Hillcrest Industries, Inc.
40 Favor Street
Attica, NY 14011

April 10, 2015

New York State Department of Environmental Conservation
Region 9
270 Michigan Avenue
Buffalo, NY 14203-2999

Attn: Regional Engineer

Re: Order on Consent
File No. 12-47
R9-20120806-98
March 2015

Pursuant to Condition 33. of Schedule A of the above referenced Order on Consent, Hillcrest Industries, Inc. is herewith submitting the required monthly progress report:

Condition 1. Quarterly stormwater monitoring of Outfalls 001, 002 and 003 as well as outfall 004 was performed on March 19, 2015

Condition 23. Slag was shipped off site in March. Additional Slag was shipped off-site to be used for traction agent on roadways.

Condition 26. Construction of the remainder of the cap will commence in April and be completed in 2015 when the remainder of the slag is removed.

As noted previously, there is a delay in receipt of invoices for material sent off site for disposal. A summary of materials shipped of site for which Hillcrest has been invoiced is enclosed. Copies of all shipping documents and invoices will continue to be available for review by the on-site monitor.

Copies of Daily Logs are enclosed.

With respect to shipment of product, Hillcrest continues to request confidentiality of this information. Shipments to the newly developed customer are continuing.

The survey of the glass and slag piles will be conducted in April.

Because of some computer issues, production and slag data will be sent along with the hard copy as soon as they are available the week of April 13.

If you have any questions, please contact me or Mr. Derek Kirsch at 585-591-1182, or Mr. Peter Tarnawskyj at 716-523-1796.

Sincerely,

for

Daniel Kirsch

enc.

cc: Mr. Derek Kirsch, Hillcrest
Mr. Peter Tarnawskyj, LTP Services, Inc.

BEAD PLANT DAILY DUST CONTROL LOG

MONDAY'S DATE: 3/30/15 **CHECK CRITERIA TWICE PER SHIFT (6 TIMES PER DAY)** *START NEW SHEET FOR NEW MONTH*

1st Shift

EXHAUST EMISSIONS: YES/ visible particulate leaving blower

CULLET FEED LEAKS: YES/ feed/emissions leaking from elevator, pipes, splitters

CYCLONE: YES/ cyclone plugged, backed-up

DECK/ROOF & SURROUNDING AREA: YES/ accumlation of feed or particulate

CHECK CRITERIA for each, initial after

EXPLAIN ANY YES CHECK IN NOTES

			MON		TUES		WED		THUR		FRI		SAT		SUN	
			Y	N	Y	N	Y	N	Y	N	Y	N	Y	N	Y	N
FIRST INSPECTION	FURNACE 1	EXHAUST EMISSIONS		✓		✓		✓								
		CULLET FEED LEAKS		✓		✓		✓								
		CYCLONE		✓		✓		✓								
		FILTER PRESSURE DROP (" H_2O)	.8		.9		1.0									
	FURNACE 2	EXHAUST EMISSIONS		✓		✓		✓								
		CULLET FEED LEAKS		✓		✓		✓								
		CYCLONE		✓		✓		✓								
		FILTER PRESSURE DROP (" H_2O)	.8		.9		1.0									
	HOUSE-KEEPING	DECK / ROOF		✓		✓		✓								
		SURROUNDING AREA		✓		✓		✓								
		INITIALS:	[illegible]		[illegible]		[illegible]									
SECOND INSPECTION	FURNACE 1	EXHAUST EMISSIONS		✓		✓										
		CULLET FEED LEAKS		✓		✓										
		CYCLONE		✓		✓										
		FILTER PRESSURE DROP (" H_2O)	.8		.9											
	FURNACE 2	EXHAUST EMISSIONS		✓		✓										
		CULLET FEED LEAKS		✓		✓										
		CYCLONE		✓		✓										
		FILTER PRESSURE DROP (" H_2O)	[illegible]		.9											
	HOUSE-KEEPING	DECK / ROOF		✓		✓										
		SURROUNDING AREA		✓		✓										
		INITIALS:	[illegible]		[illegible]											

