

Complete Pneumatic Solutions (Hire)

Service Report

PO Box 250, Quakers Hill, NSW, 2763. ABN: 92165283983

300152



Compressed air
Vacuum Pumps
Nitrogen generators

Ph 0451 113 604 / email: cpscompressors@email.com / www.CPScompressors.com.au

Authorised distributor for Atlas Copco Australia				Date:	23rd November 2016
Customer Name	Hoslab			Site Contact	Hoslab - (Shaz) Mohamed Shazeer
Site Address 1	Gold Coast			Tel:	0499 200 273
Site Address 2	16 - 30 High st Southport QLD 4215			email:	m.shazeer@hoslab.com.au
Job Description	PM Major Service + Loading Head		Status	Completed:	Major Service + Loading Head
Work Required	Service Intervention: YES/No		YES	Parts Supply Only: YES / NO	NO
Callout Type	Breakdown Callout		NO	Scheduled Service	YES
Compressor Make	Atlas Copco GA37 #1			QLD health Asset No.	30990040
Serial Number	AII388361			Unit No.	1
Next Service Due Date	Feb-17	Aug-17	Nov-17	PO	HS_GC_221116
Next Service Type	Inspection	Minor Service	Filters/OSC	Other asset numbers detailed in notes.	
Service Report Number related to this job (if applicable)			NA		

Service Report Details GA37 #1 Air Compressor Major Service, receiver inspected, OSC serviced & Filters replaced - QLD Health

Inspection Service 3-Months					
a	Check air filters and strainers for cleanliness. Clean or replace as necessary.	<input checked="" type="checkbox"/>	Okay	<input type="checkbox"/>	Not OK
b	Check that the automatic alternating control functions correctly.	<input checked="" type="checkbox"/>	Okay	<input type="checkbox"/>	Not OK
c	Check frequency of starts and duration of run period and compare with previous records.	<input checked="" type="checkbox"/>	Okay	<input type="checkbox"/>	Not OK
d	Check operation of automatic drain on receivers and dryers. .	<input checked="" type="checkbox"/>	Okay	<input type="checkbox"/>	Not OK
e	Check operation of dryer in accordance with Manufacturer's specification.	<input checked="" type="checkbox"/>	Okay	<input type="checkbox"/>	Not OK
f	Check cut in and cut out pressures against specifications.	<input checked="" type="checkbox"/>	Okay	<input type="checkbox"/>	Not OK
g	Check oil level on oil lubricated plant and top up as necessary.	<input checked="" type="checkbox"/>	Okay	<input type="checkbox"/>	Not OK
h	Current draw for each compressor	<input checked="" type="checkbox"/>	Okay	<input type="checkbox"/>	Not OK
i	Running hours of each compressor.	<input checked="" type="checkbox"/>	Okay	<input type="checkbox"/>	Not OK
j	Check filters and reducing valves for correct operation.	<input checked="" type="checkbox"/>	Okay	<input type="checkbox"/>	Not OK
k	Check the loading and unloading operation.	<input checked="" type="checkbox"/>	Okay	<input type="checkbox"/>	Not OK
l	Inspect for securing and mounting of all equipment.	<input checked="" type="checkbox"/>	Okay	<input type="checkbox"/>	Not OK
m	Inspect all flexible connections.	<input checked="" type="checkbox"/>	Okay	<input type="checkbox"/>	Not OK
n	Check all pressure switch operation and calibrate as required.	<input checked="" type="checkbox"/>	Okay	<input type="checkbox"/>	Not OK
o	Check any other fault indicators.	<input checked="" type="checkbox"/>	Okay	<input type="checkbox"/>	Not OK
PM Procedure Frequency Yearly					
a	Blowdown air receiver and check contents for moisture	<input checked="" type="checkbox"/>	Okay	<input type="checkbox"/>	Not OK
b	If applicable Check & adjust belt drives and ensure guards are secure.	<input type="checkbox"/>	Okay	<input type="checkbox"/>	Not OK
c	Test air quality to AS2568	<input type="checkbox"/>	Okay	<input checked="" type="checkbox"/>	Not Done
d	Record Cut in & Cut out Pressures (load / unload)	See below			
e	Short Cycling: Check compressor is not short cycling	<input checked="" type="checkbox"/>	Okay	<input type="checkbox"/>	Not OK
f	Leaks: Check for air leaks (audible or observed)	<input checked="" type="checkbox"/>	Okay	<input type="checkbox"/>	Not OK
g	Control: If applicable Check for operation under auto control.	<input checked="" type="checkbox"/>	Okay	<input type="checkbox"/>	Not OK
h	Motor: Check motor bearings for noise & temperature.	<input checked="" type="checkbox"/>	Okay	<input type="checkbox"/>	Not OK
i	OIL: If applicable Check oil level, inspect for oil leaks.	<input checked="" type="checkbox"/>	Okay	<input type="checkbox"/>	Not OK
j	Mountings: Check tension on mounting & securing bolts.	<input checked="" type="checkbox"/>	Okay	<input type="checkbox"/>	Not OK
k	Coolers: Check that cooling devices fitted are working or cleaning coolers is necessary.	<input checked="" type="checkbox"/>	Okay	<input type="checkbox"/>	Not OK
l	Auto Drains: Manually bleed and ensure correct operation	<input checked="" type="checkbox"/>	Okay	<input type="checkbox"/>	Not OK
m	Clean air filter, inspect filter, drier and water separator.	<input checked="" type="checkbox"/>	Okay	<input type="checkbox"/>	Not OK
n	Sequence: In multiple installations, vary operating sequence.	<input checked="" type="checkbox"/>	Okay	<input type="checkbox"/>	Not OK
o	Hoses: Inspect flexible connections for damage, record and report if required.	<input checked="" type="checkbox"/>	Okay	<input type="checkbox"/>	Not OK
p	Lubrication: Lubricate any points provided for this purpose.	<input checked="" type="checkbox"/>	Okay	<input type="checkbox"/>	Not OK
q	Cylinders: If applicable Check cylinder unloaders where fitted.		NA		NA

