SOUTH PRODUCTION NOTES

August 8, 2014
Midnight Shift

BASF EMPLOYEES
40 Last Recordable
403 Last Lost Time

Building 9, 16 and 31 are regulated. Get All Required Samples and Surface Areas

#1 MED / Al-5645:

Continue to run batches. Turned the cooling water to the barrel on the extruder – it was turned off – leave it on.
Midnight shift:
Day shift: Continue after re-tightening motor guard on Cleveland vibrator and inspecting the dust collector/scrubber diverter valves on the mixer. OK now…monitor F1 stack to be sure no powder discharges are occurring.
Afternoon shift: Continued to run.

#1 RC / Al-5645:

Continue to feed. Still high NOx product, so be aware of and routinely monitor suction and Trimer status.
Midnight shift:
Day shift: Continue
Afternoon shift: Continued.

Exhaust to Trimer

#2 MED line/ Cu-0860:

We are to begin mixing batches on midnight shift. When we re-start the line we will still need to continue to check every batch before dropping per J. Bodmann. DC #2 work (blow downs) completed.
Midnight shift:
Day Shift: Hold until lab analysis from Wednesday batches.
Afternoon Shift: Instructions from the engineer are to begin mixing batches again on midnight shift and feed only these batches to the calciner. Continue to get all the required samples(see Bodmann e-mail instructions).

#2 RC/ Cu-0860:

Continue to feed and see Bodmann's e-mailed sample instrutions.
Hold onto and do not feed bags roped off until advised.
Midnight Shift:
Day Shift: Restarted calciner feed for the 3 batches made on Wednesday afterenoon/night. Sampling instructions emailed by John Bodmann and printed copy with calciner operators.
Afternoon shift: Continued to feed.

Exhaust to F1

#3 MED / D-0702:

Continue on. Plows on the mixer were adjusted. We need to make sure that the mixer is empty at the end of every batch please. Mixer will be deemed empty when amps reach 68.
Midnight Shift:
Day shift: Continue. John Bodmann will advise by Friday on how many more batches to make.
Afternoon Shift: Continued and had issues with a very wet batch. It was shoveled out of the mixer and all wet mix will need to be worked in at a half a drum per batch. We also had issues with the chiller faulting out.

#3 RC / D–0702:

On hold. Waiting for feed. After verification with engineer, we should not run directly from the dryer to calciner with the exception of when we are changing bags.
Midnight shift:
Day shift: Continue
Afternoon Shift: Continued to feed.

Exhaust to CTO-is in Automatic

#5 RC / Cu-3818 done for now, Cu-0539 next:

NOTE: do not feed any more bags of copper carb to #5. We need to purge the calciner and dust collector of all 3818, then we will inspect the DC bag house on Friday. Planning to change over to Cu-0539, possibly late in the day Friday
Midnight Shift:
Day shift: Stopped feed, need to purge calciner, dust collector and feed hopper of all material (see above)
Afternoon shift: Continued.

Exhaust to 5A DC

New Pfaudler / Cr-5655 SNAP done, D-1145 SNAP next:

Continue until we get enough Al 5645 off of #1 RC in pass. There is only enough AL 5655 left for two more batches. Watch the level on the chromic acid tank. We should not have to shut down the pfaudler to make a tank. It can be made on the same shift that we run the pfaudler. Should make 2 Batches per Shift.
Midnight shift:
Day shift: Down, waiting for chrome pump to either be repaired or changed out for bas seal (hopefully by Friday)
Afternoon Shift: On hold. Chrome pump is still leaking.

National Dryer / Cr 5655 done, Cr-1145 next:

Continue feeding as material is available. Target = 700 lbs. per hour.
Midnight Shift:
Day shift: Out of feed, need instructions on any clean-up needed for Cr 1145
Afternoon Shift: No clean up needed on the dryer.

#4 RC / Cr 5655:

Continue to run and watch that the bags being used do not cone up at the end.
Midnight Shift:
Day shift: Working on syntron, restart when ready
Afternoon Shift: Continued to run.

