

## Notice Concerning Proposed Kansas Air Quality Construction Permit and Public Hearing

Notice is hereby given that the Kansas Department of Health and Environment (KDHE) is soliciting comments regarding a proposed air quality construction permit. Spirit AeroSystems, Inc. (Spirit) located at 3801 South Oliver St., Wichita, Kansas 67210, has applied for an air quality construction permit in accordance with the provisions of K.A.R. 28-19-300 to expand the production rate of its 737 production line.

Emissions of particulate matter (PM), PM with an aerodynamic diameter less than or equal to 10 micrometers (PM<sub>10</sub>), PM with an aerodynamic diameter less than or equal to 2.5 micrometers (PM<sub>2.5</sub>), sulfur dioxide (SO<sub>2</sub>), carbon monoxide (CO), volatile organic compounds (VOC), oxides of nitrogen (NO<sub>x</sub>), hazardous air pollutants (HAPs), lead, and greenhouse gases (GHGs) were evaluated as part of the permit review process.

The proposed permit is to be issued in accordance with the provisions of K.A.R. 28-19-350, *Prevention of Significant Deterioration* (PSD) which adopts the federal standards, procedures and requirements of 40 CFR 52.21 by reference. These air quality regulations apply to major stationary sources and major modifications of major stationary sources located in areas designated as “attainment” or “unclassifiable” under the federal Clean Air Act (CAA). Attainment areas are areas where the air quality meets or is better than the National Ambient Air Quality Standards (NAAQS).

The PSD regulations require evaluation of emission reduction techniques to identify the best available control technology (BACT) for each regulated pollutant, including GHGs, for which the emission rate exceeds the PSD significant level. The purpose of BACT is to affect the maximum degree of reduction achievable, taking into account energy, environmental and economic impacts for each regulated pollutant under review. Evaluation of the estimated emissions for the proposed Spirit’s 737 Expansion Project indicates that the emission rates of VOCs exceed the significant emission rate. Spirit conducted the required BACT analyses and KDHE concurs with their findings as follows:

- For the North Plant 2 Booth, the use of Emission Control Enclosures (ECEs) with a regenerative thermal oxidizer (RTO) and compliance with 40 CFR Part 63 Subpart GG, *National Emission Standards for Aerospace Manufacturing and Rework Facilities* (Aerospace NESHAP) are BACT for VOC.
- For IPB4 Spoven *booth and oven*, compliance with Aerospace NESHAP, the use of pipeline quality natural gas, and good combustion practices are BACT for VOC.
- For the two natural gas-fired sludge dryers, compliance with 40 CFR Part 63 Subpart DDDDD, the use of pipeline quality natural gas, and good combustion practices are BACT for VOC.

An ambient air quality impact analysis was performed on the potential air emissions of VOC from Spirit’s 737 Expansion Project.

- An ambient air quality analysis using a qualitative approach was performed on the potential VOC emissions from the proposed project. After considering data specific to the project and the area, the department has concluded that the proposed project will not cause or significantly contribute to air pollution in violation of any NAAQS. EPA has not established a 1-hour Class II maximum allowable increment for VOC or ozone. Therefore, no calculation of the potential consumption of such increment is possible.
- No adverse impacts on soils and vegetation in the area are expected. Any federal land manager who has reason to believe they may have a class I area adversely impacted by the emissions from the proposed project has the opportunity to present KDHE with a demonstration of the adverse impact on the air quality-related values of the federal class I area during the comment period.

A public comment period has been established to allow citizens the opportunity to express any concerns they may have about this proposed permitting action. The public comment period is to begin on Thursday, October 6, 2016. All comments should be submitted in writing to Josephine Boac, Bureau of Air, 1000 SW Jackson, Suite 310, Topeka, KS 66612-1366.

Any member of the public may request to hold a public hearing to provide comments on the proposed issuance of the draft air quality construction permit. A written request to hold a public hearing should be sent to the attention of Josephine Boac at the address listed above or by FAX to (785) 291-3953 and must be received by noon on Monday, November 7, 2016. *If a pertinent request is received, a public hearing is tentatively scheduled by the Kansas Department of Health and Environment (KDHE), on Wednesday, November 9, 2016, beginning at 5:00 p.m. and continuing until audience members have an opportunity to submit comments. The hearing is tentatively scheduled to be held at the Wichita Central Public Library, Patio Room, located at 223 S. Main Street, Wichita, Kansas 67202.* If no pertinent requests to hold the public hearing are received by noon Monday, November 7, 2016, the public hearing will be cancelled. A notice of the cancellation will be posted at the KDHE website at <http://www.kdheks.gov/bar/publicnotice.html>

If a hearing is conducted, all interested parties will be given a reasonable opportunity to present their views orally or by submission of written materials during the hearing. In order to give all parties an opportunity to present their views, it may be necessary to limit oral presentations to a specific time limit. Any individual with a disability may request accommodation in order to participate in the public hearing and may request the proposed materials in an accessible format. Requests for accommodation must be made no later than *Monday, October 31, 2016* by contacting *the Bureau of Air* at (785) 296-6281.

A copy of the proposed permit, permit application, all supporting documentation, and all information relied upon during the permit application review process for the PSD permit are available for public review for a period of 30 days from the date of publication during normal business hours (8:00 AM to 5:00 PM) at the KDHE, Bureau of Air (BOA), 1000 SW Jackson, Suite 310, Topeka, KS 66612-1366. A copy of the proposed permit and all supporting documentation can also be reviewed at the Wichita Department of Environmental Health (WDEH), 1900 East 9<sup>th</sup> St., Wichita, Kansas 67214. To obtain or review the proposed permit and supporting documentation, contact Josephine Boac, (785) 296-6281, at the KDHE central office, or the Wichita Department of Environmental Health (WDEH), (316) 268-8353. The standard departmental cost will be assessed for any copies requested.

These same materials are available, free of charge, at the KDHE Bureau of Air website, <http://www.kdheks.gov/bar/index.html>.

Susan Mosier, MD, Secretary  
Kansas Department of Health and Environment