

**Daily
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

DAILY MAINTENANCE SCHEDULE

COLD FEED SYSTEM

- CHECK THE GUARDS AT EACH DRIVE (BEFORE START-UP)
- CHECK V-BELT FOR V-BELT TENSION, DRIVE BELTS (BEFORE START-UP)
- CHECK THE AIR LINE LUBRICATOR FOR OIL LEVEL
- CHECK THE AIR LINE WATER SEPARATOR FOR WATER IN THE TRAP

VIRGIN CONVEYOR AND SCREEN

- CHECK THE GUARDS, AT EACH DRIVE (BEFORE START-UP)
- CHECK V-BELT FOR V-BELT TENSION, DRIVE BELTS (BEFORE START-UP)
- CHECK THE AIR LINE LUBRICATOR FOR OIL LEVEL
- CHECK THE AIR LINE WATER SEPARATOR FOR WATER IN THE TRAP
- CHECK OIL LEVEL AND FOR LEAKS IN THE VIBRATING UNIT OF THE SCREEN
- VISUALLY CHECK SCREEN DECK, CLOTH, SPRINGS, AND MOVEMENT

DOUBLE BARREL DRUM MIXER

- CHECK THE GUARDS AT EACH DRIVE (BEFORE START-UP)
- CHECK THE V-BELTS FOR TENSION, BELT DRIVES (BEFORE START-UP)
- CHECK THE DRIVE CHAIN OILER, OIL LEVEL (BEFORE START-UP)
- CHECK THE DOUBLE BARREL TIRES FOR THE DEVELOPMENT OF WEAR PATTERNS
- CHECK IF THE DRUM TIRE IS RIDING HARD AGAINST A THRUST ROLLER
- CHECK THE AIR LINE LUBRICATOR FOR OIL LEVEL
- CLEAN THE BURNER OIL STRAINERS

BAGHOUSE

- CHECK THE GUARDS, AT EACH DRIVE (BEFORE START-UP)
- CHECK V-BELT FOR V-BELT TENSION, DRIVE BELTS (BEFORE START-UP)
- CHECK THE DRIVE CHAIN TENSION, CHAIN DRIVES (BEFORE START-UP)
- GREASE THE HOPPER SCREW IRON HANGER BEARINGS AS FOLLOWS:
 - AT START-UP

- AFTER 4 HOURS TOTAL
- AFTER 8 HOURS TOTAL
- AFTER 12 HOURS TOTAL
- CHECK THE COMPRESSOR AIR FILTER (CLEAN AS NEEDED)

SILO SYSTEM

- CHECK THE GUARD, AT DRAG DRIVE (BEFORE START-UP)
- CHECK THE DRIVE TENSION, DRAG DRIVE (BEFORE START-UP)
- CHECK THE AIR LINE LUBRICATOR FOR OIL LEVEL
- SPRAY CHAIN LUBRICATION ON THE CHAIN AND SPROCKETS THROUGH THE LUBRICATION HOLE IN THE DRIVE GUARD

RECYCLE SYSTEM

- CHECK THE GUARDS, AT EACH DRIVE (BEFORE START-UP)
- CHECK V-BELT FOR V-BELT TENSION, DRIVE BELTS (BEFORE START-UP)
- CHECK THE DRIVE CHAIN TENSION, CHAIN DRIVES (BEFORE START-UP)
- CHECK THE AIR LINE LUBRICATOR FOR OIL LEVEL
- CHECK THE AIR LINE WATER SEPARATOR FOR WATER IN THE TRAP
- CHECK OIL LEVEL AND FOR LEAKS IN THE VIBRATING UNIT OF THE SCREEN
- CHECK SCREEN CLOTH, SPRINGS AND ITS MOVEMENT IN THE STRUCTURE
- VISUALLY INSPECT THE CRUSHER HAMMERS FOR WEAR AND DAMAGE

RAP CONVEYOR

- CHECK THE GUARDS AT EACH DRIVE (BEFORE START-UP)
- CHECK V-BELT FOR V-BELT TENSION, DRIVE BELTS (BEFORE START-UP)
- CHECK THE AIR LINE LUBRICATOR FOR OIL LEVEL
- CHECK THE AIR LINE WATER SEPARATOR FOR WATER IN THE TRAP