SOUTH PRODUCTION NOTES

July 5, 2016
7-3 Shift Notes
BASF EMPLOYEES
218 Last Recordable
285 Last Lost time

Title V Notes: **Trimer** – May need to clean inlet port if suction drops. ORP needs to be watched as we start up #4 calciner. Keep an eye on the stack.
F1 – back up and running. Sheaves and belts have been ordered in case we have any more issues. **We need to drain half a tote from F1 per day on 2nd shift to get rid of Moly.** Need a sample of the sump taken on afternoon shift everyday and the sump pumped out.
CTO – is running. Having some issues with the ammonia flow meter. WOW.
Please keep the B31 sump locked out. We need to watch sump closely and sample every shift so we don't overflow. Had issues with it filling quickly during pfaudler cooling.
There is an intermittent issues with one of the NOx/CO sensors that keeps tripping out the system - WOW. Please keep an eye on it. Eliott was contacted today to get them fixed.

#1 MED / AI 5645:

Okay to shut down if we have manpower issues. Lots of feed on the floor and RC is down for repairs. **Grease the end seals each shift.**

#1 RC / AI 5645 next:

Down. Bolts on discharge end of the calciner have sheared off – WOW. GEM was called but not available to start on holiday.
Keep feed rate at 450 to 500. Watch suction, we are now running #4 calciner. This product has a lot of Nitric in it, so we need to keep a close eye on the trimer while running #1 and #4 together.

#2 MED line / Styrene:

Continue making batches. It was decided to keep running with current vibration issue, keep an eye on the gearbox and discharge end bearings.
We will make 35 batches with current blank configuration then Justin will reevaluate (batch 294). 4 more batches need to be made.
We need to clean the pallet jack we borrowed from LIB and have Bob Urig inspect it.

When we double stack the material put an extra pallet in between so people don't accidentally fork the top of the bags. Green drums are the only drums to have dry ice put into them.

#2 RC / Styrene:

Continue feeding. With low fire on #3 RC do we want to run to the CTO??
Feed bags in batch order.

#3 MED line / D-1715:

On hold until material runs through calciner and we can determine if we need more batches. If so we need more Zeolite. Clean up sheet in e-mail from Andrea.
Make sure we are greasing end seals once per shift when running.

#3 RC / D-1715:

Running calciner empty and then we are out of feed. Need to figure out if we're cleaning up.
Make sure to seal pouches on labels (we have had a few fall out).

#4 RC / Cu-0226 8x14:

Continue to feed. Had issues with the feed rate on second shift Sunday. Need to watch closely.
Keep an eye on the trimer for yellow stack and suction issues. Watch trimer inlet due to plugging issues.

#5 RC / Catoxid:

Continue feeding. Watch the feed end vacumax hopper to ensure it doesn't overflow (probe has been removed).
When running, feed Hopper should not be filled past 2 feet below the top to allow room for blowdowns. HEPA filter was last changed out 6-11-16 on dayshift.

#6 RC & Dryer / D-0257:

Continue feeding.
We are not switching products. PR2 will do the screening.
A partial bag and 3 drums of material need to be refed – labeled and put on 2nd floor. We also need to refeed 5 drums of Fines (good product went through hole in screen).
Close top of bags with wire tie and place on our dock #3 trailer.
Make sure the material has aged before feeding to the dryer.

West Pfaudler / Cu-0228:

Tank 6 has been made up. Continue making batches. Batch 10 being unloaded late on nights. Batch 11 to start on days. Leave bags open to air dry after unload.

East Pfaudler / D-0257:

Continue to make batches to keep #6 fed.
We need to keep the area under the Pfaudler hopper clean.

6 Tank / Cu-0228 solution:

Tank made up and sampled. OK to use per Andrea.

7 Tank / Cleaning:

Tank has been rinsed out.

National Dryer / cleaning:

Cleaning completed, Schirmer to soda blast.

PK Blender / Catoxid:

Down. Chute and actuator brackets need to be repaired. WOW.
Material has been screened for the north end.
Removed the rubber discharge cloth. Need to talk with operators on how to operate the new chute. Apparently a bunch of them did not know it was modified.
Check bag house DP before starting each batch.
Flow meter is installed but not calibrated yet. DO NOT USE- trying to get it calibrated. DP Gauge should be set at 3.5 and 4.25.

Abbe Blender / :

HF tote has been closed up and Abbe lid was removed and vessel cleaned out.
Cover plates over open hole in floor have been reinstalled.

Tower 3 / E 474:

Tower has been loaded but we are not starting it yet.

Tower 6 / E 474:

Down and unloaded.
O2 meter has been repaired.

North Screener / ?:

Holding for engineering. Should be fixed during shutdown.

South Screener / Cu 0860:

Continue running. Still have a few totes to go.
If you wash down drums with water you need to dry them off – the green drums are very prone to rust.

#2662 (west) Pill Machine / Al 3915:

Stopped on 1st shift due to inconsistent powder flow and the crush strength test machine needing repair – WOW. We do not need to test the samples from the North.

#2664 (east) Pill Machine /:

Running. We do not need to test the samples from the North.

TK #2 / Zr-0404:

Done. Blowers have been turned off and kiln is down.
Leave the saggars on - we don't know what product we will be going to next.

TK #4 / 103 GP screening:

Out of feed. Need to see if we have more.
Keep feeder set at 50 and keep that area cleaned.

Harrop Kiln / Al-3920:

Continue to run. We will no longer be refeeding the oversized material. Empty the bucket into the labeled oversize drum and it will be rescreened in PR2. Approx 3 bags ahead of kiln.
We need to stop feeding hot material to the screener by making a large pile on the top of the screener then turning it on after the material has cooled. By overloading the screener we are causing the product to not screen correctly and this putting us out of spec on this material. We must now rescreen a bunch of material we have already made. Please allow cars to come around and cool, and feed the screener only if you are able to keep the screener running.

Building 27 Belt Filter / Cu 6081:

Continue to keep running. Be sure to hand in / fill out SAP sheets.
Jeff has updated the batch sheets and we are okay to run. Jeff will provide training on the new Walk The Line requirements.
We have switched to 188 lined super sacks. These will need cardboard sleeves around them and new clean pallets.

Top 14 are important enough to keep running and staffed, top 6 cannot afford to have additional production interruptions.

1) #6RC/East Pfaudler
2) West Pfaudler
3) #4 RC/Trimer
4) #1 MED/RC/Trimer
5) #1 RC North
6) North CUAPV (to keep #1 RC North running)
7) North PK/Wyssmont
8) #2 MED/RC
9) #3 MED/RC/CTO
10) South Precip/APV (PPT is low on feed)
11) Horne Machine
12) Harrop Kiln
13) South PK
14) #5 RC (this is going to be elevated in the coming weeks if we cannot get the unit to stay running)

15) Reduction Towers/Screening
16) PR2 103 GP
17) Kneader
18) PR2 Cu-0864 T
19) PR2 Al-3915 T
20) Screening 103 GP TK #4 Screen