

**1000 Hour
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

TWICE A YEAR MAINTENANCE SCHEDULE (APPROXIMATELY 1,000 HOURS)

COLD FEED SYSTEM

- CHANGE THE OIL IN GEAR REDUCERS
- VISUALLY INSPECT BIN WALLS, AND WELDS FOR WEAR

VIRGIN CONVEYOR AND SCREEN

- CHANGE OIL IN GEAR REDUCERS

DOUBLE BARREL DRUM MIXER

- CHANGE THE OIL IN THE PLANETARY REDUCER
- RE-GREASE INPUT SHAFT SEALS, PLANETARY REDUCER
- CHECK THE DRUM FLIGHTS, FOR WEAR AND INTEGRITY

BAGHOUSE

- CHANGE THE OIL IN SCREW DRIVE REDUCERS
- CHANGE THE OIL IN THE COMPRESSOR
- CHANGE THE COMPRESSOR OIL FILTER
- REMOVE, CLEAN, RE-GREASE EXHAUST FAN SHFT BEARINGS (Recommended by the bearing manufacturers maintenance instructions)

SILO SYSTEM

- CHANGE THE OIL IN THE DRAG REDUCER
- RE-GREASE INPUT SHAFT SEALS, DRAG REDUCER
- CLEAN AND RE-GREASE DRAG HEAD AND TAIL SHAFT BEARINGS

RECYCLE SYSTEM

- CHANGE THE OIL IN THE REDUCERS
- OPEN, INSPECT, CLEAN, FLUSH, AND RE-GREASE CRUSHER BEARINGS
- VISUALLY INSPECT BIN WALLS, AND WELDS FOR WEAR

RAP CONVEYOR

- CHANGE THE OIL IN THE GEAR REDUCERS