Record ALL findings and corrective actions **DATE, TIME & INITIALS**

RECORD ALL FILTER REPLACEMENTS and/or CLEANING

PRE-FILTERS TO BE CLEANED WEEKLY AT MINIMUM

PRESSURE DROP NEVER TO BE OUTSIDE 1.0" - 5.0" RANGE

QUARTERLY INSPECTION: DROP-BOX VEINS, CYCLONE INTEGRITY

BEAD PLANT DAILY DUST CONTROL LOG

MONDAY'S DATE: 3/23/15 **CHECK CRITERIA TWICE PER SHIFT (6 TIMES PER DAY)** *START NEW SHEET FOR NEW MONTH*

1st Shift

EXHAUST EMISSIONS: YES/ visible particulate leaving blower

CULLET FEED LEAKS: YES/ feed/emissions leaking from elevator, pipes, splitters

CYCLONE: YES/ cyclone plugged, backed-up

DECK/ROOF & SURROUNDING AREA: YES/ accumlation of feed or particulate

CHECK CRITERIA for each, initial after

EXPLAIN ANY YES CHECK IN NOTES

			MON		TUES		WED		THUR		FRI		SAT		SUN	
			Y	N	Y	N	Y	N	Y	N	Y	N	Y	N	Y	N
FIRST INSPECTION	FURNACE 1	EXHAUST EMISSIONS		✓		✓		✓		✓		✓		✓		✓
		CULLET FEED LEAKS		✓		✓		✓		✓		✓		✓		✓
		CYCLONE		✓		✓		✓		✓		✓		✓		✓
		FILTER PRESSURE DROP (" H_2O)	1.0		[illegible]		1.1		1.2		1.4		1.3		.3	
	FURNACE 2	EXHAUST EMISSIONS		✓		✓		✓		✓		✓		✓		✓
		CULLET FEED LEAKS		✓		✓		✓		✓		✓		✓		✓
		CYCLONE		✓		✓		✓		✓		✓		✓		✓
		FILTER PRESSURE DROP (" H_2O)	1.4		1.8		2.0		1.7		1.8		2.0		.9	
	HOUSE-KEEPING	DECK / ROOF		✓		✓		✓		✓		✓		✓		✓
		SURROUNDING AREA		✓		✓		✓		✓		✓		✓		✓
		INITIALS:	CL		CL		CL		CL		CL		CL		✓	
SECOND INSPECTION	FURNACE 1	EXHAUST EMISSIONS		✓		✓		✓		✓		✓		✓		
		CULLET FEED LEAKS		✓		✓		✓		✓		✓		✓		
		CYCLONE		✓		✓		✓		✓		✓		✓		
		FILTER PRESSURE DROP (" H_2O)	1.0		1.2		1.2		1.2		1.4		1.5			
	FURNACE 2	EXHAUST EMISSIONS		✓		✓		✓		✓		✓		✓		
		CULLET FEED LEAKS		✓		✓		✓		✓		✓		✓		
		CYCLONE		✓		✓		✓		✓		✓		✓		
		FILTER PRESSURE DROP (" H_2O)	1.6		1.6		1.6		1.7		1.9		2.0			
	HOUSE-KEEPING	DECK / ROOF		✓		✓		✓		✓		✓		✓		
		SURROUNDING AREA		✓		✓		✓		✓		✓		✓		
		INITIALS:	CL		CL		CL		CL		CL		CL			

Record ALL findings and corrective actions **DATE, TIME & INITIALS**

RECORD ALL FILTER REPLACEMENTS and/or CLEANING

PRE FILTERS TO BE CLEANED WEEKLY AT MINIMUM

PRESSURE DROP NEVER TO BE OUTSIDE 1.0" - 5.0" RANGE

QUARTERLY INSPECTION: DROP-BOX VEINS, CYCLONE INTEGRITY

3/26/15 7:30 AM CL
Fixed leak on Furnace #1 Feed pipe

BEAD PLANT DAILY DUST CONTROL LOG

MONDAY'S DATE: 3/16/15 **CHECK CRITERIA TWICE PER SHIFT (6 TIMES PER DAY)** *START NEW SHEET FOR NEW MONTH*

1st Shift

EXHAUST EMISSIONS: YES/ visible particulate leaving blower
CULLET FEED LEAKS: YES/ feed/emissions leaking from elevator, pipes, splitters
CYCLONE: YES/ cyclone plugged, backed-up
DECK/ROOF & SURROUNDING AREA: YES/ accumlation of feed or particulate

CHECK CRITERIA for each, initial after
EXPLAIN ANY YES CHECK IN NOTES

			MON		TUES		WED		THUR		FRI		SAT		SUN	
			Y	N	Y	N	Y	N	Y	N	Y	N	Y	N	Y	N
FIRST INSPECTION	FURNACE 1	EXHAUST EMISSIONS						✓								
		CULLET FEED LEAKS						✓								
		CYCLONE						✓								
		FILTER PRESSURE DROP (" H_2O)						1.0								
	FURNACE 2	EXHAUST EMISSIONS						✓								
		CULLET FEED LEAKS						✓								
		CYCLONE						✓								
		FILTER PRESSURE DROP (" H_2O)						2.0								
	HOUSE-KEEPING	DECK / ROOF						✓								
		SURROUNDING AREA						✓								
		INITIALS:						[illegible]								
SECOND INSPECTION	FURNACE 1	EXHAUST EMISSIONS						✓								
		CULLET FEED LEAKS						✓								
		CYCLONE						✓								
		FILTER PRESSURE DROP (" H_2O)						1.1								
	FURNACE 2	EXHAUST EMISSIONS						✓								
		CULLET FEED LEAKS						✓								
		CYCLONE						✓								
		FILTER PRESSURE DROP (" H_2O)						2.0								
	HOUSE-KEEPING	DECK / ROOF						✓								
		SURROUNDING AREA						✓								
		INITIALS:						[illegible]								

Record ALL findings and corrective actions **DATE, TIME & INITIALS**
RECORD ALL FILTER REPLACEMENTS and/or CLEANING
PRE-FILTERS TO BE CLEANED WEEKLY AT MINIMUM
PRESSURE DROP NEVER TO BE OUTSIDE 1.0" - 5.0" RANGE
QUARTERLY INSPECTION: DROP-BOX VEINS, CYCLONE INTEGRITY

