



Id. No. 039-00011 Reg. PD15-076

Company Clearon Corporation

Facility South Charleston Region 4

Initials GEM

west virginia department of environmental protection

Division of Air Quality
601 57th Street, SE
Charleston, WV 25304
Phone: 304/926-0475 • Fax: 304/926-0479

Earl Ray Tomblin, Governor
Randy C. Huffman, Cabinet Secretary
www.dep.wv.gov

MEMORANDUM

To: Beverly D. McKeone

From: Thornton E. Martin Jr., Permit Engineer

Date: October 05, 2015

Subject: PD15-076

On September 03, 2015, Clearon Corporation (South Charleston) submitted a request for a permit determination regarding the addition of a rented diesel-powered air compressor (K-109) to back up an existing K-109. A previous permit determination in March of 2008, for the existing K-109, was deemed the unit did not require a permit to construct or operate. The rented diesel-powered air compressor utilizes a Caterpillar C-18, 550 HP, diesel engine.

The potential to emit (PTE) is based on operation of the unit at its' rated capacity for 8,760 hours (1 Year) with no controls in place to limit emissions.

The diesel engine is EPA, tier III certified and emissions will be 2.75 lb/hr and 12.04 TPY of Nitrogen Oxides (NO_x), 2.17 lb/hr and 9.51 TPY of Carbon Monoxide (CO), 1.13 lb/hr and 4.94 TPY of Sulfur Dioxide (SO₂) and 0.14 lb/hr and 0.59 TPY of Particulate Matter less than 10 microns (PM₁₀) for 8,760 hours of operation with no controls.

Since the emission rates are below the emission limits of six (6) lb/hr and ten (10) TPY of any regulated air pollutant; 2 lb/hr, or 5 TPY of HAP's set forth set forth in 45CSR13 - 2.17.a&b. and does not trigger a substantive requirement of any State or Federal air quality regulation, the writer believes that no permit is required.

Entire Document
NON-CONFIDENTIAL