SOUTH PRODUCTION NOTES

August 2, 2014
Morning Shift

BASF EMPLOYEES
34 Last Recordable
397 Last Lost Time

Building 9 is regulated, Building 31: 2nd floor is regulated
Building 16 (Alumina Gel) is regulated
Get All Required Samples and Surface Areas

#1 MED / Al-5645:

We have been instructed to start this line and run Al-5645. Inspect the line one last time and start mixing.
Midnight shift: Did not start-Lack of control room CRTs.
Day shift:
Afternoon shift:

#1 RC / Al 5655; Al-5645 is next:

Calciner is finishing off the remaining material inside it. When all material is out (we will have some still left inside – this is ok) we will set up the line for Al-5645 and once we have enough bags ahead we'll start the feed. Still high NOx product, so be aware of and routinely monitor suction and Trimer status
Midnight shift: Did not start-up to temperature.
Day shift:
Afternoon shift:

Exhaust to Trimer

#2 MED line/ Cu-0860:

We are to run four batches under a new recipe change (installed by engineer). These four batches are to be fed through the calciner together. The first batch to come out will still be to the old recipe and will need to be set aside. Once the four batches have been made we will stop the extruder – drop die and ice it out. See additional instructions at end of shift notes. We need to continue to check every batch before dropping per J. Bodmann. DC #2 work (blow downs) completed.
Midnight shift: Started making batches on 2nd half of shift.
Day Shift:
Afternoon Shift: Started to run the four batches as instructed. The first batch has been completed and set aside as it was ran under the previous recipe parameters. Started the first of the 4 batches with new recipe.

#2 RC/ Cu-0860:

We must continue to collect samples every hour along with normal bag samples.
Hold onto and do not feed bags roped off until advised.
Midnight Shift: Up to temperature and ready to start after walk-through.
Day shift:
Afternoon shift:

Exhaust to F1

#3 MED / D-0702:

Continue extruding. We need to make sure that the mixer is empty at the end of every batch please. Mixer will be deemed empty when amps reach 68.
Midnight Shift: Started making batches on 2nd half of shift.
Day shift:
Afternoon Shift:

#3 RC / D–0702:

After verification with engineer, we should not run directly from the dryer to calciner with the exception of when we are changing bags.
Midnight shift: Ready to start after walk-through in performed.
Day shift:
Afternoon Shift:

Exhaust to CTO-is in Automatic

#5 RC / Cu-3818 through Sunday, Cu-0539 on Monday:

The hoist has been repaired. We will re-start this calciner. We do have full control over the feed screw from the control room. Watch that we do not use the bags of World Metals Copper. Must be Fibro Tech.
PLEASE NOTE: We will be running Cu-3818 through Sunday and then will switch over to Cu-0539 on Monday.
Midnight Shift: Continued.
Day shift:
Afternoon shift:

Exhaust to 5A DC

New Pfaudler / Cr-5655 SNAP:

Continued on. Watch the level on the chromic acid tank. We should not have to shut down the pfaudler to make a tank. It can be made on the same shift that we run the pfaudler. Should make 2 Batches per Shift.
Midnight shift: Continued.
Day shift:
Afternoon Shift:

National Dryer / Cr 5655:

Continued feeding as material is available. Target = 700 lbs. per hour.
Midnight Shift: Continued feeding.
Day shift:
Afternoon Shift:

#4 RC / Cr 5655:

Continue to run and watch that the bags being used at this time do not cone up at the end.
Midnight Shift: Continued.
Day shift:
Afternoon Shift:

Exhaust to 4A DC

Old Pfaudler / Clean for CEHW-1130A:

We have completed this job. The Pfaudler needs to be rinsed and prepared for the next job. We can start cleaning it.
Midnight Shift: No activity.
Day Shift:
Afternoon Shift: No activity.