3/19/15 No first shift
3/20/15 No first shift

BEAD PLANT DAILY DUST CONTROL LOG

MONDAY'S DATE: 3/16/15 **CHECK CRITERIA TWICE DAILY (DAY & NIGHT)**

START NEW SHEET FOR NEW MONTH

EXHAUST EMISSIONS: YES/ visible particulate leaving blower

CULLET FEED LEAKS: YES/ feed/emissions leaking from elevator, pipes, splitters

CYCLONE: YES/ cyclone plugged, backed-up

DECK/ROOF & SURROUNDING AREA: YES/ accumlation of feed or particulate

CHECK CRITERIA for each, initial after

EXPLAIN ANY YES CHECK IN NOTES

			MON		TUES		WED		THUR		FRI		SAT		SUN	
			Y	N	Y	N	Y	N	Y	N	Y	N	Y	N	Y	N
AM INSPECTION	FURNACE 1	EXHAUST EMISSIONS		✓		✓										
		CULLET FEED LEAKS		✓		✓										
		CYCLONE		✓		✓										
		FILTER PRESSURE DROP (" H_2O)	1.0		1.0											
	FURNACE 2	EXHAUST EMISSIONS		✓		✓										
		CULLET FEED LEAKS		✓		✓										
		CYCLONE		✓		✓										
		FILTER PRESSURE DROP (" H_2O)	1.8		1.9											
	HOUSE-KEEPING	DECK / ROOF		✓		✓										
		SURROUNDING AREA		✓		✓										
		INITIALS:	[illegible]		[illegible]											
PM INSPECTION	FURNACE 1	EXHAUST EMISSIONS		✓		✓										
		CULLET FEED LEAKS		✓		✓										
		CYCLONE		✓		✓										
		FILTER PRESSURE DROP (" H_2O)	1.0		.9											
	FURNACE 2	EXHAUST EMISSIONS		✓		✓										
		CULLET FEED LEAKS		✓		✓										
		CYCLONE		✓		✓										
		FILTER PRESSURE DROP (" H_2O)	1.8		1.9											
	HOUSE-KEEPING	DECK / ROOF		✓		✓										
		SURROUNDING AREA		✓		✓										
		INITIALS:	[illegible]		BD											

Record ALL findings and corrective actions **DATE, TIME & INITIALS**

RECORD ALL FILTER REPLACEMENTS and/or CLEANING

PRE-FILTERS TO BE CLEANED WEEKLY AT MINIMUM

PRESSURE DROP NEVER TO BE OUTSIDE 0.5" - 5.0" RANGE

QUARTERLY INSPECTION: DROP-BOX VEINS, CYCLONE INTEGRITY

BEAD PLANT DAILY DUST CONTROL LOG

MONDAY'S DATE: 3/9/15

START NEW SHEET FOR NEW MONTH

CHECK CRITERIA TWICE DAILY (DAY & NIGHT)

EXHAUST EMISSIONS: YES/NO visible particulate leaving blower

CULLET FEED LEAKS: YES/NO feed/emissions leaking from elevator, pipes, splitters

CYCLONE: YES/NO cyclone plugged, backed-up

DECK/ROOF & SURROUNDING AREA: YES/NO accumlation of feed or particulate

CHECK Y/N for each, initial after

EXPLAIN ANY YES CHECK IN NOTES

			MON		TUES		WED		THUR		FRI		SAT		SUN	
			Y	N	Y	N	Y	N	Y	N	Y	N	Y	N	Y	N
AM INSPECTION	FURNACE 1	EXHAUST EMISSIONS		✓		✓		✓		✓		✓				✓
		CULLET FEED LEAKS		✓		✓		✓		✓		✓				✓
		CYCLONE		✓		✓		✓		✓		✓				✓
	FURNACE 2	EXHAUST EMISSIONS		✓		✓		✓		✓		✓				✓
		CULLET FEED LEAKS		✓		✓		✓		✓		✓				✓
		CYCLONE		✓		✓		✓		✓		✓				✓
	HOUSE-KEEPING	DECK / ROOF		✓		✓		✓		✓		✓				✓
		SURROUNDING AREA		✓		✓		✓		✓		✓				✓
		INITIALS:	R		ER		R		R		R					
PM INSPECTION	FURNACE 1	EXHAUST EMISSIONS		✓		✓		✓		✓		✓				
		CULLET FEED LEAKS		✓		✓		✓		✓		✓				
		CYCLONE		✓		✓		✓		✓		✓				
	FURNACE 2	EXHAUST EMISSIONS		✓		✓		✓		✓		✓				
		CULLET FEED LEAKS		✓		✓		✓		✓		✓				
		CYCLONE		✓		✓		✓		✓		✓				
	HOUSE-KEEPING	DECK / ROOF		✓		✓		✓		✓		✓				
		SURROUNDING AREA		✓		✓		✓		✓		✓				
		INITIALS:	BB		BB		BB		BB		BB					

NOTES: Record ALL findings and corrective actions DATE &TIME

Fixed hole in elevator on #2
3/9 BB

3/11 Fixed hole in feeder pipe on #1
& hole in elevator on #2
BB

3/13 Fixed Hole in feeder Pipe;
Lower left side #1 R
& fixed Leak in Bucket Elevator
on #2 R

BEAD PLANT DAILY DUST CONTROL LOG

MONDAY'S DATE: 3/30/15 **CHECK CRITERIA TWICE PER SHIFT (6 TIMES PER DAY)**

START NEW SHEET FOR NEW MONTH

3rd Shift

EXHAUST EMISSIONS: YES/ visible particulate leaving blower

CULLET FEED LEAKS: YES/ feed/emissions leaking from elevator, pipes, splitters

CYCLONE: YES/ cyclone plugged, backed-up

DECK/ROOF & SURROUNDING AREA: YES/ accumlation of feed or particulate

CHECK CRITERIA for each, initial after

EXPLAIN ANY YES CHECK IN NOTES

			MON		TUES		WED		THUR		FRI		SAT		SUN	
			Y	N	Y	N	Y	N	Y	N	Y	N	Y	N	Y	N
FIRST INSPECTION	FURNACE 1	EXHAUST EMISSIONS		✓		✓		✓								
		CULLET FEED LEAKS		✓		✓		✓								
		CYCLONE		✓		✓		✓								
		FILTER PRESSURE DROP (" H_2O)	.8		.8		.9									
	FURNACE 2	EXHAUST EMISSIONS		✓		✓		✓								
		CULLET FEED LEAKS		✓		✓		✓								
		CYCLONE		✓		✓		✓								
		FILTER PRESSURE DROP (" H_2O)	.8		.8		1.0									
	HOUSE-KEEPING	DECK / ROOF		✓		✓		✓								
		SURROUNDING AREA		✓		✓		✓								
		INITIALS:	CL		CL		CL									
SECOND INSPECTION	FURNACE 1	EXHAUST EMISSIONS		✓		✓		✓								
		CULLET FEED LEAKS		✓		✓		✓								
		CYCLONE		✓		✓		✓								
		FILTER PRESSURE DROP (" H_2O)	.8		.9		.9									
	FURNACE 2	EXHAUST EMISSIONS		✓		✓		✓								
		CULLET FEED LEAKS		✓		✓		✓								
		CYCLONE		✓		✓		✓								
		FILTER PRESSURE DROP (" H_2O)	.8		.9		1.0									
	HOUSE-KEEPING	DECK / ROOF		✓		✓		✓								
		SURROUNDING AREA		✓		✓		✓								
		INITIALS:	CL		CL		CL									

