SOUTH PRODUCTION NOTES

December 15, 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 / Al-5637: Finished cleaning for Al-5637. Still need to clean a little around back end of calciner and re-install syntron/close up.

Exhaust to Trimer

Midnight Shift: Difficulties trying to get first batch made. Continue into day and afternoon shifts as needed (get the 5 batches and samples to lab).
Day shift: Attempted to run the batch started on midnights and ended up drumming it off. The second batch attempted was no good either and is being drummed off (personnel moves). The third batch in the mixer is looking good after the recipe was changed to MOD parameters (engineer advised). Once material has been drummed off from Pulva we can start running batch in the mixer.
Afternoon Shift: Finished cleaning calciner and re-installed syntron-closed up.

#2 MED line/ D-0768: /DOWN/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: Continue on.
Day Shift: The oil coupling on the mixer went down during midnight shift. Maintenance currently working on it. All material (90%) was removed from the mixer and has been extruded. Transmission oil was purchased from Auto zone to refill coupling. Cross your fingers.
Afternoon Shift: Down/Was repaired and broke again on 1st batch-G Menz was notified. Fluid coupling.

#2 RC/ D-0768: **Last bag of oversize in Chevron bags feeding midnight shift. When these are done, bring temps back to normal for feeding the newly extruded material from MED #2. Will change granulator screen to 6 mesh before feeding new material (during midnight shift).**
Midnight shift: All of the Chevron-labeled material (oversize/rescreen) has been fed, granulator screen changed and will start feeding newly made material.
Day shift: Continue to feed the calciner with the fresh material.
Afternoon Shift: Continued.
Exhaust to TRIMER (having issues swith CTO)

#3 MED line / D-1794 NAQ: **Continue. Tentative last batch will be #2788.**
Midnight shift: Continue on.
Day shift: Continue on.
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 on.
Afternoon Shift: Continued.

Abbe Blender / D-5206: **Continue on.**
Midnight shift: Continued on.
Day shift: No personnel available to make batches on first.
Afternoon Shift: Made batches.

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

#4 RC / D-5206: **Bring Temps back up to run through Sunday.**
Exhaust to 4 DC
Midnight shift: Continue feeding through Sunday.
Day shift: Continue to feed through Sunday.
Afternoon Shift: Continued.

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: North end working off bad batch from Friday afternoon. Sending new batch late in midnight shift. North end operator advised that they should be OK with next batch (had filtering issues).
Day shift: Continue to strike as requested.
Afternoon Shift: Continued. Belt broke again.

PK Blender / 4011: **Start when cleaned.**
Midnight shift: No change. Day or afternoon shift will empty rinse acid/water from day tank and recirc line. Start on Saturday or when manpower permits.
Day shift: Scheduled personnel to empty acid wash in day tank in building 9 and then start 4011 impregnations.
Afternoon Shift: Finished cleaning. Raw materials found/drain line needs blanked off per MOD.

#5 RC / 4011 next: **Dust collector needs a new Hepa filter installed before we fire the calciner back up.**
Exhaust to Trimer
Midnight shift: Hold
Day shift:
Afternoon Shift: Hepa filter was installed. Can bring temps up.

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: Batch made, brought to tunnel kiln.
Day shift: No batch made on first shift.
Afternoon Shift: Made batch.

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: Pipeline is full. Make next batch on Saturday day shift.
Day shift: Made batch on first shift.
Afternoon Shift: Pfaudler and hopper are full. 2 full buggies by 6.

#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.**

Exhaust to Sly Scrubber

Midnight shift: Continue feeding, keep buggies moving back to building 31 so they can be filled and next batch can be made.
Day Shift: Continue feeding.
Afternoon Shift: Continued.

Tower 3 / Cu-0860: **DOWN/Jacket is not lit- an electrician is in to repair .**

Tower 6 / Cu-0860: **Continue on.**
Midnight shift: Tower 3 down mid-shift and reloading Cu-0860 early Saturday day shift; Tower 6 continue Cu-0860.
Day Shift: Tower unloaded and reloaded.
Afternoon shift: Loaded but on hold until electrician repairs Sunday morning.

Harrop Kiln - Al-3921 T 3/16": **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.**
Midnight shift: All material removed from kiln, kiln temps coming down.
Day shift: No update. Need to keep the carts moving until Sunday morning when Eliott will perform a PM. Additionally, we are perfomring work on the wooden platform.
Afternoon Shift: Run complete. Bringing temps. Down.

North Screener / Cu-0860: **Continue on.**
Midnight shift: Continued on.
Day shift: No personnel available.
Afternoon Shift: Continue.

South Screener / E-406: **Continue on.Change screener over when completed.**
Midnight shift: Continue on.
Day shift: No personnel available.
Afternoon Shift: Try to finsh first to ship.

#2662 Pill Machine / Al-3917 3/16: **Finished. Holding for decision 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.

<u>Tunnel Kiln #2 / BE-0101:</u> Set up for BE 0101
Midnight shift: Began loading midnight shift (early Saturday morning).
Day shift: Worked on 2 mesh screen but unable to fix. We could use a 3 mesh if available. Need to locate a scale for the screener. If one cannot be located we can moed drums with drum picker and place on floor scle by desk.
Afternoon Shift: Took 3 mesh screen from Harrop kiln screener.

<u>Tunnel Kiln #4 / BE-0101:</u> Continue loading/unloading. ..1 scoop per sagger-12 pounds.
Midnight shift: Continue. Be sure to keep in touch with kiln operators to get bag count and plan for more material in the new pfaudler.
Day shift: Continuing to feed.
Afternoon Shift: Continued.