serial Number	41909	
U.N.L. Serial Number	U23449	U23452
THD. LEAD (TPI)	0.125	0.083
CYL. Bore (inches)	7.000E	4.625E
TRAV. (inches)	3.25	4
UNL. Bore (inches)	5.5	3
Volume (cu in/in)	28.8	7.1



Waukesha Compressor showing Suction Bottle Stage 1



Waukesha Compressor showing Suction Bottle Stage 2&3



Fuel Gas Filter



Stage 1 Suction Scrubber



Stages 2 & 3 Suction Scrubbers