Record ALL findings and corrective actions **DATE, TIME & INITIALS**

RECORD ALL FILTER REPLACEMENTS and/or CLEANING

PRE-FILTERS TO BE CLEANED WEEKLY AT MINIMUM

PRESSURE DROP NEVER TO BE OUTSIDE 1.0" - 5.0" RANGE

QUARTERLY INSPECTION: DROP-BOX VEINS, CYCLONE INTEGRITY

3-31/15 6:15 Am CL Fixed hole in Feed pipe on #1

BEAD PLANT DAILY DUST CONTROL LOG

MONDAY'S DATE: 3/23/15 **CHECK CRITERIA TWICE PER SHIFT (6 TIMES PER DAY)** *START NEW SHEET FOR NEW MONTH*

3rd Shift

EXHAUST EMISSIONS: YES/ visible particulate leaving blower
CULLET FEED LEAKS: YES/ feed/emissions leaking from elevator, pipes, splitters
CYCLONE: YES/ cyclone plugged, backed-up
DECK/ROOF & SURROUNDING AREA: YES/ accumlation of feed or particulate

CHECK CRITERIA for each, initial after
EXPLAIN ANY YES CHECK IN NOTES

			MON		TUES		WED		THUR		FRI		SAT		SUN	
			Y	N	Y	N	Y	N	Y	N	Y	N	Y	N	Y	N
FIRST INSPECTION	FURNACE 1	EXHAUST EMISSIONS		✓		✓		✓		✓		✓		✓		✓
		CULLET FEED LEAKS		✓		✓		✓		✓		✓		✓		✓
		CYCLONE		✓		✓		✓		✓		✓		✓		✓
		FILTER PRESSURE DROP (" H_2O)	1.0		1.1		1.1		1.1		1.5		1.5		1.7	
	FURNACE 2	EXHAUST EMISSIONS		✓		✓		✓		✓		✓		✓		✓
		CULLET FEED LEAKS		✓		✓		✓		✓		✓		✓		✓
		CYCLONE		✓		✓		✓		✓		✓		✓		✓
		FILTER PRESSURE DROP (" H_2O)	1.0		1.8		1.8		1.7		1.9		2.0		1.8	
	HOUSE-KEEPING	DECK / ROOF		✓		✓		✓		✓		✓		✓		✓
		SURROUNDING AREA		✓		✓		✓		✓		✓		✓		✓
		INITIALS:	CL		BG		BG		BG		BG		BG		[illegible]	
SECOND INSPECTION	FURNACE 1	EXHAUST EMISSIONS		✓		✓		✓		✓		✓		✓		✓
		CULLET FEED LEAKS		✓		✓		✓		✓		✓		✓		✓
		CYCLONE		✓		✓		✓		✓		✓		✓		✓
		FILTER PRESSURE DROP (" H_2O)	1.0		1.1		1.2		1.3		1.4		1.6		1.7	
	FURNACE 2	EXHAUST EMISSIONS		✓		✓		✓		✓		✓		✓		✓
		CULLET FEED LEAKS		✓		✓		✓		✓		✓		✓		✓
		CYCLONE		✓		✓		✓		✓		✓		✓		✓
		FILTER PRESSURE DROP (" H_2O)	1.4		1.7		1.9		1.8		2.0		2.1		1.8	
	HOUSE-KEEPING	DECK / ROOF		✓		✓		✓		✓		✓		✓		✓
		SURROUNDING AREA		✓		✓		✓		✓		✓		✓		✓
		INITIALS:	CL		CL		CL		CL		CL		BG		[illegible]	

Record ALL findings and corrective actions **DATE, TIME & INITIALS**

RECORD ALL FILTER REPLACEMENTS and/or CLEANING
PRE-FILTERS TO BE CLEANED WEEKLY AT MINIMUM
PRESSURE DROP NEVER TO BE OUTSIDE 1.0" - 5.0" RANGE
QUARTERLY INSPECTION: DROP-BOX VEINS, CYCLONE INTEGRITY

BEAD PLANT DAILY DUST CONTROL LOG

MONDAY'S DATE: 3/16/15 **CHECK CRITERIA TWICE PER SHIFT (6 TIMES PER DAY)** *START NEW SHEET FOR NEW MONTH*

3rd Shift

EXHAUST EMISSIONS: YES/ visible particulate leaving blower

CULLET FEED LEAKS: YES/ feed/emissions leaking from elevator, pipes, splitters

CYCLONE: YES/ cyclone plugged, backed-up

DECK/ROOF & SURROUNDING AREA: YES/ accumlation of feed or particulate

CHECK CRITERIA for each, initial after

EXPLAIN ANY YES CHECK IN NOTES

			MON		TUES		WED		THUR		FRI		SAT		SUN	
			Y	N	Y	N	Y	N	Y	N	Y	N	Y	N	Y	N
FIRST INSPECTION	FURNACE 1	EXHAUST EMISSIONS														
		CULLET FEED LEAKS								✓		✓				
		CYCLONE								✓		✓				
		FILTER PRESSURE DROP (" H_2O)								✓		✓				
	FURNACE 2	EXHAUST EMISSIONS							1.0		.9					
		CULLET FEED LEAKS								✓		✓				
		CYCLONE								✓		✓				
		FILTER PRESSURE DROP (" H_2O)								✓		✓				
	HOUSE-KEEPING	DECK / ROOF							2.0		1.8					
		SURROUNDING AREA								✓		✓				
		INITIALS:								✓		✓				
SECOND INSPECTION	FURNACE 1	EXHAUST EMISSIONS							CL		CL					
		CULLET FEED LEAKS								✓		✓				
		CYCLONE								✓		✓				
		FILTER PRESSURE DROP (" H_2O)								✓		✓				
	FURNACE 2	EXHAUST EMISSIONS							1.1		1.0					
		CULLET FEED LEAKS								✓		✓				
		CYCLONE								✓		✓				
		FILTER PRESSURE DROP (" H_2O)								✓		✓				
	HOUSE-KEEPING	DECK / ROOF							2.1		2.0					
		SURROUNDING AREA								✓		✓				
		INITIALS:								✓		✓				
							CL		CL							

