

**500 Hour
Preventive Maintenance Checklist**

Equipment: Double Barrel Drum Mixer Plant

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- Additional Reference:**
- Hauck burner manual
 - Double Barrel Mixing Chamber Maintenance
 - Equipment Operation and Service Manuals

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EVERY TWO MONTHS MAINTENANCE SCHEDULE (APPROXIMATELY 500 HOURS)

COLD FEED SYSTEM

- CHECK EMERGENCY STOP SWITCH OPERATION ON ALL CONVEYORS

VIRGIN CONVEYOR AND SCREEN

- CHANGE OIL IN THE VIBRATING SCREEN UNIT
- CHECK EMERGENCY STOP SWITCH OPERATION ON ALL CONVEYORS

DOUBLE BARREL DRUM MIXER

- CHECK BURNER OIL TUBE AND NOZZLE ASSEMBLY, FOR OIL RESIDUE & CLEAN IF REQUIRED (SEE HAUCK BURNER MANUAL FOR INSTRUCTIONS)
- CHECK COMBUSTION AND CUP FLIGHTS IN DRUM

CAUTION!

The shell liners, tip castings, and the liners for the screw and paddle flights; need to be checked after each 50,000 tons of mix produced, for wear and material build-up inside the shell.

- If you run 150,000 tons a season, check them three times.
- If you run half a million tons a season, check them ten times.
- Check them by opening the hydraulic door in the side of the Double Barrel outer shell.
- It is important to the life of your Double Barrel that they are checked at this service interval
- See “Double Barrel Mixing Chamber Maintenance” instructions (Section G, Page-1).

BAGHOUSE

- REMOVE THE BEARING CAPS AND RE-GREASE THE AIRLOCK BEARINGS
- LOOKING THROUGH THE INSPECTION DOORS, CHECK BAGS FOR OILING

SILO SYSTEM

- CLEAN BUILD-UP AROUND SILO BOTTOM GATES
- VISUALLY INSPECT SILO WELDS
- VISUALLY INSPECT THE DRAG SPROCKETS FOR WEAR AND TIGHTNESS OF BOLTS

NOTE

Do the above sprocket check after 50,000 tons of mix is conveyed through the drag. The sprockets must be replaced after 150,000 tons to maintain your chain warranty.

RECYCLE SYSTEM

- OPEN DRAIN PLUGS IN CRUSHER BEARINGS, THEN REFILL (12 to 15 oz.)
- CHANGE THE OIL IN THE VIBRATING SCREEN UNIT OF THE SCREEN
- CHECK EMERGENCY STOP SWITCH OPERATION ON ALL CONVEYORS

RAP CONVEYOR

- CHECK EMERGENCY STOP SWITCH ON ALL CONVEYORS