Yearly Maintenance Schedule, Central Mix

Erie Strayer Company

1851 Rudolph Ave.
Erie, PA 16502

(814) 456-7001 phone
(814) 452-3422 fax

TECHNICAL SERVICE BULLETIN ESC112009

CONVEYORS BIN CHARGING AND BATCH TRANSFER	D	W	M	S	A
INSPECT BELT CLIP OR SPLICE CONDITION					
GREASE HEAD AND TAIL PULLEY BEARINGS					
CLEAN MATERIAL BUILDUP; BELT, DRIVE AND TAIL PULLEY, MOTOR					
INSPECT V-BELTS					
CHECK GEAR REDUCERS FOR LEAKS					
CHECK TRACKING OF BELT ON ROLLERS AND PULLEYS					
INSPECT PULLEYS AND PILLOW BLOCK BEARINGS FOR WEAR					
CHECK MOTOR TO GEAR REDUCER DRIVE BELTS FOR WEAR					
CHECK SKIRT RUBBER FOR WEAR AND POSITIONING					
INSPECT BELT WIPER FOR WEAR AND POSITIONING					
CHECK GEAR REDUCER OIL LEVEL					
CHECK CONVEYOR BELT TENSION					
LUBRICATE IDLER ROLLERS AND RETURN ROLLERS					
CHANGE GEAR REDUCER OIL					
LUBRICATE ELECTRIC MOTORS					
BAGHOUSE	**D**	**W**	**M**	**S**	**A**
CHECK THAT THE AIR PRESSURE IS BETWEEN 60 AND 70 PSI					
CHECK MAGNEHELIC GAUGE FOR NORMAL OPERATION 2" TO 5" WC					
DURING OPERATION CHECK FOR DUST LEAKS - REPLACE BAGS IF BAD					
ENSURE DUST PICKUP POINTS ARE NOT CLOGGED W/ CEMENT BUILDUP					
CHECK TO MAKE SURE WATER IS NOT LEAKING INTO BAGHOUSE					
CHECK THE MOISTURE TRAP ON REGULATOR FOR EXCESSIVE WATER					
INSPECT FAN FOR PROPER BELT TENSION AND WEAR					
INSPECT FAN FOR VIBRATION, WEAR AND BUILDUP ON IMPELLERS					
INSPECT SOLENOIDS FOR OPERATION					
OPEN HOPPER DOOR AND CHECK FOR BUILDUP & COND. OF DOOR SEALS					
CHECK COUPLING BETWEEN MOTOR AND BLOWER					
CHECK BLOWER INLET FILTER					
CHECK BLOWER OPERATION TEMPERATURE					
LUBRICATE BLOWER BEARINGS EVERY TWO WEEKS					
CHECK BLOWER OIL LEVEL					
GREASE FAN BEARINGS					
INSPECT ALL DUCTING & HOSES FOR BUILDUP, LEAKS AND DAMAGE					
GREASE ELECTRIC MOTORS - 1 TO 2 SHOTS ONLY					
CHANGE ALL BAGS					
CHANGE GEAR REDUCER OIL					
LUBRICATE ELECTRIC MOTOR					