Record ALL findings and corrective actions **DATE, TIME & INITIALS**

RECORD ALL FILTER REPLACEMENTS and/or CLEANING

PRE-FILTERS TO BE CLEANED WEEKLY AT MINIMUM

PRESSURE DROP NEVER TO BE OUTSIDE 1.0" - 5.0" RANGE

QUARTERLY INSPECTION: DROP-BOX VEINS, CYCLONE INTEGRITY

3/20/15 11:15 DB/CL Fixed Hole in Feeder Pipe

BEAD PLANT DAILY DUST CONTROL LOG

MONDAY'S DATE: 3/30/15 **CHECK CRITERIA TWICE PER SHIFT (6 TIMES PER DAY)** *START NEW SHEET FOR NEW MONTH*

2nd Shift

EXHAUST EMISSIONS: YES/ visible particulate leaving blower
CULLET FEED LEAKS: YES/ feed/emissions leaking from elevator, pipes, splitters
CYCLONE: YES/ cyclone plugged, backed-up
DECK/ROOF & SURROUNDING AREA: YES/ accumlation of feed or particulate

CHECK CRITERIA for each, initial after
EXPLAIN ANY YES CHECK IN NOTES

			MON		TUES		WED		THUR		FRI		SAT		SUN	
			Y	N	Y	N	Y	N	Y	N	Y	N	Y	N	Y	N
FIRST INSPECTION	FURNACE 1	EXHAUST EMISSIONS		✓		✓										
		CULLET FEED LEAKS		✓		✓										
		CYCLONE		✓		✓										
		FILTER PRESSURE DROP (" H_2O)	.7		.9											
	FURNACE 2	EXHAUST EMISSIONS		✓		✓										
		CULLET FEED LEAKS		✓		✓										
		CYCLONE		✓		✓										
		FILTER PRESSURE DROP (" H_2O)	.8		.8											
	HOUSE-KEEPING	DECK / ROOF		✓		✓										
		SURROUNDING AREA		✓		✓										
		INITIALS:	BB		BB											
SECOND INSPECTION	FURNACE 1	EXHAUST EMISSIONS		✓		✓										
		CULLET FEED LEAKS		✓		✓										
		CYCLONE		✓		✓										
		FILTER PRESSURE DROP (" H_2O)	.9		.9											
	FURNACE 2	EXHAUST EMISSIONS		✓		✓										
		CULLET FEED LEAKS		✓		✓										
		CYCLONE		✓		✓										
		FILTER PRESSURE DROP (" H_2O)	.8		.8											
	HOUSE-KEEPING	DECK / ROOF		✓		✓										
		SURROUNDING AREA		✓		✓										
		INITIALS:	CL		BB											

Record ALL findings and corrective actions **DATE, TIME & INITIALS**

RECORD ALL FILTER REPLACEMENTS and/or CLEANING
PRE-FILTERS TO BE CLEANED WEEKLY AT MINIMUM
PRESSURE DROP NEVER TO BE OUTSIDE 1.0" - 5.0" RANGE
QUARTERLY INSPECTION: DROP-BOX VEINS, CYCLONE INTEGRITY

3-29-15 - 4:00pm Cleaned pre-Filters
mains look good CL

BEAD PLANT DAILY DUST CONTROL LOG

MONDAY'S DATE: 3/23/15 **CHECK CRITERIA TWICE PER SHIFT (6 TIMES PER DAY)** *START NEW SHEET FOR NEW MONTH*

2nd Shift

EXHAUST EMISSIONS: YES/ visible particulate leaving blower
CULLET FEED LEAKS: YES/ feed/emissions leaking from elevator, pipes, splitters
CYCLONE: YES/ cyclone plugged, backed-up
DECK/ROOF & SURROUNDING AREA: YES/ accumlation of feed or particulate

CHECK CRITERIA for each, initial after
EXPLAIN ANY YES CHECK IN NOTES

			MON		TUES		WED		THUR		FRI		SAT		SUN	
			Y	N	Y	N	Y	N	Y	N	Y	N	Y	N	Y	N
FIRST INSPECTION	FURNACE 1	EXHAUST EMISSIONS		✓		✓		✓		✓		✓		✓		
		CULLET FEED LEAKS		✓		✓		✓		✓		✓		✓		
		CYCLONE		✓		✓		✓		✓		✓		✓		
		FILTER PRESSURE DROP (" H_2O)	1.0		1.1		1.1		1.6		1.5		.6			
	FURNACE 2	EXHAUST EMISSIONS		✓		✓		✓		✓		✓		✓		
		CULLET FEED LEAKS		✓		✓		✓		✓		✓		✓		
		CYCLONE		✓		✓		✓		✓		✓		✓		
		FILTER PRESSURE DROP (" H_2O)	1.7		1.8		1.7		1.8		1.9		1			
	HOUSE-KEEPING	DECK / ROOF		✓		✓		✓		✓		✓		✓		
		SURROUNDING AREA		✓		✓		✓		✓		✓		✓		
		INITIALS:	BB		BB		BB		BB		BB		[illegible]			
SECOND INSPECTION	FURNACE 1	EXHAUST EMISSIONS		✓		✓		✓		✓		✓		✓		
		CULLET FEED LEAKS		✓		✓		✓		✓		✓		✓		
		CYCLONE		✓		✓		✓		✓		✓		✓		
		FILTER PRESSURE DROP (" H_2O)	1.0		1.1		1.1		1.2		1.5		.6			
	FURNACE 2	EXHAUST EMISSIONS		✓		✓		✓		✓		✓		✓		
		CULLET FEED LEAKS		✓		✓		✓		✓		✓		✓		
		CYCLONE		✓		✓		✓		✓		✓		✓		
		FILTER PRESSURE DROP (" H_2O)	1.8		1.8		1.7		1.8		2.0		1			
	HOUSE-KEEPING	DECK / ROOF		✓		✓		✓		✓		✓		✓		
		SURROUNDING AREA		✓		✓		✓		✓		✓		✓		
		INITIALS:	BB		BB		BB		BB		BB		[illegible]			

