MACNEIL WASH SYSTEMS
REV A: MAY 2014

PREVENTATIVE MAINTENANCE OIL & LUBRICATION GUIDE

TECH 21 DRYERS

DAILY
1. Check inlet screen and remove any debris. Listen for unusual noise or vibration, and inspect impellers (each fan).

ANNUALLY
1. Inspect blower impellers for signs of stress cracks.

RG-440 CONVEYOR

DAILY
1. Grease slider carriage and take-up drum. (3 fittings)
2. Check rollers for damage and wear.

MONTHLY
1. Lubricate call-up fork cylinders with spray-on lubricant. (Fluid Film is recommended)
2. Check oil level on Heco gear reducer and inspect output shaft seal for leaks.

YEARLY
1. Change oil in Heco gear reducer.

RS-701 WRAP-AROUNDS

WEEKLY
1. Lubricate air cylinder rods with spray-on lubricant. (Fluid Film is recommended)
2. Grease rod ends.
3. Check oil levels in oil reservoirs and fill if needed.

MONTHLY
1. Change oil in Heco gear reducer.

ALL TUNNEL EQUIPMENT

DAILY
1. Hose down all grit from conveyor and floor area.
2. Check all rod ends and cylinder mounts for tightness.
3. Grease all rod ends and lubricate flow controls.
4. Inspect all hoses, air lines and water supplies for leaks.
5. Inspect all brushes for damaged or missing foam.

ALL WATER & SOLUTION ARCHES

DAILY
1. Grease brush shaft bearings. (1 point per side)
2. Grease pivot arms. (4 points per side)

WEEKLY
1. Lubricate air cylinders on both sides with spray-on lubricant. (Fluid Film is recommended)

WHEEL BOSS & GLOSS BOSS

DAILY
1. Grease brush shaft bearings. (1 point per side)

WEEKLY
1. Lubricate air cylinders on both sides with spray-on lubricant. (Fluid Film is recommended)

BACK ROOM EQUIPMENT

PUMPING STATIONS

MONTHLY
1. Check pump oil level.

BIANNUALLY
1. Change pump oil. (first change after 100 hours of operation)

WCC

WEEKLY
1. Check oil level on air line and fill if needed.

DAILY
1. Drain water out of all air line water traps.
2. Drain compressor tank.

MISC. BACK ROOM

DAILY
1. Clean conveyor pit regularly.

RS-301 & RS-400 SIDE WASHERS

WEEKLY
1. Lubricate air cylinders with spray-on lubricant. Cylinder is protected. (Fluid Film is recommended)
2. Check roller for smooth rotation.

MONTHLY
1. Clean the correlator rollers and correlator pit.

CORRELATOR

MONTHLY
1. Change oil in Heco gear reducer and inspect output shaft seal for leaks.

PHOTO EYES

DAILY
1. Clean lenses and check alignment. (both sides)

XR1000 CONVEYOR

DAILY
1. Grease safety door at both ends of conveyor.
2. Grease call-up fork. (2 fittings)
3. Check rollers for damage and wear.

WEEKLY
1. Check chain tension and stretch.
2. Lubricate call-up fork cylinders with spray-on lubricant. (Fluid Film is recommended)

MONTHLY
1. Check oil level on Heco gear reducer and inspect output shaft seal for leaks.

MAGNUM WHEEL BLASTERS

DAILY
1. Check nozzle tips to ensure they are operating properly.

WEEKLY
1. Lubricate Wheel Blaster air cylinders with spray-on lubricant. (Fluid Film is recommended)

RS-1000 TOP BRUSH

DAILY
1. Inspect for proper brush rotation. Clean nozzles regularly.

MONTHLY
1. Grease pivot arm & brush shaft bearings (electric).

RS-1000 TO/P BRUSH

DAILY
1. Check rollers for smooth rotation.

MONTHLY
1. Clean the correlator rollers and correlator pit.