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| DESCRIPTION: | 3 Monthly Zone 3 Lubrication Maintenance | FREQUENCY: | 3 Monthly |
| LOCATION: | ST018 Luggage Point STP | STD JOB ID: | LTS020 |

| Grease and Oils Required | Maintenance Group |
|--|--------------------------|
| Castrol Hyspin AWS100 | RAS Pumps 1 to 3 |
| Castrol AP3 | FST's 1 to 12 |
| Castrol EPL2 Grease | V Drain Penstock |
| Castrol Hyspin AWS46 | |
| Castrol EPX 80W-90 | |
| Castrol Mollub Alloy 936SF Open Gear Grease | |
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| Procedural Steps | |
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| RAS No.1 Archimedes Screw Type | |
| Ensure two pumps are running prior to checking oil levels. | |
| Check Oil level in Bottom Bearing. Top up if necessary with Hyspin AWS 100 | |
| Grease Electric Motors with Castrol AP3. | |
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| RAS No.3 Archimedes Screw Type | |
| Ensure two pumps are running prior to checking oil levels. | |
| Check Oil level in Bottom Bearing. Top up if necessary with Hyspin AWS 100 | |
| Grease Electric Motors with Castrol AP3. | |
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| RAS No.3 Archimedes Screw Type | |
| Ensure two pumps are running prior to checking oil levels. | |
| Check Oil level in Bottom Bearing. Top up if necessary with Hyspin AWS 100 | |
| Grease Electric Motors with Castrol AP3. | |
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| Final Settling Tanks 1 to 8 | |
| Grease Bridge wheels 6 wheels per tank 2 points per wheel with 6 shots of EPL2 Grease. | |
| Grease centre bearings 6 shots per point on Manifold block with EPL2 Grease | |
| Grease siphon pump con rod 2 shots of EPL2 Grease | |
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| Final Settling Tanks 9 to 12 | |
| Grease Bridge wheels 6 wheels per tank 2 points per wheel with 6 shots of EPL2 Grease. | |
| Grease centre bearings 6 shots per point on Manifold block with EPL2 Grease | |
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| | V Drain Penstock |
| | Lubricate valve stem with Mollub Alloy 936SF |
| | Check operation of penstock. |
| | Check condition of seals and guides. |
| | Check for build-up of debris around sealing face in V drain. |
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