Record ALL findings and corrective actions **DATE, TIME & INITIALS**

RECORD ALL FILTER REPLACEMENTS and/or CLEANING
PRE FILTERS TO BE CLEANED WEEKLY AT MINIMUM
PRESSURE DROP NEVER TO BE OUTSIDE 1.0" - 5.0" RANGE
QUARTERLY INSPECTION: DROP-BOX VEINS, CYCLONE INTEGRITY

BEAD PLANT DAILY DUST CONTROL LOG

MONDAY'S DATE: 3/16/15 **CHECK CRITERIA TWICE PER SHIFT (6 TIMES PER DAY)** *START NEW SHEET FOR NEW MONTH*

2nd Shift

EXHAUST EMISSIONS: YES/ visible particulate leaving blower
CULLET FEED LEAKS: YES/ feed/emissions leaking from elevator, pipes, splitters
CYCLONE: YES/ cyclone plugged, backed-up
DECK/ROOF & SURROUNDING AREA: YES/ accumlation of feed or particulate

CHECK CRITERIA for each, initial after
EXPLAIN ANY YES CHECK IN NOTES

			MON		TUES		WED		THUR		FRI		SAT		SUN	
			Y	N	Y	N	Y	N	Y	N	Y	N	Y	N	Y	N
FIRST INSPECTION	FURNACE 1	EXHAUST EMISSIONS						✓		✓						
		CULLET FEED LEAKS						✓		✓						
		CYCLONE						✓		✓						
		FILTER PRESSURE DROP (" H_2O)					1.1		1.0							
	FURNACE 2	EXHAUST EMISSIONS						✓		✓						
		CULLET FEED LEAKS						✓		✓						
		CYCLONE						✓		✓						
		FILTER PRESSURE DROP (" H_2O)					2.0		1.8							
	HOUSE-KEEPING	DECK / ROOF						✓		✓						
		SURROUNDING AREA						✓		✓						
		INITIALS:					BB		BB							
SECOND INSPECTION	FURNACE 1	EXHAUST EMISSIONS						✓		✓						
		CULLET FEED LEAKS						✓		✓						
		CYCLONE						✓		✓						
		FILTER PRESSURE DROP (" H_2O)					1.1		1.0							
	FURNACE 2	EXHAUST EMISSIONS						✓		✓						
		CULLET FEED LEAKS						✓		✓						
		CYCLONE						✓		✓						
		FILTER PRESSURE DROP (" H_2O)					2.1		2.0							
	HOUSE-KEEPING	DECK / ROOF						✓		✓						
		SURROUNDING AREA						✓		✓						
		INITIALS:					BB		BB							

Record ALL findings and corrective actions **DATE, TIME & INITIALS**

RECORD ALL FILTER REPLACEMENTS and/or CLEANING
PRE-FILTERS TO BE CLEANED WEEKLY AT MINIMUM
PRESSURE DROP NEVER TO BE OUTSIDE 1.0" - 5.0" RANGE
QUARTERLY INSPECTION: DROP-BOX VEINS, CYCLONE INTEGRITY

3/19/15 - 4:30 pm - BB - sweep furnace deck and fixed leak in middle day house and one on #2 Furnace

3/20/15 - No second Shift

Rotary Drier Baghouse/ Filter Box Log

MARCH 2015

DATE	Baghouse Reading	Filter Box Reading	Visual Inspection of Exhaust	1st Shift Baghouse clean-out	2nd Shift Baghouse clean-out	3rd Shift Baghouse clean-out	Filter Replacement
1	3.6	1.6	X	X	—	—	
2	1.6	2.4	X	X	X	X	X BC
3	2.6	3.4	X	X	X	X	
4	1.0	3.8	X	X	X	X	
5	.6	.2	X	X	X	X	
6	—	—	X	—	—	—	
7	3.2	.4	X	X			
8	2.4	.4	X	X	X	—	
9	2.4	2.2	X	X	X	—	
10	2.6	2.6	X	X	X	X	
11	1.8	3.6	X	X	X	X	
12	2.6	3.6	X	X	X	X	
13	2.4	[illegible]	X	X	X	X	
14	3.4	3.2	X	X	X	X	X BC
15	2.2	2.6	X	X	X	X	
16	2.2	2.0	X	X	X	X	
17	1.4	2.6	X	X	X	X	
18	3.0	2.4	X	X	X	X	X BC
19	2.6	3.0	X	X	X	X	
20	3.4	2.0	X	X	X	—	
21	2.2	2.8	X	X	—	—	
22	2.8	3.6	X	X	X	X	
23	3.0	1.6	X	X	X	X	
24	3.2	1.0	X	X	X	X	
25	.2	.2	X	X	X	X	
26	2.4	1.0	X	X	X	—	
27	3.0	.4	X	X	—	—	
28	3.2	.8	X	X	—	—	
29	4.2	.4	X	X	X	X	X Bob
30	3.8	.2	X	X	X	X	
31	—	—	X	X			

