SOUTH PRODUCTION NOTES

December 13, 2013
Day Shift

BASF EMPLOYEES
161 Last Recordable
180 Last Lost Time

Alumina Gel and building 9 are regulated areas due to Vanadium

CTO Dust Collector filters have been replaced.

#1 MED Al-5637: Ready for Al-5637.

#1 RC / Clean for Al-5637: Continue cleaning for Al-5637.

Exhaust to Trimer

Midnight Shift: Calciner vacuumed and then flushed with water. Will need to have the engineer check the thermowell to see if the remaining material in that tube is ok.

Day shift:

#2 MED line/ D-0768: Cooling water has been re-connected to the extruder (not the mixer), the floor openings have been closed around the mixer, and the drive-side end seal has been changed. Batches have restarted after getting the dryer spreader arm belt repaired. There are 5 bags on the floor that need to be inspected and hand screened. First attempt to screen-out the D-1795 scattered material in the D-0768 bags did not go well. This material will have to be hand-picked…will work on it this weekend.

Midnight shift: No change. Did not run.

Day Shift: Ran one batch and shut down the extruder while work was being performed over and by pulva feeder. Scheduled to re-start on second shift when contractors are done.

#2 RC/ D-0768: Continue refeeding the oversize Chevron bags on the 2nd floor. When these are done, bring temps back to normal for feeding the newly extruded material from MED #2. Remember…starting with Lot 226 bag 8 up to Lot 227 bag 5, mark the existing log sheet with a check-mark for these bags, as they are already counted in SAP and on the greensheet.

Midnight shift: Continuing on feeding the Chevron material. There are another 3 bags remaining.

Day shift:

Afternoon Shift:

Exhaust to TRIMER (having issues swith CTO)

#3 MED line / D-1794 NAQ: **Continue. The extruder started doing its thing again on 2nd shift Tuesday (kicking out here and there) and continued early on midnight shift. When extruder is shut off the local disconnect needs to be reset in order to reset.**
Midnight shift: Continued on. When extruder is shut off the local disconnect needs to be reset in order to reset.
Day shift: Continue running.
Afternoon Shift: Continued.
#3 RC / D-1794 NAQ: Continue feeding (exhaust to the Trimer)
Exhaust to TRIMER (having issues with CTO)
Midnight shift: Continued on.
Day shift: Continue running to Trimer.
Afternoon Shift: Continued.

Abbe Blender / D-5206: Continue on.
Midnight shift: Continued on.
Day shift: Down for contractors.
Afternoon Shift: Started making batches again.

National Dryer / 5206 : Continue to feed as batches come from the Abbe.
Midnight shift: Continued on. Noticed some wet material coming from the abbe at the beginning of the shift. Keep an eye on the hopper.
Day shift: Continue as material is available.

#4 RC / D-5206: Bringing down for maintenance Thursday.
Exhaust to 4 DC
Midnight shift: Calciner shut off for maintenance.
Day shift: Calciner shut down while work is being done.

HC-11 Tanks / Cu 5020: Continue on when they notify us. There is a pallet of Britesorb samples that were returned to the department (HC-11). At least one box contains 1 gallon (4 lb) pails. Per Noemi Trent, please add one of these to each strike batch in 4 tank.
Midnight shift: Continued on. 3 strikes made.
Day shift: Strikes Ok, running
Afternoon Shift:Continued. 3 strikes made.

PK Blender / 1520: Impreg batches complete…we will now repack the remaining uncalcined 1520 through the PK and into 111 bags so this material can all ship out.
Midnight shift: No change. Did not run on midnight.

Day shift: All repacking has been completed.
Afternoon Shift: No change.

