SOUTH PRODUCTION NOTES

December 10, 2013
Day Shift

BASF EMPLOYEES
159 Last Recordable
178 Last Lost Time

Alumina Gel and building 9 are regulated areas due to Vanadium

CTO Dust Collector needs filters replaced.

#1 MED Clean for 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 touch up dryer and find sand to run through calciner. Ready to start when cleaned.
Afternoon shift: Not worked on during shift.
Midnight Shift: No change.

#2 MED line/ D-0768: On hold until cooling water can be re-connected to the extruder. We will have to plug the 3rd floor on the south side of the mixer so that the end seal leak does not fall through to the pulva deck. 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. Will discuss further with Bill Grodecki to develop a more efficient method to screen-out the 1795 stuff.
Day Shift: Down for contractors.
Afternoon shift: Still down, end seals have not been worked on as a part for the seals had to be ordered. Seals can be temporarily fixed (repacked) but we will need to eliminate leaking powder from going to 2nd floor mezzanine. Looking at plugging the floor openings and using dust collection hose to "vacuum" the podwer when it leaks out of seals. Also, Lucas needs to reconnect water to mixer/extruder before we can run. Will look at this onTuesday morning.
Midnight shift: No change. On hold.

#2 RC/ D-0768: Out of feed

Day shift: Continue running to Trimer.
Afternoon shift: Out of feed until extruder can get running again.
Midnight shift: No change.

Exhaust to TRIMER (having issues swith CTO)

#3 MED line / D-1794 NAQ: **More Siral 30 delivered, but will be on hold midnight shift Tuesday to use personnel for CTO baghouse filter changing.**
Day shift: Down for contractors-restart on 2nd shift.
Afternoon shift: Ran out batch that was left in mixer from early Monday morning. On hold (see MED line #3 notes)
Midnight shift: No change. On hold until 1st shift.

#3 RC / D-1794 NAQ: **Continue feeding (exhaust to the Trimer)**
Exhaust to TRIMER (having issues with CTO)
Day shift: Down –Continue running to Trimer.
Afternoon shift: Continue feeding bags
Midnight shift: Continued on.

Abbe Blender / D-5206: **Continue on. Screener was cleaned Saturday, drain pump changed out Sunday.**
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. Given guidance by Bill Grodecki to reefed the 3 wet bags that came off of dryer. Used hoist at #4 calciner to lift one of the bags, dropped material into a blue buggy, then transfer that material into National Dryer square buggy. Will work on the other two wet bags on Tuesday afternoon – no rush.
Midnight shift: Continued to feed.

#4 RC / D-5206: **Relit calciner and began feeding again.**
Exhaust to 4 DC
Day shift: Continue-watch feed rate.
Afternoon shift: Continue on.
Midnight shift: Continued on feeding.

HC-11 Tanks / Cu 5020: **Continue on.**
Day shift: Continued.
Afternoon shift: Continue on.
Midnight shift: Continued on.

PK Blender / 1520: **Restarted batches. NOTE: please continue loading into 111 bags for direct shipment to PPT (as we were doing before shutting the PK down).**
Day shift: Started-use lined bags to ship.
Afternoon shift: Continue on
Midnight shift: Did not run due to not having any 7005 or much solution. Need to confirm if we are done and if we are to clean for the 4011.

#5 RC / 1520: **Calciner is down due to CTO issues and the need to switch #2 and #3 RCs over to the Trimer. Wear your respirators – Vanadium. Several bags of older material (and 8 drums of 1520). Were brought to the calciner. Confirm with John Bodmann which of the bags are ready to feed. Drums of 1520 will need to be repacked. Lot 92/Bag15 will need to be re-imprgnated Monday? 429 pounds of solution per Bodmann's email.**

Exhaust to Trimer

Day shift: DOWN. 4 contaminated bags will be fed at end of run and kept separate.
Afternoon shift: Still down. Change-out of CTO filters and catalyst blocks being performed – we should have CTO back in a day or two.
Midnight shift: Still on hold. The CTO cartridges were removed and taken to solid waste. New ones have been staged and clamps brought over.

New Pfaudler / BE-0101: **We have approval to use DI water/RO unit still down.**
Day shift: 1 bag is on the floor at kiln/ Batch ready to drop at 3pm..
Afternoon shift: 2+ bags material at kiln. Should be OK until sometime on Tuesday for next batch to be made.
Midnight shift: No batch made. Batch is scheduled to be made on 1st shift.

Old Pfaudler D-0756: **Continue on. 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: Empty/sample 6 bags/rinse pfaudler.
Afternoon shift: After pfaudler hopper was rinsed out, batch was being made middle of afternoon shift. Night shift will need to finish that batch, drop to hopper, then make next batch.
Midnght shift: Batch from afternoon shift was finished and a second batch was made.

#6 - RC / D-0756: **Continue to feed calciner and watch the feed rate. Will probably have a gap before we can feed the next batch @ 10am.**

Exhaust to Sly Scrubber

Day Shift: Down 4 buggies to feed. Batch will be made on 2nd.

Afternoon shift: Down to 2-3 buggies to feed. Batch being made late afternoon shift will not be ready to feed until middle of day shift (12 hour hold time).
Midnight shift: Continued to feed. Last buggie was fed late on midnight shift. Next buggie can be fed @ 10am.

Tower 3 / Cu-0860: Continue on. Tower nearly finished.
Day shift: Continue/should come down on night shift.
Afternoon shift: latest update from tower operator is that #3 will come down by end of 11-7 shift (Tuesday morning).
Midnight shift: Tower should be ready to unload early on day shift.
Tower 6 / E-406: Tower was loaded with E-406. Had issue lighting jacket burner – work notification was written but operator got it lit. OK for now.
Day shift: No Change.
Afternoon shift: Continue on. Several more days to go before coming down.
Midnight shift: No change.

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: Continued.
Afternoon shift: Continue on.
Midnight shift: Continued.

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

#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.

<u>Tunnel Kiln #2 / Al-3921:</u> Completed.
Day shift: DOWN.
Afternoon shift: Down.
Midnight shift: Down.

<u>Tunnel Kiln #4 / BE-0101:</u> Continue loading/unloading. ..1 scoop per sagger-12 pounds.
Day shift: Continued.1 bag left on floor-noon
Afternoon shift: Continue…enough material on floor, next batch on new pfaudler can be scheduled sometime Tuesday.
Midnight shift: Continued on. Next batch to be made on the pfaudler on 1st 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. Clean up one of the two buggies by #2 extruder and re-assign it to #3 line for wet mix. Add the appropriate label.**

***Please pull lot EL00237 of Cu-0860 ERL from storage and stage. Collect about a 16 oz sample from one drum of each pallet and make three-16 oz composite samples for the lab. Thank you.**

***Visitors will be here on Tuesday-need to clean and organize.**

***Review procedure change on the Pfaudler.**