Exhaust to 4A DC

Old Pfaudler / Clean for D-1795 (CEHW was cancelled):

Continue with the clean up plans.
Midnight Shift:
Day Shift: No change. D-1795 not scheduled for several weeks.
Afternoon Shift: No change.

#6 RC / Clean for D 5202 (CEWH was cancelled):

Need to do a really good clean up on slide gate at the discharge end as well as rinsing the dryer, cleaning the screener, and finishing the spiral.
Midnight shift:
Day Shift: Back together with screens for 5202….need to set-up discharge. Start calciner (not dryer – we will use the belt to transport only) and move repacked buggies of Microsorb to dryer feed end on 2nd floor. When up to temp, begin feeding.
Afternoon shift: Lighting calciner. Had issues controlling calciner temperatures for a while. Coming up to temperature.

Exhaust to Sly Scrubber

Tower 3 / Cu-1986:

Continue On.
Midnight Shift:
Day shift: Continue

Afternoon shift: Continued.

Tower 6 / E-474:

Continue on
Midnight Shift:
Day shift: Continue
Afternoon shift: Continued.

North Screener / Cu 0860:

Continue On.
Midnight shift:
Day shift: Continue
Afternoon Shift: Continued.

South Screener / Cu 0860:

Continue On.
Midnight shift:
Day shift: Continue
Afternoon Shift: Continued.

#2662 (west) Pill Machine / Zr-0403 1/8:

West machine re-assembled, starting back up.
Midnight shift:
Day Shift: Re-assembled west machine, dry running and will try to restart.
Afternoon shift: Down. Work order written for the Allen head cone disc for the ejection roller.

#2664 (east) Pill Machine / Zr-0403 1/8:

Continue running. DC back together, pill machine in place. West machine was tested and looked / sounded good. Bag #6 was handpicked and was completed.
Midnight shift:
Day Shift: Trying to run, having fault issues. Work order submitted for electrician to inspect and repair.
Afternoon shift: Continued to run.

TK #2 / V 2046 blends:

Continue with blends
Midnight shift:

Day Shift: Continue…3 bags on the floor and north end should be blending more this evening.
Afternoon shift: Continued.

PK Blender / Pill Mix:

On hold until we get more sterotex.
Midnight Shift:
Day shift: No change.
Afternoon shift: No change.

Abbe Blender:

HOLD. Waiting on next run.
Midnight shift:
Day shift: Hold
Afternoon Shift:

Building 27 Belt Filter / Cu-5020 Trials next week:

On hold.
Midnight shift:
Day shift: Acid water added to 107 tank and recycling between 107 and 2 tanks. Hold further activity until Friday.
Afternoon Shift: No change.

Miscellaneous:

1. **Work notification has been written to repair the handles on the doors of all of the mixers. Most of the doors have broken eyelets. We cannot hook the chains and then can't hold the doors up while inspecting the mixes. (UPDATE: #2 mixer door handles repaired. Will schedule #1 and #3 when they become available).**
2. **Work notification has been written to fix the horn on the alumina gel forklift and the smoking on the 474 forklift at the towers.**
3. **All Cr-5655 has been repacked. The last bag (partial) will be fed at the end of the run. It has been clearly marked by RN. Don't loose it.**

Sampling requirements when we restart on MED #2:
Mixer: MUST be checked before dropping - then get a sample of the wet mix and seal it up so it stays wet – all batches please.
Dryer: Every batch off the dryer must be sampled.

<u>Calciner:</u> Run empty before feeding this material, then using the same temp setpoints as before start calcining it. Get a SA on the material off the calciner about 20 minutes after it first exits the calciner. Adjust the temps to get SA in spec or call Bodmann for advice. SAMPLE off the calciner BEFORE spiral once per hour. Sample off the BAG if possible as well (or at least every bag change).

Priorities 1 through 8 are basically all the same priority, should be considered urgent and will require call outs for maint issues and/or processing issues.

1) Reduction Tower Screeners
2) Reduction Towers
3) #3 Line/#3RC
4) West Pfaudler/National Dryer/#4RC
5) #1 Line/#1 RC
6) #2 Line/#2RC
7) #5 RC
8) Horne Tabletting
9) Clean up East Pfaudler/HC-11 Dryer/Calciner