D-DAILY W-WEEKLY M-MONTHLY S-SEMI-ANNUALLY A-ANNUALLY

Yearly Maintenance Schedule MC-11C

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AIR COMPRESSOR / PNEUMATICS	D	W	M	S	A
CHECK COOLANT AND/OR OIL LEVEL					
DRAIN AIR RECEIVER TANK					
CLEAN ALL BUILDUP FROM EXTERIOR					
DRAIN MOISTURE / OIL SEPERATORS					
CHECK AIR PRESSURE AT EACH MANIFOLD FOR 90 - 110 PSI+					
CHECK ALL MANIFOLDS FOR LOOSE FITTINGS, HOSES AND AIR LEAKS					
CHECK AIR FILTER INDICATOR FOR RED CONDITION, CHANGE IF RED					
CLEAN BUILDUP INSIDE OF MIXER DRUM					
INSPECT MIXER DRUM LINERS FOR WEAR AND SECURE MOUNTING					
INSPECT NOSE PLUG FOR FULL RETRACTION - CLEAN OFF BUILDUP					
LUBRICATE MAIN AND EDGE ROLLER BEARINGS					
GREASE HINGE, LINK AND CYLINDER BALL BUSHINGS					
CHECK MAIN AND EDGE ROLLERS FOR UNUSUAL NOISE					
MAIN ROLLER / BULL GEAR WEAR PATTERN - SHOULD BE CENTERED					
CHECK BACKLASH BETWEEN PINION AND BULL GEAR					
CHECK EDGE ROLLER CLEARANCE					
CLEAN BUILDUP FROM GEAR TEETH AND CHECK FOR UNUSUAL WEAR					
CHECK GEAR REDUCER OIL LEVEL					
INSPECT GEAR REDUCER COUPLERS FOR WEAR, DAMAGE AND MOUNTING					
CHECK MOTOR TO HYD PUMP COUPLER FOR WEAR, DAMAGE AND MOUNTING					
CLEAN OIL, DIRT AND DEBRIS OFF OF ALL SYSTEM COMPONENTS					
CHECK LEVEL OF GREASE IN RESERVIOR PF AUTO-LUBE SYSTEM					
CHANGE OIL IN DRIVE GEAR REDUCERS					
GREASE MIXER DRIVE MOTORS - 1 TO 2 SHOTS ONLY					
CHANGE HYDRAULIC TANK BREATHER					
CLEAN OIL STRAINER					
CHANGE HYDRAULIC OIL AND FILTER					
INSPECT BUCKET AND BLADE BOLTS FOR TIGHTNESS					
	D	**W**	**M**	**S**	**A**

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AIR COMPRESSOR / PNEUMATICS (CONT'D)	D	W	M	S	A
INSPECT AND CLEAN COMPRESSOR AIR INLET FILTER					
MANUALLY OPERATE PRESSURE RELIEF VALVES CHECK SPEED ADJUSTER JAM NUTS ON MANIFOLD FOR TIGHTNESS					
CHECK ALL BOLTS FOR TIGHTNESS					
CHECK HOURS ON COMPRESSOR OIL - CHANGE EVERY 250 HOURS					
CHECK THE OIL COOLER FOR BUILDUP AND CLEAN AS NEEDED					
CHECK THE OPERATION OF THE HIGH TEMP. PROTECTION SWITCH					
CHANGE THE COOLANT FILTER					
CHANGE THE SEPARATOR CARTRIDGE					
CHANGE THE AIR FILTER ELEMENT					
VISUALLY CHECK DRIVE BELTS AND TENSIONING SPRING					
CHANGE THE COOLANT - USE IR ULTRA PLUS COOLANT					
AGGREGATE BATCHER / BINS / WATER SYSTEM	**D**	**W**	**M**	**S**	**A**
CLEAN ALL CEMENT AND AGG RESIDUE FROM ALL SURFACES					
CHECK GATE LIMIT SWITCHES FOR SECURE MOUNTING AND DEBRIS					
GREASE TAIL AND HEAD PULLEY BEARINGS					
CLEAN MATERIAL BUILDUP AROUND TAIL PULLEY					
INSPECT V-BELTS					
CHECK REDUCER FOR LEAKS					
CHECK ALL WATER CONNECTIONS FOR LEAKS					
CHECK BIN AND BATCHER FOR OBSTRUCTION OF FLOW					
CHECK AIR CYLINDER CLEVIS PINS FOR WEAR, BINDING AND SNAP RINGS					
GREASE BIN / BATCHER GATE GEAR QUADRANTS					
CHECK GATE LIMIT FOR SECURE MOUNTING AND FREE MOVEMENT					
CALIBRATE WATER METER FOR ACCURACY					
LUBRICATE ALL PIVOT POINTS					

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