

May 16, 2016

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

**Re: PCC Large Parts Campus Air Discharge Permit 26-1867-ST-01
NC 028537 Completion Notice--Dust Collection System Enhancements**

Dear Greg:

On 2/19/2016, PCC Structurals, Inc. (PCC) Large Parts Campus (LPC) notified the state of PCC's intent to proceed with upgrades to LPC's particulate emission control systems that would provide significant reductions in plant site emissions. 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.

The projects that have been completed are as follows:

- Installation of baghouse controls including HEPA after-filters on the LPC Cheetah saw and burnoff operation exhausts;
- Addition of HEPA after-filters on the exhaust from the two LPCS ASC baghouses (ingot grinding cell and ingot robot cell);
- Addition of HEPA after-filters on the exhaust from the LPCS Donaldson Day baghouse;
- Addition of HEPA after-filters on the exhaust from the LPCS grinding baghouse; and
- Installation of a cyclone upstream of the gritblast baghouse to reduce inlet load and enhance baghouse filtration performance.

As we discussed, we are submitting a revised AQ304 form that states the updated flow rate for the new baghouse with HEPA after-filters servicing the LPC Cheetah saw and burnoff operations.

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:	028537
Permit Number (if applicable):	26-1867
Company Name:	PCC Structural, Inc. LPC
Street Address:	400 SE Harney Drive
City, State, Zip Code:	Portland OR 97206
Contact Person:	Sherry Uchytel
Phone Number:	503-777-7683
Brief description of installed facility/equipment:	Install 2 new baghouses equipped with HEPA filters, and install HEPA filters on 4 existing baghouses that service metal cutting, grinding, torching operations. Revised AQ304 form attached.
Date construction completed:	5/16/2016
Date placed into operation:	5/16/2016
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. LPC Permit Number: 26-1867

1.	Control Device ID	LPCS Torch Burnoff Booths & Cheetah Saw Baghouse with HEPA filter #TBD
2.	Process/Device(s) Controlled	Metals from torch cutting and saw cutting metal castings
3.	Year installed	2016
4.	Manufacturer/ Model No.	(2) Donaldson Torit Baghouses: Model DFE 5-180 (2) Donaldson Torit HEPA filter units 3HX4W Ultra-Lok HEPA after filters
5.	Control Efficiency in %	Baghouse Cartridges: 99.9% @ PM 10 HEPA filters: 99.97% @ PM 10, PM 0.3
6.	Type of cleaning mechanism and frequency	Baghouse: Pulse Jet cartridges HEPA filter: Static
7.	Design inlet gas flow rate (acfm)	65,000 ACFM each baghouse
8.	Number of bags	Baghouse: 360 cartridges. HEPA Filters: 72 filters
9.	Design air-to-cloth ratio	Baghouse: 1.42 : 1 HEPA filters: NA
10.	Design pressure drop (inches of water)	Baghouse cartridges: 6 " WC, HEPA filters: 1-4" 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.