

DESCRIPTION:	Zone 3. 12 Monthly Lubrication Maintenance	FREQUENCY:	12 Months
LOCATION:	ST22 Oxley Creek WRP	STD JOB ID:	LTS056

Spare Parts List	Maintenance Group
Castrol SP220 Gear Oil	THP Pulper Recirculation Pumps
Castrol AP3 Grease	THP Reactor Feed Pumps
Glycerine	THP Digester Feed Pumps
Castrol Alphasyn EP220	THP Foul Gas Ejector Pumps
Castrol Hyspin AWS68	Storage Digester 1 PDA Blower
Castrol Perfecto T68	Storage Digester 2 PDA Blower
Castrol White oil 15BP	Centrifuge Sludge Feed Pump Station
Castrol Mollub Alloy 936SF Open Gear Grease	Metal Salts Dosing System
	Odour Control Unit #1 (OCU#1)
	Sludge Recirculation Pumps
	Primary Digesters
	Storage Digesters
	WAS Interconnecting Pit
References	
CAMBI O&M Manual No. 25.1. Volume 1 (Apper	ndix 1 to 4)
Metal Salts Dosing System O&M Manual No.32	,
Majortech Operation & Maintenance Manual. Boo	ok # 2 Equipment.
	ok # 2 Equipment.
Majortech Operation & Maintenance Manual. Boo Procedural Steps Thermal Hydrolysis pumps are overhauled du	ring the shutdown. These inspections are visual.
Majortech Operation & Maintenance Manual. Boo Procedural Steps Thermal Hydrolysis pumps are overhauled du Removal of oil level plugs will be necessary fo	ring the shutdown. These inspections are visual.
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Foul Gas Ejec	tor Pumps			
Check pump a	nd mechanical seal for leakage.			
Check pipewo	k and valving for leaks, defects.			
	,			
Storage Diges	ster 1 PDA Blower			
	ower #1 oil level and top up if necessary v	with Alphasyn EF	P220./ Mobil SHC 6	630
Check PDA BI	ower #2 oil level and top up if necessary v	with Alphasyn EF	P220./ Mobil SHC 6	630
Centrifuge SI	udge Feed Pump Station			
Drain Pump #1	gearbox oil and replace with SP220 gea	r oil.		
Drain Pump #2	gearbox oil and replace with SP220 gea	r oil.		
Drain Pump #3	gearbox oil and replace with SP220 gea	r oil.		
Lubricate all ki	nife gate valve spindles with Mollub Alloy	grease (5 off)		
Metal Salts D	osing System			
Drain Low Rat	e Dosing Pump #1 oil and replace with Hy	spin AWS68.		
Drain Low Rat	e Dosing Pump #2 oil and replace with Hy	spin AWS68.		
Primary Scrul	ober Recirculation Pumps			
	Scrubber Recirculation Pump #1 oil and r	eplace with Perfe	ecto T68.	
	Scrubber Recirculation Pump #2 oil and r			
Drain r rimary		opiaco mari on	00.0 100.	
Secondary Se	rubber Recirculation Pumps			
	ry Scrubber Recirculation Pump #1 oil an	nd replace with P	erfecto T68	
	ry Scrubber Recirculation Pump #2 oil an			
Drain Goodia	ny corabbon reconcentation i amp #2 on an	ia ropiaco mari	0110010 1001	
Extraction Fa	n 1 and 2			
	ive shaft guard, open bearing housings a	nd replace beari	ng grease	
	n of existing bearings.	ropiado beam		
	ing housings and secure, then rotate fan	assembly to che	ck for smooth oper	ration.
	Irive shaft guard.	2230111219 10 0110	s.c. re. e.modar oper	
To mounting	Juan gaara			
OCU Loading	Bund Sump Pump			
	change oil. Replace with Castrol White oil			
Lift purify and	Sharigo oii. Repiace with Castioi Wille oii	1001.		
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	Z === Smoy Olden Id	512 002 12.	
Digester 3&4 \$	Sludge Recirculation Pumps		
	Recirculation pumps for noise, leaks, vibrat	ion.	
Lubricate all kn	ife gate valve spindles with Mollub Alloy 93	6SF grease. (11 valves)	
Check all sludg	e pipework and valving for leaks, defects.		
Hot Water Byp			
Check all hot w	rater pipework and valving for leaks, defect	S	
Digester No.1			
	pic draw off valve pedestal bearing with 4 s	shots of AP3.	
	ster 1 to Storage 1 isolation knife gate valve		ase.
Digester No.2			
	pic draw off valve pedestal bearing with 4	shots of AP3.	
	ster 2 to Storage 1 isolation knife gate valve		ase.
<u></u>		, <del></del>	
Digester No.3			
Grease dome ç	guide wheels with 10 shots of AP3. (5 guide	units, 2 wheels per unit, 2 grease po	ints per wheel)
Checker plate	covers will have to be removed to access a	ll grease nipples.	
Grease telesco	pic draw off valve pedestal bearing with 4 s	shots of AP3.	
Lubricate Diges	ster 3 to Storage 2 isolation knife gate valve	e spindle with Mollub Alloy 936SF gre	ase.
Lubricate Stora	ge 1&2 interconnecting isolation knife gate	valve spindle with Mollub Alloy 936S	F grease.
Digester No.4			
	guide wheels with 10 shots of AP3. (5 guide	units, 2 wheels per unit, 2 grease po	ints per wheel)
	covers will have to be removed to access a		
Grease telesco	pic draw off valve pedestal bearing with 4	shots of AP3.	
	ster 4 to Storage 2 isolation knife gate valve		ase.
WAS Intercon	necting Pit		
	n of air bleeds and for bypassing.		
	k and valving for leaks, defects.		
Operate the thr	ee knife gate vales checking for full stroke	and operation of pneumatic actuator.	

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