

DESCRIPTION:	6 Monthly Zone 1 Lubrication and Service	FREQUENCY:	6 Months
LOCATION:	Bundamba Sewerage Treatment Plant	STANDARD JOB No.:	LTS325

S	pare Parts/Materials List
С	Castrol LMX Grease
С	Castrol White Oil 15 BP
С	Castrol Hyspin AWH100
S	shell Gadus S2 V100 2
R	Reference
lr	nstallation, Operation and Maintenance Manual for Gorman-Rupp Super T Series
N	laintenance Group
Α	eration Tank 5
Α	eration Tank 4
Α	eration Tank 3
Α	naerobic Tank 3
Α	naerobic Tank 4
Α	naerobic Tank 5
Ρ	Plug Valve Pits
K	Inife Gate Pits
٧	VAS Pump Station
Р	Procedural Steps
В	sefore isolating any equipment where possible observe in running condition. Check for correct operation
Α	eration Tank 5
V	MIXERS
M	lixer <b>A</b> Zone <b>1</b> – Lift mixer and clear any build-up of rag and debris around propeller. Access condition of mixer
N	lixer <b>B</b> Zone <b>1</b> – Lift mixer and clear any build-up of rag and debris around propeller. Access condition of mixer
N	lixer <b>A</b> Zone <b>2</b> – Lift mixer and clear any build-up of rag and debris around propeller. Access condition of mixer
N	lixer <b>B</b> Zone <b>2</b> – Lift mixer and clear any build-up of rag and debris around propeller. Access condition of mixed
M	lixer A Zone 3 – Lift mixer and clear any build-up of rag and debris around propeller. Access condition of mixe
M	lixer <b>B</b> Zone <b>3</b> – Lift mixer and clear any build-up of rag and debris around propeller. Access condition of mixed
M	fixer Zone 4 – Lift mixer and clear any build-up of rag and debris around propeller. Access condition of mixer.
N	Nixer Zone 8 – Lift mixer and clear any build-up of rag and debris around propeller. Access condition of mixer.

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CATION:	Buildailiba Sev	verage Treatmen	ıı rıanı		STANDARD	JOD No.:	L13323	
A-RECYCLE P	UMPS							
A-Recycle Pum		and clear anv l	build-up of ra	and debris	around prope	eller. Access	s condition of a	oum
A-Recycle Pum	· · · · ·		•	-			-	
				<u> </u>			'	
Aeration Tank	4							
MIXERS								
Mixer A Zone 1	<ul> <li>Lift mixer and</li> </ul>	d clear any buil	ld-up of rag a	and debris ar	ound propelle	r. Access co	ondition of mix	er.
Mixer B Zone 1	<ul> <li>Lift mixer and</li> </ul>	d clear any buil	ld-up of rag a	and debris ar	ound propelle	r. Access co	ondition of mix	er.
Mixer A Zone 2	. – Lift mixer and	d clear any buil	ld-up of rag a	and debris ar	ound propelle	r. Access co	ondition of mix	er.
Mixer B Zone 2	. – Lift mixer and	d clear any buil	ld-up of rag a	and debris ar	ound propelle	r. Access co	ondition of mix	er.
Mixer A Zone 3	– Lift mixer and	d clear any buil	ld-up of rag a	and debris ar	ound propelle	r. Access co	ondition of mix	er.
Mixer B Zone 3	– Lift mixer and	d clear any buil	ld-up of rag a	and debris ar	ound propeller	r. Access co	ondition of mix	er.
Mixer Zone 4 –	Lift mixer and o	lear any build-	up of rag and	d debris arοι	ınd propeller. A	Access cond	dition of mixer	
Mixer Zone 8 –	Lift mixer and o	lear any build-	up of rag and	d debris arou	ınd propeller. A	Access cond	dition of mixer	
Remove grease	from penstock	spindles and r	re-grease wit	h LMX Grea	se.			
A-RECYCLE P	UMPS							
A-RECYCLE P		and clear any h	huild-un of ra	and debris	around prope	ller Access	s condition of a	nım
A-Recycle Pum	np <b>1</b> - Lift pump							
	np <b>1</b> - Lift pump							
A-Recycle Pum	np <b>1</b> - Lift pump							
A-Recycle Pum A-Recycle Pum	np <b>1</b> - Lift pump np <b>2</b> - Lift pump							
A-Recycle Pum A-Recycle Pum Aeration Tank	np <b>1</b> - Lift pump np <b>2</b> - Lift pump							
A-Recycle Pum A-Recycle Pum A-Recycle Pum Aeration Tank MIXERS	np 1 - Lift pump np 2 - Lift pump	and clear any t	build-up of ra	ng and debris	around prope	eller. Access	s condition of p	oun
A-Recycle Pum A-Recycle Pum A-Recycle Pum Aeration Tank MIXERS Mixer A Zone 1	np 1 - Lift pump np 2 - Lift pump 3  – Lift mixer and	and clear any b d clear any buil	build-up of ra	ng and debris	around prope	eller. Access	s condition of p	er.
A-Recycle Pum A-Recycle Pum Aeration Tank MIXERS	np 1 - Lift pump np 2 - Lift pump  3  - Lift mixer and - Lift mixer and	and clear any b d clear any buil d clear any buil	build-up of ra ld-up of rag a ld-up of rag a	ng and debris and debris and debris and	around prope cound propeller	r. Access co	ondition of mix	er.
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A-Recycle Pum A-	3  - Lift mixer and Carlot mixer and Car	and clear any build clear any	ld-up of rag a ld-up of rag a up of rag and up of rag and re-grease wit	and debris aroud debris aroud h LMX Grea	ound propeller ound propeller ound propeller ound propeller ound propeller ound propeller and propeller. A	r. Access cor.	endition of mixed and tion of mixed and tion of mixed and tion of mixed and tion of mixed attion of mixed atticts at the condition of mixed attacks at the condition at the condition of mixed attacks at the condition at the	eer. eer. eer.
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DESCRIPTION:	6 Monthly Zone 1 Lubrication and Service	FREQUENCY:	6 Months
LOCATION:	Bundamba Sewerage Treatment Plant	STANDARD JOB No.:	LTS325

