

May 16, 2016

Greg Grunow
Oregon Department of Environmental Quality
700 NE Multnomah Street
Portland, OR 97232

**Re: PCC Small Structurals Business Operation Air Discharge Permit 03-2674
NC 028538 Completion Notice—Dust Collection System Enhancements**

Dear Greg:

On 2/19/2016, PCC Structurals, Inc. (PCC) Small Structurals Business Operation (SSBO) notified the state of PCC's intent to proceed with upgrades to SSBO's particulate emission control systems that would provide significant reductions in plant site emissions. The projects included installation of baghouse controls on the SSBO torch burnoff booth exhaust, rerouting the existing swing grind booth cyclone to an existing baghouse, and installation of baghouse controls on the SSB1 torch burnoff booth exhaust. These projects have now been completed, and, as such, we are submitting the attached AQ104C Completion Notice. While adding these controls is beyond anything required by the DEQ air permitting program, it is consistent with our goal of continuous improvement.

As we discussed, the actual equipment installed at SSBO was modified from the original application, and, as agreed, we are submitting revised AQ304 forms to describe the equipment modifications. The final projects, as completed, consist of the following:

- The SSBO torch burnoff booth exhaust is now controlled by Baghouse #2019.
- The swing grind booth is now controlled by Baghouse #4398, which is dedicated to the operation, and the cyclone has been retired.
- The SSB1 torch burnoff booth exhaust is now controlled by a new A.C.T. baghouse.

Please call me or Sherry Uchtyl if you have any questions about this notification or any of the attached documents.

Sincerely,

For PCC STRUCTURALS, INC. by:




Chris Myers
Director EHS

NOTICE OF APPROVED CONSTRUCTION COMPLETION

Return this form within 30 days of completion of approved construction

NC Application Number:	028538
Permit Number (if applicable):	03-2674-ST-01
Company Name:	PCC Structural, Inc. – SSBO
Street Address:	Mail: 4600 SE Harney Drive Physical: *NO MAIL* 13340 SE 84 th Ave
City, State, Zip Code:	Mail: Portland OR 97206 Physical: *NO MAIL* Clackamas, OR 97015
Contact Person:	Sherry Uchytel
Phone Number:	503-777-7683
Brief description of installed facility/equipment:	Installed new high performance baghouse #9164 to control exhaust from existing SSB1 Torch Burnoff Booth. Redirected exhaust from SSBO Torch Burnoff Booths from roof to existing baghouse #2019. Redirected exhaust from Swing Grind cyclone to baghouse #4398. Revised AQ304 forms are attached.
Date construction completed:	4/22/2016
Date placed into operation:	4/22/2016
Do you wish to apply for tax credits (yes/no):	No

Signature	
<i>I certify that the information contained in this notice, including any schedules and exhibits attached to the notice, are true and correct to the best of my knowledge and belief.</i>	
Name of official:	Chris Myers
Title of official:	Division EHS Director
Phone number of official:	503-777-3881
Date	5/16/16
Signature of official	

SUBMIT THE COMPLETED NOTICE OF APPROVED CONSTRUCTION COMPLETION FORM TO THE DEPARTMENT REGIONAL OFFICE SHOWN BELOW FOR THE AREA THAT THE SOURCE IS LOCATED:

Oregon Department of Environmental Quality		
Eastern region, Air Quality 475 NE Bellevue Drive, Suite 110 Bend, OR 97701	Northwest Region, Air Quality 700 NE Multnomah Street, Suite 600 Portland, OR 97232	Western Region, Air Quality 4026 Fairview Industrial Drive Salem, OR 97302

**BAGHOUSE
CONTROL DEVICE INFORMATION**

**AQ304
ANSWER SHEET**

Facility Name: PCC Structurals, Inc. SSBO Permit Number: 03-2674

1.	Control Device ID	SSBO Baghouse #2019
2.	Process/Device(s) Controlled	Torch Burnoff Booths
3.	Year installed	Repurposed 2016
4.	Manufacturer/ Model No.	FFNW 196-10
5.	Control Efficiency in %	Per bag manufacturer: 99.998% RE @ 2.5 micron 99.998% RE @ 10 micron
6.	Type of cleaning mechanism and frequency	Row Pulse – 13 seconds
7.	Design inlet gas flow rate (acfm)	25,650 ACFM
8.	Number of bags	196 Bags
9.	Design air-to-cloth ratio	10:1
10.	Design pressure drop (inches of water)	0.1 – 10.0" WC
11.	Inlet gas pretreatment? (yes/no) If yes, list control device ID and complete a separate control device form	NO

