SOUTH PRODUCTION NOTES

December 12, 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: Continue cleaning for Al-5637.

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

Exhaust to Trimer

Day shift: Need to put spiral back together and find sand to run through calciner.
Afternoon shift: Assigning extra person to work on finishing items to get ready for Al-5637 (vacuum side chute on calciner, flush calciner with water, quick vacuum feed end of dryer, close up P&S spiral). No sand needed for flushing, per John Bodmann.
Midnight Shift: MED clean up finished. Should just need a walk through by the floor CRT.
The calciner will need the syntron cleaned and the calciner flushed with water.

#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 ion it this weekend.
Day Shift: On hold, spreader belt issues
Afternoon shift: Belt repaired, batches restarted. NOTE: do not feed any newly made material to the off of the extruder/dryer into the calciner until the reefed/rescreened material in the Chevron bags are completed.
Midnight shift: Continued on. The mixer is getting hot. We are letting it cool down between batches until we can get the cooling water hooked up.

#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.
Day shift: Getting temps down to feed oversize material
Afternoon shift: Continue feeding the Chevron bags on the 2nd floor.

Midnight shift: Continuing on feeding the Chevron material. There are several bags remaining on the 2nd floor.

Exhaust to TRIMER (having issues swith CTO)

#3 MED line / D-1794 NAQ: Continue. The extruder started doing it's thing again on 2nd shift Tuesday (kicking out here and there) and continued early on midnight shift. It has run well since then.
Day shift: Restarted. Had issues with extruder shutting of several times. Ok now.
Afternoon shift: Continue on.
Midnight shift: Continued on. When extruder is shut off the local disconnect needs to be reset in order to reset.
#3 RC / D-1794 NAQ: Continue feeding (exhaust to the Trimer)
Exhaust to TRIMER (having issues with CTO)
Day shift: Continue running to Trimer.
Afternoon shift: Continue feeding bags.
Midnight shift: Continued on.

Abbe Blender / D-5206: Continue on.
Day shift: Down for contractors.
Afternoon shift: Continue on.
Midnight shift: Continued on.

National Dryer / 5206 : Continue to feed as batches come from the Abbe.
Day shift: Continue as material is available.
Afternoon shift: Continue on.
Midnight shift: Continued on.

#4 RC / D-5206: Bringing down for maintenance Thursday.
Exhaust to 4 DC
Day shift: Continue-watch feed rate.
Afternoon shift: Shut off…coming down for maintenance on Thursday morning,
Midnight shift: Calciner shut off for maintenance.

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.
Day shift: Strikes Ok, running

Afternoon Shift: Continue on. See Britesorb note above.
Midnight shift: Continued on. Copper is currently running slow.

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.**
Day shift: Continue repacking
Afternoon shift: No repacking done on afternoon shift. Need to verify how much is remaining to repack, and also need to look at how to repack the 8 drums of uncalcined material (how to do it safely without making a dusty mess).
Midnight shift: No change. Did not run on midnight.

#5 RC / 1520 done, 4011 next: **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

Day shift: DOWN. We will need to run RC 5 empty and repack remaining 1520 into line bags in B-9
Afternoon shift: Bringing calciner down. When cool enough, run out any material from blow downs and the remaining material in the feed hopper (see above). Must be done midnight shift and ready to hand over to maintenance Thursday morning.
Midnight shift: Remaining material was run through the calciner and is being shut off for maintenance this morning.

New Pfaudler / BE-0101: **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.**
Day shift: 2 bags on floor, continue.
Afternoon shift: Batch was made on afternoon shift. Continue as tunnel kiln needs (check bags at TK). NOTE: we are in the process of getting TK #2 on line for BE 0101.
Midnight shift: No change. 3 bags on the floor in the kilns.

Old Pfaudler D-0756: **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.**
Day shift: No batches made (personnel). Will make next batch afternoon shift.
Afternoon shift: Continue on. Batch 1491 was made afternoon shift, and can feed at 8:40 am. Anything before that can feed immediately.
Midnght shift: Continued on. Batch was made.

#6 - RC / D-0756: 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

Day Shift: Still having issues with lbs/hr. May be depth of material (spreader bar adjustment?)
Afternoon shift: Adjustment made to spreader bar. Will need to monitor lbs/hr and make sure nothing dumping on feed end or backing up in dryer chute. Belt was set at 45 and rate went up to 350 lbs/hr… bringing belt back down to 40 and will monitor rate on 11-7 shift.
Midnight shift: After monitoring the feed rate the dryer bed has been slowed down to 30 and the feed rate is at 270 lbs/hr.as of 6:30 am.

Tower 3 / Cu-0860: Continue on. Loaded and running.
Day shift: Continue, 2.5 days to go at least.
Afternoon shift: Continue on.
Midnight shift: Continued on.

Tower 6 / E-406: Continue on.
Day shift: Continue on, may come down early day shift Thursday
Afternoon shift: Continue on.
Midnight shift: Continued on. Should be coming down around 8am.

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.
Day shift: Continue, 7 bags remaining to feed the Harrop.
Afternoon shift: Continue on. 5 and a partial bags remaining to feed Harrop.
Midnight shift: Continued on. We have 3 and a partial bags left.

North Screener / Cu-0860: Continue on.
Day shift: Continued
Afternoon shift: Continue screening
Midnight shift: Continued on.

South Screener /Cu-0860, then E-406: Continue on.
Day shift: Continued
Afternoon shift: Finishing lot 244 on Cu 0860, then switching this screener to E-406 (on 11-7 shift or early on 7-3 shift Thursday).
Midnight shift: Continued on. The last partial tote of Cu 0860 is hanging.

#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.**
Day shift: No change.
Afternoon shift: No change.
Midnight shift: Continued cleaning/PMing machine.

Tunnel Kiln #2 / BE-0101: **Set up for BE 0101**
Day shift: DOWN.
Afternoon shift: Switching over saggers, continue on. Kiln will be lit on Thursday morning.
Midnight shift: Switching over saggers, continue on. Kiln will be lit on Thursday morning.
Tunnel Kiln #4 / BE-0101: **Continue loading/unloading. ..1 scoop per sagger-12 pounds.**
Day shift: Continue….
Afternoon shift: Continue on.
Midnight shift: Continued on. 3 bags on the floor.

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.