Maintenance Notes:

IRIT PLANT DAILY DUST CONTROL LOG

START NEW SHEET FOR NEW MONTH

MONDAY'S DATE: 3-30-15 **CHECK CRITERIA TWICE DAILY (DAY & NIGHT)**

EXHAUST EMISSIONS: YES/ visible particulate leaving blower/air exits

BUILDING EMISSIONS: YES/ feed/emissions escaping, including elevator house

OUTSIDE BAGHOUSE PRESSURE DROP: Record reading: Not to be outside of 1.0"-5.0"

DRIER FILTER BOX: Record pressure drop: Not to be outside of 0.2"-4.0"

AIR FLOW DIRECTION: YES/ Air moving from inside building to outside

Check with streamers attached todoors and/or supplied flagged pole

DRIER BAGHOUSE PRESSURE DROP: Record reading: Not to be outside of 1.0"-5.0"

RECORD: When a pressure drop is outside range and note the corrective action. I.E. Filter replacement, shaking baghouse/emptying hoppers

CHECK EACH CRITERIAL, initial after

EXPLAIN ANY YES CHECK IN NOTES

			MON		TUES		WED		THUR		FRI		SAT		SUN	
			Y	N	Y	N	Y	N	Y	N	Y	N	Y	N	Y	N
AM INSPECTION	OUTSIDE BAG-HOUSE	EXHAUST EMISSIONS		X		X										
		PRESSURE DROP (" H_2O)	2.0		2.6											
	DRIER Emission Control	EXHAUST EMISSIONS														
		FILTER BOX PRESSURE DROP														
		BAGHOUSE PRESSURE DROP														
	BUILDING EMISSIONS			X		X										
	OVERHEAD DOOR AIR FLOW			X		X										
	EAST MAN DOOR AIR FLOW			X		X										
	SOUTH MAN DOOR AIR FLOW			X		X										
	INITIALS:		BK		BK											
PM INSPECTION	OUTSIDE BAG-HOUSE	EXHAUST EMISSIONS		X		X										
		PRESSURE DROP (" H_2O)	2.2		2.8											
	DRIER Emission Control	EXHAUST EMISSIONS														
		FILTER BOX PRESSURE DROP														
		BAGHOUSE PRESSURE DROP														
	BUILDING EMISSIONS			X		X										
	OVERHEAD DOOR AIR FLOW			X		X										
	EAST MAN DOOR AIR FLOW			X		X										
	SOUTH MAN DOOR AIR FLOW			X		X										
	INITIALS:		BK		BK											

ALL RECORDINGS MUST HAVE DATE, TIME & INITIALS

RECORD ALL FILTER REPLACEMENTS & CLEANING

WEEKLY VELOCITY READING THROUGH DOORWAY

WEEKLY OUTSIDE BAGHOUSE INSPECTION

MONTHLY OUTDOOR BAGHOUSE DYE CHECK

3/30/15 Door Velocity 185 ft/min

→ BAD WIND DK

GRIT PLANT DAILY DUST CONTROL LOG

MONDAY'S DATE: 3-23-15

START NEW SHEET FOR NEW MONTH

CHECK CRITERIA TWICE DAILY (DAY & NIGHT)

EXHAUST EMISSIONS: YES/ visible particulate leaving blower/air exits

BUILDING EMISSIONS: YES/ feed/emissions escaping, including elevator house

OUTSIDE BAGHOUSE PRESSURE DROP: Record reading: Not to be outside of 1.0"-5.0"

DRIER FILTER BOX: Record pressure drop: Not to be outside of 0.2"-4.0"

AIR FLOW DIRECTION: YES/ Air moving from inside building to outside

Check with streamers attached to doors and/or supplied flagged pole

DRIER BAGHOUSE PRESSURE DROP: Record reading: Not to be outside of 1.0"-5.0"

RECORD: When a pressure drop is outside range and note the corrective action. I.E. Filter replacement, shaking baghouse/emptying hoppers

CHECK EACH CRITERIAL, initial after

EXPLAIN ANY YES CHECK IN NOTES

			MON		TUES		WED		THUR		FRI		SAT		SUN	
			Y	N	Y	N	Y	N	Y	N	Y	N	Y	N	Y	N
AM INSPECTION	OUTSIDE BAG-HOUSE	EXHAUST EMISSIONS		X		X		X		X		X		X		X
		PRESSURE DROP (" H_2O)	2.6		1.6		2.2		2.8		2.2		3.2		2.8	
	DRIER Emission Control	EXHAUST EMISSIONS														
		FILTER BOX PRESSURE DROP														
		BAGHOUSE PRESSURE DROP														
	BUILDING EMISSIONS			X		X		X		X		X		X		X
	OVERHEAD DOOR AIR FLOW			X		X		X		X		X		X		X
	EAST MAN DOOR AIR FLOW			X		X		X		X		X		X		X
	SOUTH MAN DOOR AIR FLOW			X		X		X		X		X		X		X
	INITIALS:		BK		BK		BK		BK		BK		BK		BK	
AM INSPECTION	OUTSIDE BAG-HOUSE	EXHAUST EMISSIONS		X		X		X		X		X				
		PRESSURE DROP (" H_2O)	2.6		1.8		2.8		2.0		2.8					
	DRIER Emission Control	EXHAUST EMISSIONS														
		FILTER BOX PRESSURE DROP														
		BAGHOUSE PRESSURE DROP														
	BUILDING EMISSIONS			X		X		X		X		X				
	OVERHEAD DOOR AIR FLOW			X		X		X		X		X				
	EAST MAN DOOR AIR FLOW			X		X		X		X		X				
	SOUTH MAN DOOR AIR FLOW			X		X		X		X		X				
	INITIALS:		BK		BK		BK		BK		BK					

