

DESCRIPTION:	Major Zone 1 Lubrication and Service	FREQUENCY:	12 Months
LOCATION:	Canungra Sewerage Treatment Plant	STANDARD JOB No.:	LTS708

Parts/Materials List DI Alpha SP220 Oil DI AP3 Grease DI Spheerol EPL2 EP350 Grease Proce Procrect shut down procedures before working on any equipment. Penance Group Discreens Inclined Conveyors Droveyor
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y Drainage Deck
•
GDD wash water Pump
ed Sludge Conveyor
e Bin
Scum Pump
rane Permeate System Vacuum Pumps
e Pump Station
on Mixers
dural Steps
re isolating any equipment, where possible observe in running condition. Check for correct operat
Screen 1 Conveyor
gear motor unit for oil leaks.
ge gear motor oil with SP220.
screen brush for damage and wear.
conveyor liner for wear.
conveyor screw for wear and tear.
tightness of all gear motor fasteners.
tightness of all conveyor bolts.

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Inlet Screen 2 Conveyor	
Check gear motor unit for oil leaks.	
Change gear motor oil with SP220.	
Check screen brush for damage and wear.	
Check conveyor liner for wear.	
Check conveyor screw for wear and tear.	
Check tightness of all gear motor fasteners.	
Check tightness of all conveyor bolts.	
Check conveyor and support frame weld for defects.	
Grit Conveyor	
Check gear motor unit for oil leaks.	
Change gear motor oil with SP220.	
Check screen brush for damage and wear.	
Check conveyor liner for wear.	
Check conveyor screw for wear and tear.	
Check tightness of all gear motor fasteners.	
Check tightness of all conveyor bolts.	
Check conveyor and support frame weld for defects.	
Sucrose Unloading Pump	
Change gear motor oil with SP220.	
Check tightness of all gear motor fasteners.	
Check condition of flexi hose and camlock fittings.	
Belt Filter Press	
Check gear motor unit for oil leaks.	2000
Check gear motor oil level and oil for contamination. Top up with SF	~220.
Check all auto lube levels and refill. Castrol Spheerol EPL2	
Check tightness of all gear motor fasteners.	
Inspect the belt for cracks/wear and/or folding	
Inspect the deflector blades for cracks and/or wear	
Inspect the sealing strips for cracks and/or wear	
Inspect the press rolls for uneven wear	

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ocarion.	Canding to Sewerage Treatment Trant	STANDARD JOB No.:	L15700
Gravity Drainag	ge Deck		
	tor unit for oil leaks.		
	tor oil level and oil for contamination. Top up with SP:	220.	
	ube levels and refill. Castrol Spheerol EPL2		
	s of all gear motor fasteners.		
	for cracks/wear and/or folding		
Inspect the defle	ector blades for cracks and/or wear		
Inspect the seal	ling strips for cracks and/or wear		
	ss rolls for uneven wear		
Inclined Belt Si	ludge Conveyor		
Grease the motor	or pulley gear with Esso EP350 Grease. (find Castro	ol equivalent)	
Remove belt co	vers and check condition of belt, wear and tears.		
Check condition	of rollers.		
Sludge Bin			
Check gear mot	tor unit for oil leaks.		
Check gear mot	tor oil level and oil for contamination. Top up with SP:	220.	
Check tightness	s of all gear motor fasteners.		
Check bell hous	sing packing box temperature.		
Check bell hous	sing packing box for leaks.		
Check/verify scr	rew conveyor liner for wear.		
Check/verify scr	rew conveyor trough for wear.		
Check/verify scr	rew conveyor screw for wear.		
Aeration Mixer			
Lift mixer and ca	arry out visual check of condition and remove any rag	g/debris.	
	on of lifting chain and integrity of connection point to n		
Aeration Mixer			
	arry out visual check of condition and remove any rac		
Inspect condition	on of lifting chain and integrity of connection point to n	nixer.	
Aeration Mixer	3		
Lift mixer and ca	arry out visual check of condition and remove any rag	g/debris.	
Inspect condition	n of lifting chain and integrity of connection point to n	nixer.	
Aeration Mixer	<u> </u>		
	arry out visual check of condition and remove any rag	g/debris.	
	on of lifting chain and integrity of connection point to n		
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LOCATION:	Canungra Sewerage Treatment Plant	STANDARD JOB No.:	LTS708

Filtrate Pur	mp 1
	e running for noise, vibration and leaks at sealing point.
	juide rail bracket is secure
Remove pu	
Check lifting	g chain, shackles, eye bolts and guide rail for corrosion and/or defects
Remove ele	ement from volute and check impeller condition
Check for si	igns of mechanical seal leakage and internal condition of volute
Replace oil	checking for contaminates
Replace pu	mp checking for good seal
Check ease	of operation of isolation valve
Undertake i	nternal inspection of non-return valve checking for wear and correct operation.
Filtrata Bas	
Filtrate Pur	•
	e running for noise, vibration and leaks at sealing point.
	juide rail bracket is secure
Remove pu	•
	g chain, shackles, eye bolts and guide rail for corrosion and/or defects
	ement from volute and check impeller condition
	igns of mechanical seal leakage and internal condition of volute
	checking for contaminates
	mp checking for good seal
	of operation of isolation valve nternal inspection of non-return valve checking for wear and correct operation.
onuertake I	nternal inspection of non-return valve checking for wear and correct operation.
WAS / Scui	m Pumps
Change gea	ar motor oil with SP220.
Check pres	sure relief valves for abnormal noise and vibration. Possible bypassing or line blockages.
	Permeate System Vacuum Pumps
	ps for excessive noise, vibrations.
	work for leaks, defects.
	acuum pump cooling fins.
	acuum pump separator.
•	vacuum pump water cooler.
Replace the	vacuum pump air filter.

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