r	Safety Valves: Check safety valve operation & setting.	<input checked="" type="checkbox"/> Okay	<input type="checkbox"/> Not Done
s	If applicable: Clean out receiver, inspect for corrosion, retest if required.	<input checked="" type="checkbox"/> Okay	<input type="checkbox"/> Not Done
t	Oil: Drain oil and flush out crankcase / sump, refill with new oil.	<input checked="" type="checkbox"/> Okay	<input type="checkbox"/> Not OK
Major Service 2 yearly			
a	Major Service replace inlet filters.	<input type="checkbox"/> Okay	<input type="checkbox"/> Not OK
b	Major Service remove air element and grease all bearings.	<input type="checkbox"/> Okay	<input type="checkbox"/> Not OK
c	Major Service replace check valve or re-kit.	<input type="checkbox"/> Okay	<input type="checkbox"/> Not OK
d	Check / Major Service replace safety valve or re-kit.	<input type="checkbox"/> Okay	<input type="checkbox"/> Not OK
e	Test pressure gauges and pressure switches for leaks, accuracy and operation $\pm 3\%$.	<input type="checkbox"/> Okay	<input type="checkbox"/> Not Done
Notes			
Major Service Carried out as detailed.			
Compressors in good working order and clean.			
All components replaced as per report below. Unit Cleaned and returned to service, no issues.			
Minor Service Due in Aug 17 Inline filters and OSC due November 2017 Inline Filters replaced, details below. Receiver Inspected, details below. Oil water separator serviced, details below.			
Record Data			
1	Record Run Hours Of Compressor	35948 hours	14904 loaded
2	Record Serial Number Of Compressor	AI1388361	
3	Check Operation Load / Unload Pressure (Cut in / Cut Out)	_7.1_ Load	_9.9_UL
4	Check Dryer operation: Dew Point Okay / Not Okay	<input checked="" type="checkbox"/> Okay	<input type="checkbox"/> Not OK
5	Dryer Dew Point (if present)	<input checked="" type="checkbox"/> Okay	°C
6	Check Controller for correct function and display / gauges	<input checked="" type="checkbox"/> Okay	<input type="checkbox"/> Not OK
7	Compressor Outlet Pressure	7.6	Bar
8	Oil Monitoring / Check for signs of leaks	<input checked="" type="checkbox"/> Okay	<input type="checkbox"/> Not OK
9	Motor Overload settings	Okay	AMPS
10	Check Drive Belts / Coupling / Drive Mechanism	<input checked="" type="checkbox"/> Okay	<input type="checkbox"/> Not OK
11	Check the loading and unloading operation - Inlet valve operation	<input checked="" type="checkbox"/> Okay	<input type="checkbox"/> Not OK
12	Inspect mountings of compressor (internally & externally)	<input checked="" type="checkbox"/> Okay	<input type="checkbox"/> Not OK
13	Current Draw of compressor	<input checked="" type="checkbox"/> Okay	<input type="checkbox"/> Not OK
14	Inspect all flexible connections for cracks, signs of wear or damage	<input checked="" type="checkbox"/> Okay	<input type="checkbox"/> Not OK
15	Check the securing & all mountings in compressor	<input checked="" type="checkbox"/> Okay	<input type="checkbox"/> Not OK
16	Check Lead / lag operation if present	<input checked="" type="checkbox"/> Okay	<input type="checkbox"/> Not OK
17	Check for Air, Oil & Water Leaks	<input checked="" type="checkbox"/> Okay	<input type="checkbox"/> Not OK
18	Check Safety Valve	<input checked="" type="checkbox"/> Okay	<input type="checkbox"/> Not OK
19	Check Elektronikon Functions	<input checked="" type="checkbox"/> Okay	<input type="checkbox"/> Not OK
20	Check condition of cooling fans & operation	<input checked="" type="checkbox"/> Okay	<input type="checkbox"/> Not OK
21	Check all coolers for good air flow	<input checked="" type="checkbox"/> Okay	<input type="checkbox"/> Not OK
22	Clean coolers as required	<input checked="" type="checkbox"/> Okay	<input type="checkbox"/> Not OK
23	Check intake air chamber & clean as required	<input checked="" type="checkbox"/> Okay	<input type="checkbox"/> Not OK
24	Clean fans as required	<input checked="" type="checkbox"/> Okay	<input type="checkbox"/> Not OK
25	Check operation of condensate drains, service as required	<input checked="" type="checkbox"/> Okay	<input type="checkbox"/> Not OK
26	Check Oil Level, adjust as required	<input checked="" type="checkbox"/> Okay	<input type="checkbox"/> Not OK
27	Oil Changed	<input checked="" type="checkbox"/> Changed	<input type="checkbox"/> No
28	Oil Filter Changed	<input checked="" type="checkbox"/> Changed	<input type="checkbox"/> No
29	Change Air Filter	<input checked="" type="checkbox"/> Changed	<input type="checkbox"/> No
30	Change gear Case Breather (if applicable)	<input type="checkbox"/> Changed	<input checked="" type="checkbox"/> No
31	Change Drive Belts / Coupling (if applicable)	<input type="checkbox"/> Changed	<input checked="" type="checkbox"/> No
32	Change Oil / Air Separator (if applicable)	<input checked="" type="checkbox"/> Changed	<input type="checkbox"/> No
33	Check operation of check valve(s)	<input checked="" type="checkbox"/> Okay	<input type="checkbox"/> Not OK
34	Service intake valve	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No

