



# Oregon

Kate Brown, Governor

Department of Environmental Quality

Northwest Region

700 NE Multnomah St Ste 600

Portland, OR 97232-4100

(503) 229-5263

FAX (503) 229-6945

TTY 711

Jan. 25, 2018

Eric E Durrin  
Bullseye Glass Company  
3722 SE 21<sup>st</sup> Avenue  
Portland OR 97202

Re: **Type 1 Notice to Construct**  
Permit No.: 26-3135-ST-01  
Application No.: 029648

DEQ has received your NC application on Jan. 23, 2017. Based on the information submitted in this application, DEQ has determined this construction/modification is a Type 1 change and you may proceed with construction 10 days after DEQ received your notification. In Accordance with OAR 340-210-0240, (3)(a) & (3)(b), notification of completion and start up of modification must be received by the Department within 30 days.

In addition to meeting the air quality standards, your facility is also obligated to operate in compliance with the daytime and nighttime noise standards set forth in Oregon Administrative Rule (OAR) 340-35-035(1).

Sincerely,

Edith M McMorrine, Permit Coordinator  
Air Quality Program Northwest Region



# BULLSEYE

**GLASS CO.**

January 23, 2108

Mr. Dave Kauth  
Oregon Department of Environmental Quality  
Northwest Region  
700 NE Multnomah Street, Suite 600  
Portland, OR 97232

3722 SE 21st  
Portland OR  
9 7 2 0 2  
U S A

TELEPHONE  
503 232\*8887

FACSIMILE  
503 238\*9963

**Re: Bullseye Glass Company  
Type 1 NOC Application  
ACDP No. 26-3135-ST-01**

Dear Mr. Kauth:

Enclosed please find two copies of Bullseye Glass Company's Type 1 Notice of Intent to Construct. Included are the following materials:

- DEQ Form AQ104
- DEQ Form AQ304
- Attachments

If you have any questions as you review these documents, please do not hesitate to contact me.

Sincerely,

Eric E. Durrin  
Controller

Attachments

2 copies of Type 1 NOC application

NOTICE OF INTENT TO CONSTRUCT



State of Oregon  
Department of  
Environmental  
Quality

FOR DEQ USE ONLY	
Permit Number: 26 3135	Regional Office: NW12
Application No: 029648	Date Received: 01/23/19

1. Source Number: 26-3135	
2. Company	3. Facility Location
Legal Name: Bullseye Glass Co., Inc.	Name: Bullseye Glass Company
Ownership type: Corporation	Plant start date: July 1974
Mailing Address:	Street Address:
3722 S.E. 21st Avenue	3722 S.E. 21st Avenue
City, State, Zip Code:	City, County, Zip Code:
Portland, OR 97202	Portland, OR 97202
4. Number of Employees (corporate): 150	Number of Employees (plant site): 125

5. Facility Contact Person	6. Industrial Classification Code(s)
Name: Eric Durrin	SIC: 3211
Title: Controller	NAICS: 327211
Phone number: 503-232-8887	7. Type of construction/change: (see instructions)  Type 1
Fax number: 503-238-9963	
e-mail address: EricDurrin@bullseyeglass.com	

8. 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>	
Eric E. Durrin	Controller
Name of official (Printed or Typed)	Title of official and phone number
	01/23/2018
Signature of official	Date



**Construction Information**

9. Description of proposed construction:

Expansion of a baghouse system on existing batch glass melting furnaces. Any two of three baghouses will have sufficient capacity to control emissions from all twenty furnaces. However, they may be operated as parallel or redundant units.

- 10. Will the construction increase the capacity of the facility?  If yes, how much?
- 11. Will the construction increase pollutant emissions?  If yes, how much (see question 19) ?
- 12. Will the construction cause new pollutant emissions?  If yes, which pollutants and how much?
- 13. Estimated timing of construction.
  - a. Commence date:
  - b. Begin date:
  - c. Completion date:
- 14. Will tax credits be requested once construction is completed?
- 15. Attach relevant forms from Form Series AQ200, Device/Process Forms.
- 16. Attach relevant forms from Form Series AQ300, Control Device Description Forms, if applicable.
- 17. Attach process flow diagram.
- 18. Attach a city map or drawing showing the facility location.
- 19. If applicable, attach a Land Use Compatibility Statement.