Anaerobic Tan	uk 3
Mixer Zone 1 –	Lift mixer and clear any build-up of rag and debris around propeller. Access condition of mixer.
Mixer Zone 2 –	Lift mixer and clear any build-up of rag and debris around propeller. Access condition of mixer.
Mixer Zone 3 –	Lift mixer and clear any build-up of rag and debris around propeller. Access condition of mixer.
Remove grease	e from penstock spindles and re-grease with LMX Grease.
Anaerobic Tan	ık 4
Mixer Zone 1 –	Lift mixer and clear any build-up of rag and debris around propeller. Access condition of mixer.
Mixer Zone 2 –	Lift mixer and clear any build-up of rag and debris around propeller. Access condition of mixer.
Mixer Zone 3 –	Lift mixer and clear any build-up of rag and debris around propeller. Access condition of mixer.
Remove grease	e from penstock spindles and re-grease with LMX Grease.
Anaerobic Tan	
	Lift mixer and clear any build-up of rag and debris around propeller. Access condition of mixer.
	Lift mixer and clear any build-up of rag and debris around propeller. Access condition of mixer.
	Lift mixer and clear any build-up of rag and debris around propeller. Access condition of mixer.
Remove arease	s from populacy animalica and re-graces with LMV Creeces
rtemove grease	e from penstock spindles and re-grease with LMX Grease.
rtemove grease	e from penstock spindles and re-grease with LMA Grease.
WAS Pump 1	e from penstock spindles and re-grease with LMA Grease.
WAS Pump 1	nd pipe work for leaks.
<b>WAS Pump 1</b> Check valves a	
WAS Pump 1 Check valves an	nd pipe work for leaks.
WAS Pump 1 Check valves an Check pumps fo Remove couplir	nd pipe work for leaks. or leaks, noise and/or vibration.
WAS Pump 1 Check valves and Check pumps for Remove coupling Check oil level (	nd pipe work for leaks. or leaks, noise and/or vibration. ng guard and check condition on couplings and rubbers.
WAS Pump 1 Check valves and Check pumps for Remove coupling Check oil level ( Refer to referen	nd pipe work for leaks. or leaks, noise and/or vibration. ng guard and check condition on couplings and rubbers. (Hyspin AWH100) top up if needed.
WAS Pump 1 Check valves and Check pumps for Remove coupling Check oil level ( Refer to referent Grease motor b	nd pipe work for leaks. or leaks, noise and/or vibration. ng guard and check condition on couplings and rubbers. (Hyspin AWH100) top up if needed. nced manual for guidance.
WAS Pump 1 Check valves and Check pumps for the complex coupling the check oil level (the che	nd pipe work for leaks. or leaks, noise and/or vibration. ng guard and check condition on couplings and rubbers. (Hyspin AWH100) top up if needed. nced manual for guidance. bearings with 10 shots of Shell Gadus S2 V100 2
WAS Pump 1 Check valves and Check pumps for the coupling Check oil level (Refer to referent Grease motor bottom the coupling the coupli	nd pipe work for leaks. or leaks, noise and/or vibration. ng guard and check condition on couplings and rubbers. (Hyspin AWH100) top up if needed. nced manual for guidance. bearings with 10 shots of Shell Gadus S2 V100 2 at the grease exit ports are opened during lubrication*****
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DESCRIPTION:	6 Monthly Zone 1 Lubrication and Service	FREQUENCY:	6 Months
LOCATION:	Bundamba Sewerage Treatment Plant	STANDARD JOB No.:	LTS325

Main Plug Valve Pit
Access condition of valve from ground level. Check valve for rotation.
Plug Valve Pit No.1
Access condition of valve from ground level. Check valve for rotation.
Plug Valve Pit No.2
Access condition of valve from ground level. Check valve for rotation.
Knife Gate Valve Pit No.1
Access condition of valve from ground level. Check valve for rotation.
Knife Gate Valve Pit No.2
Access condition of valve from ground level. Check valve for rotation.
Knife Gate Valve Pit No.3
Access condition of valve from ground level. Check valve for rotation.

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