

**Weekly
Preventive Maintenance Checklist**

Equipment:	Double Barrel Drum Mixer Plant	Date Issued:	10-16-2002
Additional Reference:	Equipment Operation and Service Manuals	Revised:	no
By:	Christian Johnson, Service Technician	Revision #:	0

Astec Service Department

WEEKLY MAINTENANCE SCHEDULE (APPROXIMATELY 50 HOURS)

COLD FEED SYSTEM

- GREASE (2-SHOTS), BEARINGS FEEDER PULLEYS
- GREASE (2-SHOTS), BEARINGS COLLECTING CONVEYOR PULLEYS
- GREASE (2-SHOTS), BEARINGS GRAVITY TAKE-UP PULLEYS
- GREASE (2-SHOTS), BEARINGS DIVERT CHUTE
- CLEAN ACCUMULATED DUST FROM POWER PANEL, CLEAN AIR FILTER

VIRGIN CONVEYOR AND SCREEN

- GREASE (2-SHOTS), BEARINGS CONVEYOR PULLEYS
- GREASE (2-SHOTS), BEARINGS GRAVITY TAKE-UP PULLEYS
- GREASE (2-SHOTS), BEARINGS DIVERT CHUTE
- PHYSICALLY CHECK SCREEN BOLTS TIGHTNESS, AND SIDE PLATES FOR WEAR
- CHECK WEIGHBRIDGE FOR MATERIAL OBSTRUCTIONS

DOUBLE BARREL DRUM MIXER

- CHECK OIL LEVEL, PLANETARY REDUCER, DRUM DRIVE (AT AMBIENT TEMPERATURE)
- GREASE (2-SHOTS), BEARINGS IN EACH THRUST ROLLER
- CHECK BURNER SPIN VANES FOR DUST BUILD-UP, ANGLE SETTINGS
- CHECK THE BURNER LINKAGES, SPIN VANES, AND VALVES
- GREASE (2-SHOTS) INLET CHUTE VIBRATOR, HIGH TEMPERATURE
- CHECK THE THERMOCOUPLES AND INFRARED SCANNERS FOR WEAR

BAGHOUSE

- GREASE (4-SHOTS) THE AIRLOCK PACKING GLAND
- OIL THE CHAIN OF THE AIRLOCK DRIVE
- GREASE (4-SHOTS) THE EXHAUST FAN SHAFT BEARINGS
- USING THE INSPECTION DOOR IN THE SIDE OF THE EXHAUST FAN, LOOK FOR DUST OR RUN SPOTS ON THE BLADES (INDICATING BAGHOUSE PROBLEMS)
- CHECK THE MANIFOLD WATER DRAIN VALVES, FOR WATER

SILO SYSTEM

- GREASE (2-SHOTS) ALL THE DRAG SHAFT BEARINGS
- GREASE (2-SHOTS) BOTTOM SILO GATE BEARINGS
- GREASE (2-SHOTS) BATCHER GATE BEARINGS
- CHECK THE OPERATION OF THE SILO BOTTOM GATE OVERRIDE SYSTEM

RECYCLE SYSTEM

- GREASE (2-SHOTS), BEARINGS FEEDER PULLEYS
- GREASE (2-SHOTS), BEARINGS COLLECTING CONVEYOR PULLEYS
- GREASE (2-SHOTS), BEARINGS GRAVITY TAKE-UP PULLEYS
- GREASE (2-SHOTS), BEARINGS DIVERT CHUTE
- GREASE (1 to 1½ oz.), CRUSHER BEARINGS
- CHECK SCREEN BOLTS FOR TIGHTNESS, AND SIDE PLATES FOR DAMAGE
- PHYSICALLY INSPECT THE CRUSHER HAMMERS FOR WEAR AND DAMAGE
- CLEAN ACCUMULATED DUST FROM POWER PANEL, CLEAN AIR FILTER

RAP CONVEYOR

- GREASE (2-SHOTS) BEARINGS CONVEYOR PULLEYS
- GREASE (2-SHOTS) BEARINGS GRAVITY TAKE-UP PULLEYS
- GREASE (2-SHOTS) BEARINGS DIVERT CHUTE
- CHECK WEIGHBRIDGE FOR MATERIAL OBSTRUCTIONS