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**NOTICE OF INTENT TO CONSTRUCT**

**FORM AQ104  
ANSWER SHEET**

**Emissions Data**

**20. Pre-and Post-Construction emissions summary data**

a. Emissions Point	b. Pollutant	c. Pre-Construction Emissions		d. Post-Construction Emissions	
		short-term (specify unit)	Annual (tons/year)	short-term (specify unit)	Annual (tons/year)
BHW-1,2,3	PM	0.18 lb/ton	0.128	0.18 lb/ton	0.185

**SUBMIT TWO COPIES OF THE COMPLETED NOTICE OF INTENT TO CONSTRUCT TO THE DEPARTMENT REGIONAL OFFICE SHOWN BELOW:**

Oregon Department of Environmental Quality  
Northwest Region  
700 NE Multnomah Street, Suite 600  
Portland, OR 97232

Particulate Matter Emission Factor<sup>1</sup>: 0.18 lb/ton

<sup>1</sup> Montrose Air Quality Services, Source Test Report, Bullseye Glass Company, Test Dates March 26-28, 2107  
Report Issued: May 12, 2017, Table 1-3, Baghouse BHW Outlet

Project Production Data

Estimated Annual Production 2051 tons/year  
Maximum Theoretical Potential to Emit 3179.8 tons/year (max. melt capacity for all furnaces operating 365 d/yr)

PM Emission Estimate

Estimate Actuals: PM (tpy)	$\frac{0.18 \text{ lb}}{\text{ton}}$	$\frac{2051 \text{ ton}}{\text{year}}$	$\frac{1 \text{ ton}}{2000 \text{ lb}}$	=	0.185 tpy
PTE (tpy)	$\frac{0.18 \text{ lb}}{\text{ton}}$	$\frac{3180 \text{ ton}}{\text{year}}$	$\frac{1 \text{ ton}}{2000 \text{ lb}}$	=	0.286 tpy



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**BAGHOUSE  
CONTROL DEVICE INFORMATION**

**FORM AQ304  
INSTRUCTIONS**

1. Enter the control device identification label (e.g., Bunker Baghouse, #1 Baghouse, BH-1, etc.)
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 (e.g., 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.



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**BAGHOUSE  
CONTROL DEVICE INFORMATION**

**FORM AQ304  
ANSWER SHEET**

Facility Name: **Bullseye Glass Company, Inc.**

Permit Number: **26-3135-ST-01**

1.	Control Device ID	BHW-1 (existing)	BHW-2 (existing)	BHW-3 (existing)
2.	Process/Device(s) Controlled	Glass Furnaces 1-18, 20, 21	Glass Furnaces 1-18, 20, 21	Glass Furnaces 1-18, 20, 21
3.	Year installed	2016	2016	2016
4.	Manufacturer/Model No.	Modular Industrial Baghouse MIB-21-T10 w/ pleated filters	Modular Industrial Baghouse MIB-21-T10 w/ pleated filters	Modular Industrial Baghouse MIB-21-T10 w/ pleated filters
5.	Control Efficiency (%)	99+%	99+%	99+%
6.	Type of cleaning mechanism and frequency	Pulse jet w/ compressed air	Pulse jet w/ compressed air	Pulse jet w/ compressed air
7.	Design inlet gas flow rate (acfm)	11,000	11,000	11,000
8.	Number of bags	72, Aramid w/ ePTFE Membrane	72, Aramid w/ ePTFE Membrane	72, Aramid w/ ePTFE Membrane
9.	Design air-to-cloth ratio	2.22	2.22	2.22
10.	Design pressure drop (inches of water)	2-11	2-11	2-11
11.	Inlet gas pretreatment? (yes/no) If yes, list control device ID and complete a separate control device form	no	no	no





