SOUTH PRODUCTION NOTES

November 30, 2013
Morning Shift

BASF EMPLOYEES
148 Last Recordable
167 Last Lost Time

Alumina Gel and building 9 are regulated areas due to Vanadium

#1 MED A-520: Trial. Will resume on Monday.

#1 RC / A-520: Trial.
Exhaust to Trimer
Afternoon Shift: No change.
Midnight Shift Update: Turned off the cooling water from the chiller to line one and opened it to line 2.

#2 MED line/ D-0768: Continue on first shift.
Afternoon shift update: Ran half of a shift(manpower).
Midnight Shift Update: Running MED line. Turned portable chiller towards #2 extruder. Shut off Marley cooling lines. Portable chiller was overflowing with water. Once the water was redirected to #2 extruder it stopped leaking on the floor.

#2 RC/ D-0768: A work order has been written to have a 5" dam installed on the calciner hopefully Saturday. We will need to finish getting the screener set up (2 mesh oversize, 12 mesh fines and 3 mesh to granulator) as well as the granulator.
Afternoon shift notes: No change.
Midnight Shift Update: No changes.
Exhaust to F1

Tank 7 / AMT Solution / D-1795: Tank is rinsed and toted off.
Afternoon shift notes: No change.
Midnight Shift Update: No change from afternoon shift.

Old Pfaudler D-1795: Done. Pfaudler will most likely need to be acid washed as we will be going back to precious metals. The pfaudler was rinsed. Unfortunately this rinse water made its way into the sump downstairs. We need to keep the sump locked out until we can suck it out.
Afternoon Shift: No change.
Midnight Shift Update: Have scheduled first shift operator to acid wash Pfaudler.

#3 MED Dryer / D-1795 NAQ: All totes have been fed.

#3 RC / D-1795 NAQ: Read the e-mail at the end of these shift notes and watch the feed rate on this calciner.

Exhaust to CTO

Afternoon shift notes: Continued on feeding the over dried bags.

Midnight Shift Update: Notes from engineer (Bill) might have to be updated. Confusing.

#4 RC / D-5206: Continue feeding as material available.

Exhaust to 4 DC

Afternoon shift update: Continued feeding.

Midnight Shift Update: Continuing feeding the calciner.

National Dryer / 5206 : Continue to feed as batches come from the abbe.

Day shift update: Continued feeding.

Midnight Shift Update: Continuing feeding.

Abbe Blender / D-5206: Will need to have the abbe down on day shift Saturday for contract work, otherwise we can run it on all other shifts this weekend.

Afternoon shift update: Continued to run.

Midnight Shift Update: Continue to run with no contratcors in facility.

#5 RC / 1520: Calciner is running. Keep in mind that this is a regulated area. Wear your respirators – Vanadium.

Exhaust to Trimer

Afternoon shift update: Continued to run with no issues.

Midnight Shift Update: Continue to run without issues.

HC-11 Tanks / 1520: Continue to use batch 101 in tank 6. Continue to make a batch in tank 4.

Afternoon shift update: No change.

Midnight Shift Update: Next Vanadium solution has been completed in T-4.

PK Blender / 1520: Continue to run. Remember this area is now regulated due to Vanadium. When we get to batch 101 we will need to change to unloading into different bags. They will be 67004945 or 906111. They will need to be cleaned and weighed. We will need to track theses bags and weights on a sheet.

Afternoon shift update: continued to run.

Midnight Shift Update: Continuing to run.

New Pfaudler / Cleaned for BE-0101: **Pfaudler clean up sheet has been completed/ lid has been installed. Will walk through Saturday morning as we may be ready to start first batches of BE 0101 by then. Plan is to make 2 batches only at this time, run the material through Tunnel Kiln #4 and wait for analysis out of the tunnel kiln before making more batches.**
Afternoon shift update: No change. On hold for Saturday walk through.
Midnight Shift Update: Waiting for Saturday walk through.

#6 DRYER - RC / clean for 0796: **Will just have to give the dryer/calciner a final inspection and should have to just reassemble everything. The calciner and dryer have been washed.**
Exhaust to Sly Scrubber
Afternoon shift: No change.
Midnight Shift Update: Need to schedule operator to re-assemble everything.

Tower 3 / Cu-0860: **Loaded and running .**
Afternoon shift update: No change.
Midnight Shift Update: Still running.

Tower 6 / Cu-0860: **Tower is loaded and running.**
Afternoon shift update: Tower was unloaded and reloaded at the end of afternoon shift.
Midnight Shift Update: Continue running.

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). Still operable, but maintenance needs to see Tower operator for more information.**
Afternoon shift: Continued on.
Midnight Shift Update: Continue to run.

North Screener / Cu-0860: **Continue on.**
Continued on.
Midnight Shift Update: Continue to run.

South Screener /E-406: **on hold. If we continue to man the North screener on all shifts we should not have to switch this screener over to Cu0860.**
Afternoon shift: On hold.
Midnight Shift Update: Still on hold

<u>#2662 Pill Machine / Al-3917 3/16:</u> Since the new bag/batch was hung, machine has been running well.

<u>#2664 Pill Machine / Al-3917 3/16:</u> Continue on running.
Afternoon shift update: Continued to run.
Midnight Shift Update: Continue to run.

<u>Tunnel Kiln #2 / Al-3921:</u> Continue feeding. May make a decision to stop by early next week, or finish feeding all of the bags (decision by Monday morning). As of mid-day Friday, 11 full bags and 1 partial to feed.
Afternoon shift: Continued to run.
Midnight Shift Update: Continue to run.

<u>Tunnel Kiln #4 / BE-0101:</u> Whitewashing and changing saggers started on day shift, should continue into day shift on Saturday. See new pfaudler information regarding first BE-0101 loads for Tunnel Kiln #4. Will also need to "steal" the Sweco screener from #2 kiln…to be determined when this will occur.
Afternoon shift: Continued on.
Midnight Shift Update: Continue to change saggers and white wash.

D-1795 Notes From Bill Grodecki:

A few things that we need to deal with in wrapping up D-1795 Here is the plan:

I. After running the C1 material, run the remaining inventory on the floor. Run the overdried material anytime (3 supersacks left I think). Also, run the 1 supersack of underfired material anytime. **- WORKING ON THIS FRIDAY AFTERNOON**
II. Next run the old material, Lot 15 oversize (1 and a partial supersack) and lot 18 partial supersack. Lot 15 was on the 1st floor by the cage and lot 18 was by the Gen Cat docks but Greg said he was moving it upstairs. Lot 15 oversize will be ok after going through the cutter. Lower the calciner temp if you want but we will have to raise it for the last part.
III. Last, run the two supersacks of contaminated material through the calciner. This is on the second floor by the #2 extruder. Since this has D-5206 G 5x8 in it, we will have to change the fines screen to a 5 mesh to get it out (use a 6 if you can't find a 5). Probably should separate the fines in case too much product gets through.
IV. Do not run the material in drums.
V.
We will start D-1794 NAQ again on line 3 next week -- no need to clean up.

Please call me if you have any questions or problems. I will be in town all weekend and am planning to come in Friday.

Thanks and have a Happy Thanksgiving!

Bill Grodecki
Senior Production Engineer

Phone: 440-329-2508 Mobile: 440-452-0483 E-Mail: william.grodecki@basf.com
Postal Address: 120 Pine Street, Elyria, OH 44035

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