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TEMPORARY ADMINISTRATIVE RULES
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I certify that the attached copies are true, full and correct copies of the TEMPORARY Rule(s) adopted on Upon filing, by the
Department of Environmental Quality 340

Agency and Division

Administrative Rules Chapter Number

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Rules Coordinator

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Address

To become effective 04/21/2016 through 10/17/2016.

RULE CAPTION

Air Quality 2016 Temporary Rules for Colored Art Glass Manufacturing

Not more than 15 words that reasonably identifies the subject matter of the agency's intended action.

RULEMAKING ACTION

Secure approval of new rule numbers with the Administrative Rules Unit prior to filing.

ADOPT:

340-244-9000, 340-244-9010, 340-244-9020, 340-244-9030, 340-244-9040, 340-244-9050, 340-244-9060, 340-244-9070, 340-244-9080, 340-244-9090

AMEND:

340-244-0010

SUSPEND:

Statutory Authority:

ORS 468.020, 468A.025, 468A.040, 468A.310

Other Authority:

Statutes Implemented:

Stats. Implemented: ORS 468A.025, & 468A.040

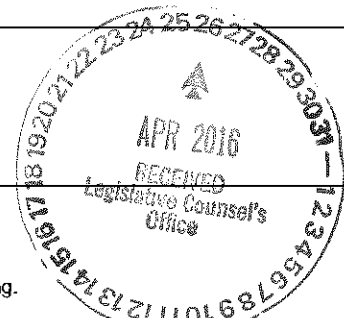
RULE SUMMARY

Studies have found elevated and possibly unsafe levels of metals in the air around two glass manufacturing facilities in Portland. In May 2015, DEQ received the initial results of a study the U.S. Forest Service conducted looking at moss samples as an indicator or screening tool for contaminants in the air. This study used a new approach with no standard operating procedures. The study's results showed that the moss samples in areas near two colored art glass manufacturers contained high levels of the heavy metals cadmium and arsenic in Southeast Portland and cadmium in North Portland.

This pilot study prompted DEQ to set up air monitoring systems near a glass company in Southeast Portland. The study collected 24-hour air samples every few days over a 30-day period in October 2015. The results of DEQ's air monitoring confirmed that the glass company was the likely source of metals air emissions. DEQ completed its quality assurance and quality control review of those samples in late January 2016. DEQ then shared its analysis of the findings with the Oregon Health Authority and the Multnomah County Health Department.

DEQ also identified a second area of concern near a glass company in North Portland. The glass companies were operating in compliance with the current law. One company was operating within its permit and the other company is not required to have a permit.

The U.S. Congress amended the Clean Air Act in 1990 to allow EPA to oversee the control of 188 hazardous air pollutants (HAPs) to protect human health. The EPA works with local and state governments to implement technologies that control the emission of these chemicals. For glass manufacturing the industry standards focus on emissions for large facilities, such as those that make beer bottles.



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