<u>#5 RC / 1520 done, 4011 next:</u> Calciner down for maintenance on Thursday. Instructions are to purge out the DC blowdowns and feed hopper into 111 bag (same as what we are doing at the PK in building 9) . A 111 bag is already in place. When we get the calciner back, we will switch to 4011

Exhaust to Trimer

Midnight shift: Down for maintenance.
Day shift: Shut down while maintenance works on it.
Afternoon Shift: No Change

<u>New Pfaudler / BE-0101:</u> Need to use RO unit for batches…DI unit tanks are empty. Will need to go back to making 2 batches a shift, one shift a day when we get both kilns running.
Midnight shift: 1 batch made. Will need to be unloaded on day shift.
Day shift: No batches made but scheduled to run a batch on second shift.
Afternoon Shift: Started making batches. Batch was dropped/Pfaudler is empty.

<u>Old Pfaudler D-0756:</u> Continue on. Need to use RO unit for batches. Be sure to keep the 6 bags next to #1 calciner on hold that were unloaded from the batch that had dried material in it.
Midnght shift: Continued on. Batch was made.
Day shift: Batch made.
Afternoon Shift: Continued/3 buggies full/hopper full/Pfaudler is empty.

<u>#6 - RC / D-0756:</u> Continue to feed calciner and watch the feed rate. The leveling bar was raise and the bed depth is now higher than it was earlier in the run. Belt was adjusted to 45, keep an eye on the feed rate and adjust belt speed and syntron as needed. We will get more material to run through now…just need to watch it and make the proper adjustment.

Exhaust to Sly Scrubber

Midnight shift: Continued on. Feed rate at 258.
Day Shift: Rate still at above 250 hrs (258 / 260).
Afternoon Shift: Continued.

Tower 3 / Cu-0860: Continue on. Loaded and running.
Midnight shift: Continued on.
Day shift: Continue.
Tower 6 / E-406: Continue on.
Midnight shift: Continued on.
Day Shift: Tower unloaded and reloaded with Cu-0860.

Harrop Kiln - Al-3921 T 3/16": Continue running. The automatic pusher at the cool down zone in the Kiln still not working. It appears as if the clutch is disengaging while pushing carts. Work notification written for one of the blowers on the kiln (#5 blower stopped working). NOTE: make sure we are using 45" pallets for the bags coming off of the kiln.
Midnight shift: Continued on. 1 and a partial left.
Day shift: Continue until the last of the bags have been loaded. We will then unload and then start bringing temps down until off.

North Screener / Cu-0860: Continue on.
Midnight shift: Continued on.
Day shift: Continue.
Afternoon Shift: 5 totes left to screen.
South Screener /Switch to E-406: Continue on.
Midnight shift: Finished the change over and began screening.
Afternoon Shift: 7 totes to screen.
Day shift: Continued until Cu-0860 is empty.

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

#2664 Pill Machine / Al-3917 3/16: Finished. Holding for decision to switch to 3915.
Midnight shift: Continued cleaning/PMing machine.
Day shift: No change.

Tunnel Kiln #2 / BE-0101: Set up for BE 0101
Midnight shift: Continued bringing temps up. Should be ready to load around 11am. Charley Fern is still working on the screener(replacing motor).
Day shift: Saggers have been switched and the kiln has been lit.
Afternoon Shift: Bringing Temps. Up/extra screener does not work-plugged in-does not come on. Maintenance is looking at it.

<u>Tunnel Kiln #4 / BE-0101:</u> Continue loading/unloading. ..1 scoop per sagger-12 pounds.
Afternoon shift: Continued on. 2 bags on the floor.
Day shift: Continue….
Midnight shift: 3 and a partial bags on the floor, plus a batch will be unloaded on day shift.

Additional Notes:

***TRIMER: please be sure to monitor the sodium sulfide needs for the Trimer.**

***NOx: keep an eye on the suction readings on calciners #2 and #3. Need around .25-.30 to maintain good suction.**

***Someone is adding wet mix to the HAZ drum between #2 and #3 extruders! That is not what the drum should be used for.**

CTO blocks are in but a broken sensor needs replaced. CTO dust collector is complete.