

DESCRIPTION:	6 Monthly Zone 4 Lubrication and Service	FREQUENCY:	6 Months
LOCATION:	Goodna Sewerage Treatment Plant	STANDARD JOB No.:	LTS331

Spare I	Parts/Materials List
Castrol	Alpha SP220
Castrol	EPL2 Grease
Castrol	Hyspin AWH46
Refere	
Follow	correct shut down procedures before working on any equipment.
Mainte	nance Group
Digeste	r 1
Second	ary Settling Tank 4
D	overal Ottom or
	ural Steps:
	isolating any equipment where possible observe in running condition. Check for correct operat
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Before	·
Before Digeste	isolating any equipment where possible observe in running condition. Check for correct operati
Digeste Check I	isolating any equipment where possible observe in running condition. Check for correct operations and condition is a second condition of the condition is a second condition of the condition of the condition is a second condition of the conditio
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Digeste Check (Check (Check (Winch expression))	isolating any equipment where possible observe in running condition. Check for correct operations of mixers and Davits mixers for excessive vibration. condition of mixer Jib Cranes. mixer guide rail fasteners for tightness. each mixer out of the tank and check:
Digeste Check I Check I Winch G	isolating any equipment where possible observe in running condition. Check for correct operations of mixers for excessive vibration. condition of mixer Jib Cranes. mixer guide rail fasteners for tightness. each mixer out of the tank and check: Operation of hoist.
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Digeste Check of Check of Check of Winch of	isolating any equipment where possible observe in running condition. Check for correct operations of mixers for excessive vibration. condition of mixer Jib Cranes. mixer guide rail fasteners for tightness. each mixer out of the tank and check: Operation of hoist.
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Digeste Check (Check (C	isolating any equipment where possible observe in running condition. Check for correct operations of mixers and Davits mixers for excessive vibration. condition of mixer Jib Cranes. mixer guide rail fasteners for tightness. each mixer out of the tank and check: Operation of hoist. Condition of exterior of mixer. Remove any rag attached to mixer. Per Mixer 1 Per Mixer 2 Per Mixer 3 Per Mixer 4

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Digester Recycle Pumps
Check for noise and vibration on A-Recycle Pumps.
Lift each pump and remove any rag and/or debris.
Condition of exterior of pump
Digester Recycle Pump 1
Digester Recycle Pump 2
Digester Recycle Pump 3
Digester Recycle Pump 4
Digester Penstocks
Clean drive shafts and regrease with EPL2 Grease.
Secondary Settling Tank 4
Run bridge and check:
Drive gearbox unit for leaks / noise / vibration
Drive Wheel and idle wheel for bearing noise / de-lamination
Centre Column Bearing for noise / vibration
Apply grease to centre column, drive and idle wheel bearings
Scum Scraper for damage
Scraper support chains, shackles and mounting points for defects
Grease lines and grease nipples for defects.
Isolate bridge and perform lube maintenance:
Check bridge drive primary /secondary gearbox oil levels and for contamination.
Jack up bridge and check wheel bearings for noise / defects.
Remove wheel bearing housing caps where no grease nipples are fitted and check grease. Regrease if required.

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