#6 RC / Clean for CEHW-1130A:

Finishing last material, then down for cleaning. Schirmer scheduled to bead blast dryer belt (date TBD).
Midnight shift: No activity
Day Shift:
Afternoon shift:

Exhaust to Sly Scrubber

Tower 3 / Cu 0860:

Continue On.
Midnight Shift: Running load #283.
Day shift:
Afternoon shift:

Tower 6 /Cu-0860:

Loaded and running. Work notification written to have the sheaves replaced after the following load of Cu-0860 (Batch #284).
Midnight Shift: Started unloading at 4am. Should be finished loading before 7am.
Day shift:
Afternoon shift:

North Screener / Cu 0860:

Continue On.
Midnight shift: Continued.
Day shift:
Afternoon Shift:

South Screener / Cu 0860:

Continue On.
Midnight shift: Continued.
Day shift:
Afternoon Shift:

#2662 (west) Pill Machine / Zr-0403 1/8:

Filters for dust collector have been switched and installed.
Midnight shift: Down – Justin is working on getting the dies sent out to Elizabeth Tool and Die.
Day Shift:
Afternoon shift: Down waiting for dies.

#2664 (east) Pill Machine / Zr-0403 1/8:

DC back together, pill machine in place. West machine was tested and looked / sounded good.
Midnight shift: Down-fault will not reset. Work order is in.
Day Shift:

Afternoon shift:

TK #2 / V 2010:

Currently unloading only. All the refires have been loaded onto the Kiln. Once the V-2010 is completed we need to start changing the saggers for V-2046 which is next. We still need to have operators use improved PPE (racal, papr).
Midnight shift: Continue unloading.
Day Shift:
Afternoon shift:

PK Blender / Pill Mix:

5 more bags sterotex available.
Midnight Shift: No activity.
Day shift:
Afternoon shift: Completed the last two batches.

Abbe Blender:

HOLD. Waiting on next run.
Midnight shift: Hold
Day shift: Hold
Afternoon Shift: Hold

Building 27 Belt Filter / V-2010 Trial:

We will be making 2 double batches utilizing Tanks 2 and 107 on Thursday. We will need 1 man staffing on day shift.
Midnight shift: No activity.
Day shift:
Afternoon Shift: All work on new belt has stopped for the weekend. Starting Monday morning additional testing will resume.

Miscellaneous:

1. **Versal B is in the Rail shed and on the truck dock #3.**
2. **Versal 250 is in shipping.**
3. **Zeolite CBV 712 and Versal 300 are in the rail shed.**
4. **D-0702 can be loaded onto the trailer in Dock #2.**
5. **North end Cu-3818 is in the rail shed.**
6. **Copper Carb (Fibro Tech) is in B-7 for #5 RC.**

CU-0860 Game plan for tonight:

I changed the recipe back to where it was before shutdown. So have the operators make 5 batches tonight (the first one should be set aside because it has the wrong quantity of material for the experiment we are trying). So the 4 batches after the first one will be extruded and then calcined. STOP making batches after these are completed.

Sampling requirements:
Mixer: MUST be checked before dropping - then get a sample of the wet mix and seal it up so it stays wet.
Dryer: Every batch off the dryer must be sampled.
Calciner: Run empty before feeding this material, then using the same temp setpoints as before start calcining it. Get a SA on the material off the calciner about 20 minutes after it first exits the calciner. Adjust the temps to get SA in spec or call Bodmann for advice. SAMPLE off the calciner BEFORE spiral once per hour. Sample off the BAG if possible as well (or at least every bag change).

Submit all samples to lab.

Call Bodmann if you have questions.

Priorities 1 through 8 are basically all the same priority, should be considered urgent and will require call outs for maint issues and/or processing issues.

1) Reduction Tower Screeners
2) Reduction Towers
3) #3 Line/#3RC
4) West Pfaudler/National Dryer/#4RC
5) #1 Line/#1 RC
6) #2 Line/#2RC
7) #5 RC
8) Horne Tabletting
9) Clean up East Pfaudler/HC-11 Dryer/Calciner