28-19-713. Applicability.

K.A.R. 28-19- 713 through K.A.R. 28-19-713d shall apply to the owner or operator of each stationary source located in Wyandotte or Johnson county that annually emits at least 1,000 tons of nitrogen oxides from the entire facility, based on an average of the total emissions for the 2005, 2006, and 2007 calendar years. The total emissions shall be the sum of the actual emissions and the potential-to-emit emissions for each calendar year. The actual emissions shall be calculated pursuant to K.A.R. 28- 19-210. If the actual emissions are more than 1,000 tons of nitrogen oxides for each calendar year, the potential-to-emit emissions may be excluded from the total emissions calculation. The potential-to-emit emissions shall be used for periods exceeding two weeks of operational inactivity due to maintenance, construction, or modification. (Authorized by K.S.A. 2009 Supp. 65-3005; implementing K.S.A. 65-3010; effective June 25, 2010.)

28-19-713a. Emission limitation requirements.

No owner or operator subject to K.A.R. 28-19-713 shall allow any emission unit to emit nitrogen oxides in excess of the following emission limitations based on a 30-day rolling average:

(a) From electric generating units, for the purposes of K.A.R. 28-19-713 through K.A.R. 28-19- 713d, the following:

(1) 0.26 pounds per million British thermal units (lbs/MMBtu) for unit 1, a turbo wall-fired Riley Stoker boiler located at the Nearman Creek power station in Kansas City, Kansas; and

(2) 0.20 lbs/MMbtu for unit 2, a wall-fired Riley Stoker boiler located at the Quindaro power station in Kansas City, Kansas; and (b) from flat glass furnaces, 7.0 pounds per ton of glass produced. (Authorized by K.S.A. 2009 Supp. 65-3005; implementing K.S.A. 65-3010; effective June 25, 2010.)

28-19-713b. Alternate emissions limit.

Each owner or operator of an emission unit subject to an emissions limit for nitrogen oxides specified in K.A.R. 28-19-713a(a) that is also subject to a more stringent Kansas or USEPA emissions limit for nitrogen oxides shall comply with the more stringent emissions limit for that emission unit. (Authorized by K.S.A. 2009 Supp. 65-3005; implementing K.S.A. 65-3010; effective June 25, 2010.)

28-19-713c. Control measures and equipment.

Each owner or operator of any emission unit subject to an emissions limit specified in K.A.R. 28-19-713a or K.A.R. 28-19-713b shall implement control measures and install, operate, and maintain equipment necessary to achieve these limits no later than 18 months after the effective date of this regulation. (Authorized by K.S.A. 2009 Supp. 65-3005; implementing K.S.A. 65-3010; effective June 25, 2010.)

28-19-713d. Compliance demonstration, monitoring, and reporting requirements.

No later than 24 months after the effective date of this regulation, each owner or operator of any emission unit subject to the nitrogen oxide emission limits specified in K.A.R. 28- 19-713a or K.A.R. 28-19-713b shall meet the following requirements:

(a) Demonstrate compliance with the applicable emissions limit by performing an emissions test in accordance with 40 C.F.R. 60.8, as adopted by reference in K.A.R. 28-19-720, and either of the following:

(1) Test method 7, 7A, 7C, 7D, or 7E in appendix A-4 to 40 C.F.R. part 60, as adopted by reference in K.A.R. 28-19-720; or

(2) any other USEPA test method approved by the department;

(b) ensure continuous compliance with the applicable emissions limit by installing, calibrating, maintaining, and operating a continuous emission monitoring system (CEMS) for nitrogen oxides that meets the requirements of 40 C.F.R. 60.13 and performance specification 2 in appendix B to 40 C.F.R. part 60, as adopted by reference in K.A.R. 28-19-720;

(c) certify the CEMS at least three months before the compliance demonstration required by subsection (a) pursuant to either of the following:

(1) The quality assurance procedures in appendix F to 40 C.F.R. part 60, as adopted by reference in K.A.R. 28-19-720; or

(2) an equivalent quality assurance procedure approved by the department; and

(d) document compliance by continuously monitoring and maintaining records of nitrogen oxide emissions. (Authorized by K.S.A. 2009 Supp. 65-3005; implementing K.S.A. 65-3010; effective June 25, 2010.)

EPA Rulemakings

CFR:	40 C.F.R. 52.870(c)
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Description:	Effective April 22, 2013, EPA is approving new regulations for nitrogen oxide emissions (K.A.R. 28-19-712 through 28-19-713d).

Difference Between the State and EPA-Approved Regulation

None.