SOUTH PRODUCTION NOTES

December 14, 2013
Midnight Shift

BASF EMPLOYEES
161 Last Recordable
180 Last Lost Time

Alumina Gel and building 9 are regulated areas due to Vanadium

#1 MED Al-5637: We can start the line and run only 5 batches then stop. Collect samples and take to the lab for quality. We will wait for further instructions from engineer.

#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: The thermowell on the calciner has been cleaned. Need verification of cleanliness. The MED line will start running on second shift and run only 5 batches. Take samples to lab.
Afternoon Shift: Need to touch up back end of calciner and put back together.

#2 MED line/ D-0768: Cooling water has been re-connected to the mixer. 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: Contractor completed cooling water work. Mixer is now on Marley cooling water.
Afternoon Shift: Started running.

#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: Two more bags of material to feed the calciner before going back to fresh material. Remember to check temps before going back to fresh material.

Afternoon Shift: Last re-feed bag is feeding now. When finished change temp back and change screen on granulator to 6 mesh.
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. Last batch tentatively is going to be B-2788.
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: Continued.

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.
Afternoon Shift: Continue.

#4 RC / D-5206: Bring Temps back up to run through Sunday.
Exhaust to 4 DC
Midnight shift: Calciner shut off for maintenance.
Day shift: Calciner shut down while work is being done.
Afternoon Shift: Started running.

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: Strike ready to send when copper is ready.

PK Blender / 4011: **Start when cleaned.**
Midnight shift: No change. Did not run on midnight.
Day shift: Cleaned the PK and the day tank but it may need additional clean up
Afternoon Shift: Day tank and recycle line has acid and water recirculating. Pump out on day shift.

#5 RC / 4011 next: **Dust collector needs a new Hepa filter installed before we fire the calciner back up.**
Exhaust to Trimer
Midnight shift: Down for maintenance.
Day shift: Shut down while maintenance works on it.
Afternoon Shift: No change.

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.**
Midnight shift: 1 batch made. Will need to be unloaded on day shift.
Day shift: No batches made on first shift – personnel.
Afternoon Shift: 2 bags on floor-make batch on nights.

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.**
Midnght shift: Continued on. Batch was made.
Day shift: Batch made.
Afternoon Shift: Hopper and Pfaudler are full/3 buggies full.

#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

Midnight shift: Continued on. Feed rate at 258.
Day Shift: Continue to feed as material is available.

Tower 3 / Cu-0860: **Continue on. Loaded and running.**
Afternoon shift: Continued on/coming down on 3rd shift.
Day shift: Continue.
Tower 6 / Cu-0860: **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: We are only unloading at this time. Once the Harrop Kiln is unloaded we will take temps down but we will not shut it off. Maintenance to perform a PM on Sunday.
Afternoon Shift: Unloading / should be finished by morning.

North Screener / Cu-0860: **Continue on.**
Midnight shift: Continued on.
Day shift: Continue.
Afternoon Shift: 4 bins left.
South Screener / E-406: **Continue on.**
Midnight shift: Finished the change over and began screening
Day shift: Continue.
Afternoon Shift: 5 left

#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: A complaint of natural gas smell was reported around TK-2 and after verifying it was determined that work needed to be performed. All repairs were finalized and the Kiln was turned back on. When temps are reached we can start loading. Maintenance to work on spare screener tonight.
Afternoon Shift: Extra Screener is together-all we need is one clamp.

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

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.