SOUTH PRODUCTION NOTES

August 4, 2014
Midnight Shift

BASF EMPLOYEES
36 Last Recordable
399 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:

Continue to run batches.
Midnight shift:
Day shift: Fired back up. Continued with no issues.
Afternoon shift: Continued on.

#1 RC / Al-5645:

Calciner fire blanket and syntron redone and calciner is now feeding. Still high NOx product, so be aware of and routinely monitor suction and Trimer status.
Midnight shift:
Day shift: Calciner fire blanket and syntron redone and calciner is now feeding.
Afternoon shift: Continued on.

Exhaust to Trimer

#2 MED line/ Cu-0860:

All experimental batches have been completed per instructions from John Bodmann. The Med line is on hold until we receive further instructions from engineer. Once we start back up we need to continue to check every batch before dropping per J. Bodmann. DC #2 work (blow downs) completed.
Midnight shift:
Day Shift: Brought auger and barrel back from maintenance. Will need to be installed before running again.
Afternoon Shift: The barrel and auger were installed back up on the extruder.

#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:
Day shift: Continued feeding experimental batches and took several batches to the lab. After getting a SA of 21, Bodmann had us drop the temperatures 20 degrees.
Afternoon shift: All four experimental batches have been fed. Waiting for additional instructions.

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:
Day shift: Continued cranking out batches.
Afternoon Shift: Continued on.

#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:
Day shift: Calciner kicked out mid shift. Not the end of the world since we only had one bag of feed. Relit and coming back up to temperature.
Afternoon Shift: Re-started the feed on the calciner.

Exhaust to CTO-is in Automatic

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

Continue running this calciner through midnight shift Monday. Watch that we do not use the bags of World Metals Copper - Must be Fibro Tech. Keep an eye on the vacumax system.
Midnight Shift:
Day shift: Continued. Unless we hear differently from Art Hribar, we will continue until the production meeting in the morning.
Afternoon shift: No additional information forthcoming so we are to run this calciner on Cu-3818 until we receive new instructions – likely in the morning.

Exhaust to 5A DC

New Pfaudler / Cr-5655 SNAP:

Continue until we get enough Al 5645 off of #1 RC in pass. There is only enough AL 5655 left for a few more batches. 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:
Day shift: Continued.
Afternoon Shift: Continued on. Making a single batch due to all buggies full – with the national dryer running at 600 + we should have more empty buggies… I think.

National Dryer / Cr 5655:

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

#4 RC / Cr 5655:

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

Exhaust to 4A DC

Old Pfaudler / Clean for CEHW-1130A:

Continue with the clean up plans. A work order has been written to look at the drainage valve(drains very slowly, even when being hosed out directly..Mv.8/3/14).
Midnight Shift:
Day Shift: No
Afternoon Shift: Rinsed the Pfaudler a couple of times. Tons of material came out of it.

#6 RC / Clean for CEHW-1130A:

Schirmer scheduled to bead blast dryer belt on Monday.
Midnight shift: Started with clean-up instructions.
Day Shift: No change.
Afternoon shift: No activity.

Exhaust to Sly Scrubber

Tower 3 / Cu 0860:

Continue On.
Midnight Shift: Ready to drop-not enough line space.
Day shift: Still waiting to drop. Still need two spots to open up.
Afternoon shift: Left it due to issues in screening room.

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: Continued.
Day shift: Continued on. Another 24 hours or so.
Afternoon shift:

North Screener / Cu 0860:

Continue On.
Midnight shift:
Day shift: Continued.
Afternoon Shift: Had a spill on the north screener. Need to ensure that the bungee is secured around the plastic liner.

South Screener / Cu 0860:

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

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

Down and waiting for dies.
Midnight shift: Down – Justin is working on getting the dies sent out to Elizabeth Tool and Die.
Day Shift: Waiting on dies.
Afternoon shift: Down waiting for dies.

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

Continue running. DC back together, pill machine in place. West machine was tested and looked / sounded good. Bag #6 was handpicked and was completed.
Midnight shift: Continued.
Day Shift: Able to reset machine overload fault (operator…no electrician on days)

Afternoon shift: Able to change the lower track in the front of the machine. Changed oil, cleaned primary and secondary filter. Re-started – making adjustments.

TK #2 / V 2046 is next:

Changing the saggers for V-2046 which is next. We need to clean the inside (center area) of the Tunnel Kiln, replace the filter (see Taylor). Seal up the haz waste drum and put away.
Midnight shift:
Day Shift: Continued sagger change over.
Afternoon shift: Continued sagger exchange.

PK Blender / Pill Mix:

On hold until we get more sterotex.
Midnight Shift: No activity.
Day shift: No change.
Afternoon shift: No activity.

Abbe Blender:

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

Building 27 Belt Filter / V-2010 Trial:

On hold until day shift Monday. We will need 1 man staffing on day shift.
Midnight shift: No activity.
Day shift: Ick…on hold until Monday.
Afternoon Shift:

Miscellaneous:

1. **Work notification has been written to repair the handles on the doors of all of the mixers. Most of the doors have broken eyelets. We cannot hook the chains and then can't hold the doors up while inspecting the mixes.**
2. **Versal B is in the Rail shed and on the truck dock #3.**
3. **Versal 250 is in shipping.**
4. **Zeolite CBV 712 and Versal 300 are in the rail shed.**
5. **D-0702 can be loaded onto the trailer in Dock #2.**
6. **North end Cu-3818 is in the rail shed.**
7. **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