SOUTH PRODUCTION NOTES

August 9, 2014
Midnight Shift

BASF EMPLOYEES
41 Last Recordable
404 Last Lost Time

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

#1 MED / Al-5645:

If we are able to get the auger in we can 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: Instructed to pull and exchange auger (#14 pulled) however could not get #15 installed. Bodmann advised to bring the remaining two augers to department (#16, 100% and #20, 88%) and try again - #16 first.
Afternoon shift: Pulled the barrel and attempting to put the auger in and then the barrel afterwards(this is how it was done before). The "cup" in the back seems to be misaligned or slightly angled.

#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: Stopped mid-shift to inspect exhaust line to Trimer (suction was dropping). Line was cleared by Trimer, feed resumed.
Afternoon shift: Continued to run with no issues.

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: Waiting on lab results and John Bodmann's advise to restart.
Afternoon Shift: No change. Instructed to start on midnight shift.

#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: Started feed of 4 batches from last night. Use same sampling instructions that Bodmann provided Thursday (2 hr grab before spiral, normal bag off screener, and once or twice per shift from the top of screener)

Afternoon shift: Continued to feed and get all samples. Getting good results from the batches made the last few days.

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. Will either run out of zeolite or get confirmation from Bodmann when to stop. Should be approximately 20 more batches.
Afternoon Shift: continued to run.

#3 RC / D–0702:

Continue to 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: Restarted feed, continue
Afternoon Shift: Continued feeding.

Exhaust to CTO-is in Automatic

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

Waiting for the go ahead from the engineer. Planning to change over to Cu-0539, possibly late in the day Friday
Midnight Shift:
Day shift: All 3818 material was purged from dust collector bag house and vac-u-max. Will look into calciner drum and verify condition, then advise Bodmann for confirmation on what to do. 0535 is staged in warehouse, will need to set up discharge end of calciner when all material has been confirmed purged and calciner ready per Bodmann.
Afternoon shift: No word from engineer on when to start and do not have the manpower to run all calciners on this shift.

Exhaust to 5A DC

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

Down until we get the chrome pump replaced. Informed by Seve N. we will not be getting a pump until early next week at best. There is only enough AL 5655 left for two more batches when we restart. 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 bad seal.
Afternoon Shift: Informed by Seve N. we will not be getting a pump until early next week at best.

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

Continue feeding as material is available. Target = 700 lbs. per hour.
Midnight Shift:
Day shift: No activity
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: Continue. Approx 18 bags left to feed
Afternoon Shift: Continued.

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 / D 5202

Continue to feed and make sure we get people scheduled to repack the buggies. Watch dryer and calciner feed rate.
Midnight shift:
Day Shift: Started feed mid day shift. Discharging material near end of shift…adjust syntron to get MOD rate. Will need to keep up with repacking Microsorb into the square buggies.
Afternoon shift: Continued to feed. Adjusting feed rate and getting dryer belt speed in sync with the calciner feed rate.

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: Coming down beginning afternoon shift. No sheave change, however we will be switching to Cu 1986.
Afternoon shift: Unloading on second shift. Washing down tower. Should be ready to load on midnight shift.

North Screener / Cu 0860:

Continue On.
Midnight shift:
Day shift: Continued. First tote to go empty, change screener over to E 474
Afternoon Shift:

South Screener / E-474:

Continue On.
Midnight shift:
Day shift: Continued. First tote to go empty, change screener over to E 474
Afternoon Shift: This screener was the winner. Switching over to E-474.

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

Continue running. Allen head cone disc was looked at by maintenance and is now operable...enough.
Midnight shift:
Day Shift: Down for work order to allen head cone disc
Afternoon shift: Continued to run. No issues.

#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: Continue
Afternoon shift: Continued to run. No issues.

TK #2 / V 2046 blends:

Continue with blends.
Midnight shift:
Day Shift: Continue
Afternoon shift: Continued to run.

PK Blender / Pill Mix:

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

Abbe Blender:

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

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

On hold.
Midnight shift: No activity.
Day shift: Lines unplugged around tanks, operator working on acid washing tanks 3-6. Continue into afternoon and try to finish up Sat or early Sun. See Jeff Lewis' email regarding 5020 Strikes for early Monday. Art Hribar will be providing priority list for weekend.
Afternoon Shift: See e-mail from Noemi for preparations over the weekend for Monday morning.

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.
Calciner: 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