SOUTH PRODUCTION NOTES

February 14, 2014
Midnight Shift

BASF EMPLOYEES
83 Last Recordable
228 Last Lost Time

CRT's: When we run #5 we will need to fill out the #5 bag house check sheet.
Bldg 31 is now regulated due to the running of the Si-1624 material

#1 MED Si-1624: **DOWN.** Work continues on the South end seal and sleeve. See picture. Bearing arrived late on 1st shift. Hope to have completed by Friday.

Day shift: Work continues on #1 mixer. Bearing came in late on 1st shift.
Afternoon Shift:
Midnight shift: No change, still working on mixer

#1 RC / Si-1624: All bags fed. Waiting for work on #1 mixer to finish before restarted.
Day shift: Waiting for work to finish on #1 mixer.
Afternoon Shift: Still Down.
Midnight shift: Still down

Exhaust to F-1

#2 MED line/ Cu-1230: **Maintenance installed a new chain on #2 dryer on Wednesday . Dryer is clean.**
Day Shift: No activity.
Afternoon Shift: No activity
Midnight shift: No activity

#2 RC/ Cu-1230: **Calciner down. The replacement gear box is ordered with a month lead time. Original prognosis was a gear box leak possibly due to overfilling. Calciner is off and has been reversed. This will be a rough clean up before going to the Cu 0860.**
Day shift: No activity.
Afternoon Shift: No change
Midnight Shift: No activity

Exhausting to CTO

#3 MED line / D-1799: **Running D-1799 through the dryer. Maintenance is done working on mixer end seals. Make sure that we empty the drum under dust collector #3 on a regular basis (it was emptied this afternoon).**
Day shift: Continued to feed dryer.
Afternoon Shift: Continue
Midnight Shift: Continue

#3 RC/ D-1799 NAQ: **Calciner is running.**
Day shift: Continued to run. Keep rate up.
Afternoon Shift: Continue
Midnight shift: Continue

Exhausting to CTO

Old Pfaudler – D-1799 NAQ: **Continue .**
Day Shift: Valve for tank 7 is stuck. Kirk tried to work on issue but will need maintenance assistance. No batches made. Maintenance hopefully can fix early on 2nd shift.
Afternoon Shift: Maintenance worked on valve but still have to manually operate pump at tank. Continue with batches from lot 5
Midnight shift: Continue with batches from lot 5

Tank 7 / AMT for D-1799 NAQ: **Monitor tank's temperature.**
Day shift: Valve for tank 7 is stuck. Kirk tried to work on issue but will need maintenance assistance. . Maintenance hopefully can fix early on 2nd shift.
Afternoon Shift: Maintenance worked on valve but still have to manually operate pump at tank. Continue with batches from lot 5

Midnight shift: Tank nearly empty…making a 3 bag batch on midnight shift (cannot find any more bags). Check with Grodecki/Hebb for more AMT.

New Pfaudler / V-2045 next: Pfaudler is ready to go.
Day shift: Pfaudler is ready to go. Waiting for tank to be made and to get the results from the lab.
Afternoon Shift: Working on tank, will need to get sample to lab before starting
Midnight shift: Waiting for lab analysis
Tank 6 / Cleaning for V-2045 solution: Making V 2045 solution.
Day shift: Still need to add 16 drums of vanadium and then an additional 80 Lbs.
Afternoon Shift: Working on tank, will need to get sample to lab before starting
Midnight Shift: Finishing first solution tank, sample taken to lab

National Dryer / : Cleaning.
Day shift: No activity.
Afternoon shift: Additional cleaning performed on discharge end.
Midnight shift: No activity this shift

#4 RC / Ni 2458 (2nd dip): Restarted feed Thursday afternoon after recirc #1 gpm corrected (was too low). Pump OK now, continue feeding.
Day shift: Continued on. Worked on bringing up the feed rate throughout the shift.
Afternoon Shift: Restarted feed, continue
Midnight shift: Continue…there are 4-5 full bags, and 1 partial left to feed