ALL RECORDINGS MUST HAVE DATE, TIME & INITALS

RECORD ALL FILTER REPLACEMENTS & CLEANING

WEEKLY VELOCITY READING THROUGH DOORWAY

WEEKLY OUTDOOR BAGHOUSE VISUAL INSPECTION

MONTHLY OUTDOOR BAGHOUSE DYE CHECK

3-24-15 Shook & Check bag house #5 O.K. Bob

3-26-15 Shock -N- Check bag house #5 OK Bob

3-26-15 Baghouse Dye Check No leaks ADW

3-29-15 Shook -N- Check bag house # 5 O.K. Bob

3/24/15 Door Air Velocity 210 ft/min DK

GRIT PLANT DAILY DUST CONTROL LOG

MONDAY'S DATE: 3/16/15 **CHECK CRITERIA TWICE DAILY (DAY & NIGHT)**

START NEW SHEET FOR NEW MONTH

EXHAUST EMISSIONS: YES/ visible particulate leaving blower/air exits

BUILDING EMISSIONS: YES/ feed/emissions escaping, including elevator house

OUTSIDE BAGHOUSE PRESSURE DROP: Record reading: *Not to be outside of 1.0" 5.0"*

DRIER FILTER BOX: Record pressure drop: *Not to be outside of 0.2" 4.0"*

AIR FLOW DIRECTION: YES/ Air moving from inside building to outside

Check with streamers attached to doors and/or supplied flagged pole

DRIER BAGHOUSE PRESSURE DROP: Record reading: *Not to be outside of 1.0" 5.0"*

RECORD: When a pressure drop is outside range and note the corrective action. I.E. Filter replacement, shaking baghouse/emptying hoppers

CHECK EACH CRITERIAL, initial after

EXPLAIN ANY YES CHECK IN NOTES

			MON		TUES		WED		THUR		FRI		SAT		SUN	
			Y	N	Y	N	Y	N	Y	N	Y	N	Y	N	Y	N
AM INSPECTION	OUTSIDE BAG-HOUSE	EXHAUST EMISSIONS				X		X		X		X		X		X
		PRESSURE DROP (" H_2O)			3.0		2.0		2.6		3.8		1.4		2.2	
	DRIER Emission Control	EXHAUST EMISSIONS														
		FILTER BOX PRESSURE DROP														
		BAGHOUSE PRESSURE DROP														
	BUILDING EMISSIONS					X		X		X		X		X		X
	OVERHEAD DOOR AIR FLOW					X		X		X		X		X		X
	EAST MAN DOOR AIR FLOW					X		X		X		X		X		X
	SOUTH MAN DOOR AIR FLOW					X		X		X		X		X		X
	INITIALS:				BK		BK		BK		BK		BK		DK	
PM INSPECTION	OUTSIDE BAG-HOUSE	EXHAUST EMISSIONS				X		X		X		X		X		
		PRESSURE DROP (" H_2O)			3.0		2.2		2.6		3.6		2.0			
	DRIER Emission Control	EXHAUST EMISSIONS				X										
		FILTER BOX PRESSURE DROP														
		BAGHOUSE PRESSURE DROP														
	BUILDING EMISSIONS					X		X		X		X		X		
	OVERHEAD DOOR AIR FLOW					X		X		X		X		X		
	EAST MAN DOOR AIR FLOW					X		X		X		X		X		
	SOUTH MAN DOOR AIR FLOW					X		X		X		X		X		
	INITIALS:				BK		BK		BK		BK		BK			

ALL RECORDINGS MUST HAVE DATE, TIME & INITALS

RECORD ALL FILTER REPLACEMENTS & CLEANING

WEEKLY VELOCITY READING THROUGH DOORWAY

WEEKLY OUTDOOR BAGHOUSE VISUAL INSPECTION

MONTHLY OUTDOOR BAGHOUSE DYE CHECK

Shook bag house check
O.K. 3-18-15 Bob

Shock bag house check
O.K. 3-21-15 Also
Changed Dust bags But

No
Second
or
Third
Shift
Sun - 3-22-15

3/19/15 DOOR AIR VELOCITY 235 ft/min
DK

Grit Plant Daily Dust Control Log

	Date		3/12	3/13	3/14	3/15	3/16	3/17	3/18	Notes
Visible Emissions from Building	AM	Yes								Shook bag house #5 Check o.k. Bob 3/14
		No	✓	✓	✓	✓	✓	✓		
	PM	Yes								
		No	✓	✓	✓	✓	✓			
Baghouse Emissions	AM	Yes								
		No	✓	✓	✓	✓	✓	✓		
	PM	Yes								
		No	✓	✓	✓	✓	✓			

Additional Notes:

Grit Plant Daily Dust Control Log

		Date	3/5	3/6	3/7	3/8	3/9	3/10	3/11	Notes
Visible Emissions from Building	AM	Yes								
		No	✓	✓	✓	✓	✓	✓	✓	Shook bag house 3/ #5 check ok. Ba
	PM	Yes								
		No	✓	✓	✓	—	✓	✓	✓	
Baghouse Emissions	AM	Yes								
		No	✓	✓	✓	✓	✓	✓	✓	
	PM	Yes								
		No	✓	✓	✓	—	✓	✓	✓	

Additional Notes:

Grit Plant Daily Dust Control Log

		Date	2/26	2/27	2/28	3/1	3/2	3/3	3/4	Notes
Visible Emissions from Building	AM	Yes								Shook bag house #5 Check O.K. Bob 2/26/15
		No	✓	✓	✓	✓	✓	✓	✓	
	PM	Yes								
		No	✓	✓		—	✓	✓	✓	
Baghouse Emissions	AM	Yes								
		No	✓	✓	✓	✓	✓	✓	✓	
	PM	Yes								
		No	✓	✓		—	✓	✓	✓	

dditional Notes:

→ NO second shift

2-26-15 Dye checked Baghouse. No leaks. ADW