**NOTICE OF INTENT TO CONSTRUCT**

**Emissions Data**



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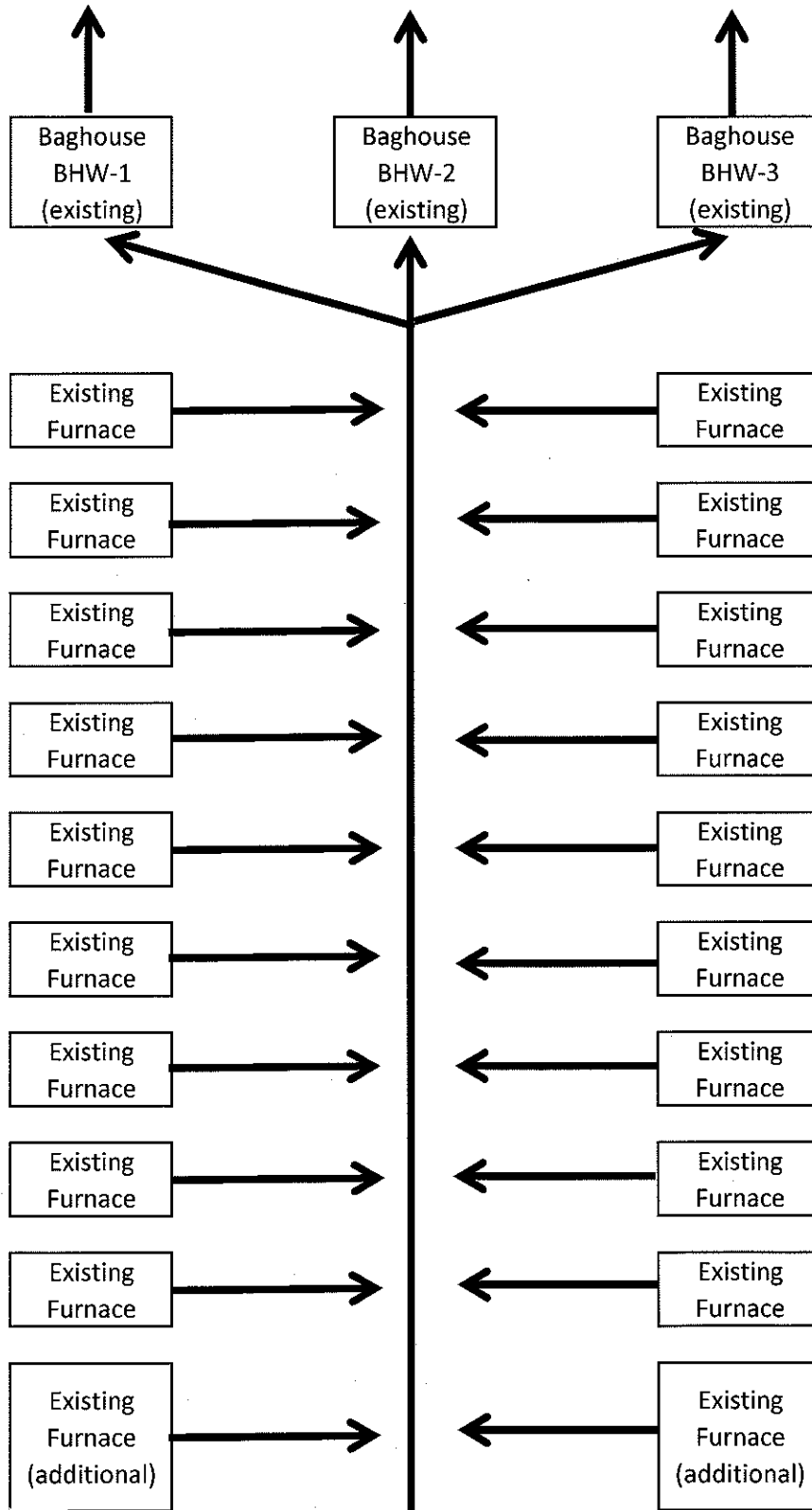
20. Pre-and Post-Construction emissions summary data

a. Emissions Point	b. Pollutant	c. Pre-Construction Emissions		d. Post-Construction Emissions	
		short-term (specify unit)	Annual (tons/year)	short-term (specify unit)	Annual (tons/year)
BHW-1,2,3	PM	0.18 lb/ton	0.128	0.18 lb/ton	0.185
Furnace 15	PM	8.56 lb/ton	1.357		0
Furnace 16	PM	8.56 lb/ton	1.357		0

Furnaces #15 and #16 will be connected to the BHW system. Post construction, the emissions point will be changed to BHW-1,2,3.

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Process Flow Diagram  
 Type 1 NOC Application  
 Bullseye Glass Company