Exhaust to Trimer

PK Blender / 1520: Continue 1520, use 118 bags. We need to get 6 batches out of the PK. May need to add personnel to reach goal. Batches are being placed in warehouse aisles: J1/J4/M5/B2/and aisle between A and B. Use solution directly from 107 tank, then transfer 4 tank to 107 tank when 107 empty enough and then continue making new batches in 4 tank.
Day shift: Continued on. Sump was sampled and can be sent to waste water.
Afternoon Shift: Continue
Midnight shift: Continue
HC-11 Tanks – 1520: Tank 6 was inspected and multiple issues found with glass missing on the tank and on the agitator itself. Keep making solution in T-4, pump to 107 tank and use 107 tank as your tote-off tank for the PK. It is ok to pump batches from 4 on top of current batches in 107. Then continue making next 1520 solution in 4 tank.
Day shift: Only worked on Copper tank before manpower was pulled.
Afternoon Shift: Making next batch in 4 tank.

Midnight Shift: 4 tank batch (149) finished, approximately 3 totes of batch 148 still in 107 tank. When a tote or two are filled, should be able to transfer 4 tank to 107 tank and make the next 1520 in 4 tank (day shift). Also, pumped 7 totes Cu Nitrate into 2 tank.

#5 RC / OxyVinyl Catoxid: Temps coming up on calciner, planning to restart on days shift Friday. Also, REMEMBER, we have to continue to feed alternating batches of material (1 bag above Batch 7083 and 1 bag below Batch 7083). A new HOURLY CHECK sheet is available – please use it from now on.

Day shift: D. L. Page re-assembled duct work over #5a dust collector Thursday morning.
Afternoon shift: Buttoned everything up, relighting calciner. Plan is to start feeding on day shift.
Midnight shift: Still bringing temps up, feed will start day shift when engineers are here.

Exhaust to 5DC when feeding

Tower 3 / Cu-1230: Towers are finally running. Mass spec has been installed and it is working. Maintenance will be done on Monday.
Day shift: Running.
Afternoon shift: Continue
Midnight Shift: Continue

Tower 6 / Cu-1986: Towers are finally running. Mass spec has been installed and it is working. Maintenance will be done on Monday.
Day shift: Running.
Afternoon shift: Continue
Midnight Shift: Continue

Harrop Kiln - Al-3921 T 3/16": Down… saggers have been removed, screener parts at TK#2
Day shift: Down
Afternoon Shift: Down
Midnight Shift: Down.

North Screener / Cu 1230: Screener switched to Cu 1230
Day shift: Ready for Cu-1230
Afternoon Shift: No change.
Midnight shift: No change.

South Screener / Cu 1986: Done until another tower comes down.
Day shift: Started up screening.
Afternoon Shift: Continue
Midnight shift: Continue screening

#6 - RC / D-0756: **Down**
Day Shift: Down
Afternoon shift:
Midnight shift: Down.

Exhaust to Sly Scrubber

Tunnel Kiln #2 / V-2045 is next: **Saggers have been switched to Vanadium saggers.**
Day shift: Down
Afternoon Shift:
Midnight shift: No activity…check with Production team on TK 2 status for firing up.

Tunnel Kiln #4 / Cu-0540 done: **HOLD**
Day shift: No activity
Afternoon Shift: Down.
Midnight shift: Down.

#2662 Pill Machine / Al-3917 3/16: **Finished. Holding for decision to switch to 3915.**

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Priorities 1 through 6 are basically all the same priority, should be considered urgent and will require call outs for maint issues.
1) Cu-1230 E 1/16 3F RS & Cu-1986 TRL - Reduction Towers
2) D-1799 NAQ - East Pfaudler/#3 P&S/#3 RC
3) 1520 Impregs - PK/HC-11 Tank Make Up
4) Catoxid - #5 RC
5) Ni-2458 E - West Pfaudler/National Dryer/#4RC
6) Si-1624 E - #1 MED/#1 RC
7) Clean #2 P&S Dryer
8) Clean #2 MED Line