

Public Notice
Proposed Issuance of a Prevention of Significant Deterioration Permit for
Keystone Steel and Wire Company, Peoria

Keystone Steel and Wire Company has applied to the Illinois Environmental Protection Agency (Illinois EPA) for a permit which would allow physical and operational improvements to the Arc Shop which would allow for an increase in steel production at 7000 S.W. Adams Street in Peoria. The improvements would be a major modification to a major source of air emissions pursuant to the federal "Prevention of Significant Deterioration" (40 CFR 52.21) rules.

The proposed project will be a major modification for emissions of nitrogen oxides (NO_x), sulfur dioxide (SO₂), carbon monoxide (CO), lead and particulate matter less than 10 microns in diameter (PM₁₀). The project is located in an area that is attainment for these emissions and is therefore subject to the Prevention of Significant Deterioration (PSD) rules. The Illinois EPA has determined that the proposals that the facility has outlined in their application for controlling emissions constitutes Best Available Control Technology (BACT).

The analysis of air quality impacts from this project is required by the PSD rules. The modeling indicates that there will not be a significant impact from the source to the CO 1-hour or 8-hour standard, or for the SO₂ annual standard. The amount of air quality increment allowed to be consumed by new sources is 25 micrograms per cubic meter (µg/m³) for the NO₂ annual standard, 30 µg/m³ for the PM₁₀ 24-hour standard, 17 µg/m³ for the PM₁₀ annual standard, 512 µg/m³ for the SO₂ 3-hour standard, 91 µg/m³ for the SO₂ 24-hour standard, and 20 µg/m³ for the SO₂ annual standard. The source will consume 5.5 µg/m³ of the NO₂ annual standard, 15.37 µg/m³ of the PM₁₀ 24-hour standard, 1.91 µg/m³ of the PM₁₀ annual standard, 113.06 µg/m³ of the SO₂ 3-hour standard, 23.08 µg/m³ of the SO₂ 24-hour standard, and 2.16 µg/m³ of the SO₂ annual standard.

Persons wanting more information may obtain copies of the draft permit, project summary and application at the Peoria Public Library, 107 N.E. Monroe Street in Peoria and at the Illinois EPA's offices at 5415 North University in Peoria, 309/693-5461 (please call ahead to assure that someone will be available to assist you) and 1340 North Ninth St., Springfield, 217/782-7027. Copies of the documents will be made available upon request.

Comments are requested on the proposed issuance of the permit. Comments must be postmarked by midnight May 19, 2000. If sufficient interest is expressed in the permit, a hearing may be held. Requests for information, comments, and questions should be directed to Brad Frost, Division of Air Pollution Control, Illinois Environmental Protection Agency, PO. Box 19506, Springfield, Illinois 62794-9506, phone 217/782-2113, TDD phone number 217/782-9143, or call toll free 1-888/372-1996 (if using the toll free number, please leave a message with you name, phone number, the facility you are calling about and that the message is for Brad Frost).