35	Reset Service Clocks	<input checked="" type="checkbox"/> Okay	<input type="checkbox"/> No
36	Test & Return to service	<input checked="" type="checkbox"/> Okay	<input type="checkbox"/> No
37	Inline filter 1: Check DP. Inline filter 2: Check DP	<input type="checkbox"/> Okay	<input checked="" type="checkbox"/> Not OK
38	Change inline filter 1: Record Type	<input checked="" type="checkbox"/> Changed	<input type="checkbox"/> No
39	Change inline filter 2: Record Type	<input checked="" type="checkbox"/> Changed	<input type="checkbox"/> No
Service Notes:	Major Service Carried Out as detailed a long with Loading Head rebuild. Asset number 30990040		
	Unit Cleaned and returned to service, no issues.		
	Receiver inspected, auto drain functioning correctly. Asset number 30990042.		
	OSC serviced. This Will be due again in 12 Months. Asset number 30990043.		
	Loading head found to have water inside. It was also showing signs of rust.		
	Inline filters were way past due date to be replaced.		
	Inline Filters replaced x4 Asset number 30990045		
41	Ambient Temperature	26°C	
42	Compressor Outlet Temperature	28°C	
43	Outlet Pressure at max	10 Bar	
44	Oil Pressure (if applicable)	NA	
45	Oil Temperature (if applicable)	NA	
46	Element 1 Outlet Temp	82°C	
47	Element 2 Inlet Temp (if applicable)	NA	
48	Intercooler Pressure Loaded (if applicable)	NA	
49	Intercooler Pressure Unloaded (if applicable)	NA	
50	Air Filter DP (if present)	NA	
51	Cooling Air Flow Temp	25°C	
52	HP Outlet Temp	NA	
53	VSD 0-40%	NA	
54	VSD 40-60%	NA	
55	VSD 60-80%	NA	
56	VSD 80-100%	NA	
Parts Associated with this Job			
Part / Item	Notes (if applicable such as SAP number)	Part Number	
Oil	Used	x15L	
Minimum Pressure Valve Kit	Used	2901 0218 00	
Loading Head Kit	Used	2901 0211 00	
Separator	Used	2901 0566 02	
water separator kit	Used	2901 0219 00	
Service Kit	Used	2901 0325 00	
Inline Filters	Used one of each	Z203FF1, 2030ZP, EU0730P, KPFU50730YECB	
OSC	Used	OWS9234	

Customer Name: QLD Health / Brookfield / Hoslab

Date:

23rd November 2016

Signature:

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