SOUTH PRODUCTION NOTES

February 17, 2014
Day Shift

BASF EMPLOYEES
86 Last Recordable
231 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 as we are running the Si-1624 material
Work order is in to repair pump 717 in WWTP

#1 MED Si-1624: Back up and running. Be sure to wear you respirators. 3 bags on 2nd floor need re-fired.
Day shift:
Afternoon Shift: Continued.
Midnight shift: Continued.

#1 RC / Si-1624: Calciner is up and running. We have used the calciner start up check list sheet.
Day shift:
Afternoon Shift: Continued.
Midnight shift: Continued.

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 activity
Midnight Shift: No activity

Exhausting to CTO

#3 MED line / D-1798: **We need a quick clean up of the MED and begin extruding the D-1798. REMEMBER, we are using beta zeolite up on the third floor – this will need to be set up as well with scale.**
Day shift:
Afternoon Shift: Started the light clean up of the MED line – mixer, pulva and extruder are good. We need to continue vacuuming the dryer.
Midnight Shift: Finished cleaning Dryer-could not find lock box until 3:30am –was in corner of 1st floor lab with no lock on the box or name. Dryer temperature coming up.

#3 RC/ D-1799 NAQ: **Calciner is running. When all D-1799 NAQ material has been run through the calciner remember to lower temps and reverse it. We are going to bring temps right back up and start feeding D-1798 material.**
Day shift:
Afternoon Shift: Continue to feed. Calciner kicked out a couple of times.
Midnight shift:

Exhausting to CTO

Old Pfaudler – D-1799 NAQ: **All Lot 5 material has been used.**
Day Shift: On hold.
Afternoon Shift: No activity.
Midnight shift:

Tank 7 / AMT for D-1799 NAQ: **Monitor tank's temperature. Reminder - unable to fix valve at bottom of tank 7.**
Day shift: Monitor tank.
Afternoon Shift:
Midnight shift: No change.

New Pfaudler / V-2045 next: **We are using the solution without the agitator. Try to keep tank SPG between 1.25 and 1.28. Be sure to use the solution shortly after toting it off to avoid crystallization.**
Day shift:
Afternoon Shift: Started to make the first batch using 16% vanadium per John Bodmann as long as the Spg is between 1.27 and 1.29. A sample of the reconstituted tank has been sent to the lab for additional testing in the morning.
Midnight shift: Steam is off at 5:45am-should be ready to drop at 7:30am .

Tank 6 / V-2045 solution: **V-2045 solution has been made. KEEP AN EYE ON THE TEMPERATURE AND CHECK SPG ONCE PER SHIFT – NO EXCUSES.**
Day shift:
Afternoon Shift: Solution on the tank is good. Sample taken to the lab for verification.
Midnight shift:

National Dryer / : Cleaning.
Day shift:
Afternoon shift: No activity. Should be ready for contractor cleaning.
Midnight shift: Ready to soda blast.

#4 RC / Ni 2458 (2nd dip): **Calciner has been reversed. Will need cleaning instructions.**
Day shift: No change.
Afternoon Shift: Calciner is off.
Midnight shift: No change.

Exhaust to Trimer

PK Blender / 1520: **Continue 1520, use 118 bags. BE SURE TO CLOSE THE BOTTOM OF THE 7005 BAGS BEFORE PUTTING THEM IN THE GREEN BUGGIES (POWDER NEXT TO DRAIN LEADING TO THE NORTH SLUICE GATE/RIVER.)**
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:
Afternoon Shift: Continued to make batches.
Midnight shift: Continued/used all raw materials –more should be here Monday. B-9 is clean

HC-11 Tanks – 1520: **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:
Afternoon Shift: Transferred batch 151 to T-107. Started the next batch.
Midnight Shift: Tank 4 is completed.

#5 RC / OxyVinyl Catoxid: **Running. Also, REMEMBER, we have to continue to feed alternating batches of material (1 bag above Batch 7083 and 1 bag below Batch 7083).**
Day shift: Continued on. Replaced Hepa.
Afternoon shift: Continued on.
Midnight shift:

Exhaust to 5DC when feeding

Tower 3 / Cu-1230: **Tower was unloaded and reloaded and is on hold for maintenance on Monday.**
Day shift: Loaded tower. On hold.
Afternoon shift: On hold.
Midnight Shift: Holding.

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:
Afternoon shift: Continued.
Midnight Shift: Compressor belts came off at 2:55am.-Maint called and email sent/work order is in. Belt was replaced at 3:45am. Tower re-started at 5am. Building temps back up.

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

North Screener / Cu 1230: **Screener switched to Cu 1230**
Day shift: Continued.
Afternoon Shift: Continuing.
Midnight shift:

South Screener / Cu 1986: **Continue.**
Day shift: Continued.
Afternoon Shift: Continuing.
Midnight shift: Continued.

#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: Holding temps at 200.
Afternoon Shift: Started to light up calciner but was instructed not to.
Midnight shift: Holding.

<u>Tunnel Kiln #4 / Cu-0540 done:</u> **HOLD**
Day shift:
Afternoon Shift:
Midnight shift: Down.

<u>#2662 Pill Machine / Al-3917 3/16:</u> **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**