



Invitation for Public Comment

January 13, 2007 to February 20, 2007, 5pm

Proposed Modification and Renewal of a Title V Air Permit for: Owens-Brockway Glass Container Inc.

Public Comments Accepted:
January 13, 2007 until February 20, 2007, 5pm

Permit No. 26-1876

What is being proposed?

Industrial sources of air pollution such as Owens-Brockway Container Inc. are required to have an air quality permit issued by DEQ, which is referred to as a Title V permit. Permits are issued by DEQ to regulate the type and amount of air emissions at a regulated facility. DEQ is planning to modify the Title V permit issued to Owens-Brockway and is inviting public comment on the proposed permitting action. The proposed permit action also serves as a renewal of an existing permit originally scheduled to expire on July 1, 2007. Oregon law requires facilities with a Title V permit to renew that permit every five years. Upon renewal, this permit will be effective for five years. During the comment period, the public is invited to make comments related to specific conditions within the proposed permit. The purpose of this Department initiated modification is to incorporate the requirements of New Source Performance Standards, subpart CC into the existing Title V Permit 26-1876. The NSPS subpart CC is applicable to glass melting furnaces GM1 and GM4 that Owens-Brockway operates. There have been no significant physical changes to the facility during the current permit term. The plant site emissions limits, all of the applicable requirements and associated monitoring, recordkeeping, and reporting requirements set forth in the existing permit are retained in the proposed permit. The proposed permit also establishes a generic level PSEL of 0.5 tons of Pb/yr, instead of grouping the Pb emissions under aggregate insignificant emissions.

Where is the facility located?

The facility is located at 9710 NE Glass Plant Road, Portland, OR 97220.

What does Owens-Brockway Glass Container Inc. do that affects air quality?

Owens-Brockway operates a glass manufacturing plant to produce a variety of glass bottles and jars from the post-consumer recycled glass with other essential raw materials. The glass-manufacturing steps include many areas of operations such as raw-material handling, blending, glass melting furnaces, glass forming, final bottle treatment, and the maintenance and support systems such as boiler and storage tanks. These processes emit air pollutants PM₁₀, CO, SO₂, NO_x, VOC, and Pb to atmosphere. The permit contains specific requirements that Owens-Brockway must adhere to in order to minimize the air emissions.

Meeting Air Quality Standards

Air quality in the City of Portland meets the standards established by the US Environmental Protection Agency (EPA) to protect public health. DEQ has determined that the air emissions from the Owens-Brockway facility will not result in a violation of those standards. DEQ is responsible for ensuring that the emission limits established by the facility's permit are not exceeded.

What pollutants are measured to determine limits?

EPA and DEQ use six key pollutants as indicators of air quality. These are known as "criteria pollutants" and are pollutants for which emission limits are established if emissions are greater than a regulated minimum level.

Permit emission limits

The table below presents the maximum allowable emissions for the facility. The Current Emission Limit reflects the maximum amount of emissions the facility can currently emit under their existing

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Air Quality
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Technical Contact:

George Yun
(503) 229-6093
yun.george@deq.state.or.us

Permit Coordinator:

Catherine Blaine
(503) 229-5582
blaine.catherine@deq.state.or.us

The draft permit and application may be reviewed at the office listed above. To schedule an appointment call Susan Curry at (503) 229-5554.

The draft permit may be viewed at:

Gregory Heights Library
7921 NE Sandy Blvd.
Portland, OR 97213
(503) 988-5386

The draft permit and draft review report can viewed online by clicking on the links below:

[Draft Permit](#)
[Draft Review Report](#)

Comments due by:

February 20, 2007, 5pm

More information may be obtained by visiting DEQ website at:

<http://www.oregon.gov/deq/>

DEQ is committed to accommodating people with disabilities. Please notify us with any specific needs, including alternate formats, to assist your review or to make comments.

permit. The Proposed Emission Limit reflects the maximum amount of emissions the facility would be able to emit under the proposed permit. Typically, a facility's actual emissions are less than the maximum limits established in a permit; however, actual emissions can increase up to the permitted limit.

Criteria Pollutants	Current Emission Limit (t/yr)	Proposed Emission Limit (t/yr)
Small Particulate Matter (PM ₁₀)	132	132
Nitrogen Oxides (NO _x)	711	711
Sulfur Dioxide (SO ₂)	313	313
Carbon Monoxide (CO)	99	99
Volatile Organic Compounds (VOC)	39	39
Lead (Pb)	--	0.5

What other DEQ permits are required?

Other permits issued to Owens-Brockway by the DEQ include the NPDES permits 100J and 1200H. The Owens-Brockway facility is a registered hazardous waste generator, EPA RCRA ID #ORD0090266.

What is Owens-Brockway's compliance history?

The Department issued NON AQ-04-008 on February 25, 2004 for exceeding the 20% opacity limit on multiple occasions and for a failure to conduct visible emissions monitoring on Furnace D (i.e., GM4) as required in the permit. The Department issued another NON (AQ-NWR-04-025) on April 28, 2004 for once again missing the required visible emissions monitoring on Furnace D. The Department requested Owens-Brockway to submit a Notice of Construction (NC) with a time line to install Continuous Opacity Monitor (COM) on Furnace D. The case was referred to the Department's enforcement section with a recommendation to proceed with civil penalty assessment. Owens-Brockway in response installed Continuous Opacity Monitoring System (COMS) on glass melting furnace No.4 (GM4) on August of 2004. On April 20, 2005, Owens-Brockway also paid the civil penalty in the full amount of \$7,200. On August 18, 2006, the Department issued a warning letter (WL-NWR-AQ-06-077) for exceeding the 20% opacity limit on multiple occasions. The duration of the opacity excursions were all relatively short with the longest being 21 minutes, and the environmental impact due to these opacity excursions were determined to be minimal. No further enforcement action was required. DEQ will continue to inspect this facility on a regular schedule to ensure that they are complying with all permit conditions.

Are there any special considerations associated with this permit?

The permit contains the NSPS requirements applicable to Glass Melting Furnaces GM1 and GM4.

How do I participate?

DEQ welcomes your questions and comments. A copy of the proposed permit, permit application, and related documents are available at our Northwest Region for review. The draft permit and review report may be seen at the Gregory Heights Library, 7921 NE Sandy Blvd., Portland, OR 97213, (503) 988-5386 or online: [Draft Permit](#) and [Draft Review Report](#).

You may also contact us directly. See contact information at right on first page, and for mailing address and fax number. Written comments are due by 5:00 p.m. on February 20, 2007. We accept comments in writing, by e-mail, or in person during the scheduled public hearing. Please take into account any delays between servers so that e-mails are received before the deadline.

DEQ will schedule a public hearing if requested by 10 or more people, or by an authorized person representing an organization of at least 10 people.

What happens next?

After the comment period closes, DEQ will consider all comments received. DEQ may modify provisions in the proposed permit based upon comments received. **Ultimately, if a facility meets all legal requirements, DEQ will issue the facility's air quality permit following EPA review.**