1. Enter the control device identification label.
2. Enter the processes and/ or devices controlled by this unit. May use ID labels or descriptions.
3. Enter the year the control device was, or will be installed.
4. Enter the manufacturer and model number of the control device.
5. Enter the rated control efficiency, in percent, for the control device.
6. Describe the baghouse cleaning mechanism (shaker, pulse jet, reverse air, etc.).
Specify the frequency with which cleaning is performed.
7. Enter the design inlet gas flow rate (actual cubic feet per minute).
8. Enter the number of bags that make up the baghouse.
9. Enter the design air to cloth ratio (square feet of total bag surface area divided by air flow).
10. Enter the design pressure drop across the baghouse (inches of water).
11. Describe/List any inlet gas pretreatment systems/devices. If the pretreatment systems are separate control devices, complete the appropriate control device description form for each device.

**BAGHOUSE
CONTROL DEVICE INFORMATION**

**AQ304
ANSWER SHEET**

Facility Name: PCC Structurals, Inc. SSBO Permit Number: 03-2674

1.	Control Device ID	SSBO Swing Grind Baghouse #4398
2.	Process/Device(s) Controlled	Metals from swing grind operations
3.	Year installed	Placed back into service: 2016
4.	Manufacturer/ Model No.	Torit 2DF12
5.	Control Efficiency in %	Per filter manufacturer: Minimum 99.9% RE @ 10 micron
6.	Type of cleaning mechanism and frequency	Row pulse, 6 seconds
7.	Design inlet gas flow rate (acfm)	5800 CFM
8.	Number of bags	12 filters
9.	Design air-to-cloth ratio	2.13:1
10.	Design pressure drop (inches of water)	0.1 – 8.0" WC
11.	Inlet gas pretreatment? (yes/no) If yes, list control device ID and complete a separate control device form	No

1. Enter the control device identification label.
2. Enter the processes and/ or devices controlled by this unit. May use ID labels or descriptions.
3. Enter the year the control device was, or will be installed.
4. Enter the manufacturer and model number of the control device.
5. Enter the rated control efficiency, in percent, for the control device.
6. Describe the baghouse cleaning mechanism (shaker, pulse jet, reverse air, etc.).
Specify the frequency with which cleaning is performed.
7. Enter the design inlet gas flow rate (actual cubic feet per minute).
8. Enter the number of bags that make up the baghouse.
9. Enter the design air to cloth ratio (square feet of total bag surface area divided by air flow).
10. Enter the design pressure drop across the baghouse (inches of water).
11. Describe/List any inlet gas pretreatment systems/devices. If the pretreatment systems are separate control devices, complete the appropriate control device description form for each device.

**BAGHOUSE
CONTROL DEVICE INFORMATION**

**AQ304
ANSWER SHEET**

Facility Name: PCC Structurals, Inc. SSBO Permit Number: 03-2674

1.	Control Device ID	SSB1 Torch Burnoff Baghouse #9164
2.	Process/Device(s) Controlled	Metals from torch burnoff operation.
3.	Year installed	2016
4.	Manufacturer/ Model No.	A.C.T /ACT4-16
5.	Control Efficiency in %	99.99% @ 0.5 micron per manufacturer
6.	Type of cleaning mechanism and frequency	Reverse Pulse – 2.5" WC
7.	Design inlet gas flow rate (acfm)	4000 ACFM
8.	Number of bags	16 cartridges
9.	Design air-to-cloth ratio	0.98:1
10.	Design pressure drop (inches of water)	0.1 to 10" WC
11.	Inlet gas pretreatment? (yes/no) If yes, list control device ID and complete a separate control device form	NO

1. Enter the control device identification label.
2. Enter the processes and/ or devices controlled by this unit. May use ID labels or descriptions.
3. Enter the year the control device was, or will be installed.
4. Enter the manufacturer and model number of the control device.
5. Enter the rated control efficiency, in percent, for the control device.
6. Describe the baghouse cleaning mechanism (shaker, pulse jet, reverse air, etc.).
Specify the frequency with which cleaning is performed.
7. Enter the design inlet gas flow rate (actual cubic feet per minute).
8. Enter the number of bags that make up the baghouse.
9. Enter the design air to cloth ratio (square feet of total bag surface area divided by air flow).
10. Enter the design pressure drop across the baghouse (inches of water).
11. Describe/List any inlet gas pretreatment systems/devices. If the pretreatment systems are separate control devices, complete the appropriate control device description form for each device.