**Section 217.244 Emissions Limitations**

a) On and after January 1, 2015, no person shall cause or allow emissions of NOx into the atmosphere from any reheat furnace, annealing furnace, or galvanizing furnace used in iron and steel making to exceed the following limitations. Compliance must be demonstrated with the applicable emissions limitation on an ozone season and annual basis.

|  |  |
| --- | --- |
| Emission Unit Type | Nox Emissions Limitation (lb/mmBtu) |
| Reheat furnace, regenerative | 0.18 |
| Reheat furnace, recuperative, combusting natural gas | 0.09 |
| Reheat furnace, recuperative, combusting a combination of natural gas and coke oven gas | 0.142 |
| Reheat furance, cold-air | 0.03 |
| Annealing furnace, regenerative | 0.38 |
| Annealing furnace, recuperative | 0.16 |
| Annealing furance, cold-air | 0.07 |
| Galvanizing furnace, regenerative | 0.46 |
| Galvanizing furnace, recuperative | 0.16 |
| Galvanizing furnace, cold air | 0.06 |

b) On and after January 1, 2015, no person shall cause or allow emissions of NOx into the atmosphere from any reverberatory furnace or crucible furnace used in aluminum melting to exceed the following limitations. Compliance must be demonstrated with the applicable emissions limitation on an ozone season and annual basis.

|  |  |
| --- | --- |
| Emission Unit Type | Nox Emissions Limitation (lb/mmBtu) |
| Reverberatory furnace | 0.08 |
| Crucible furnace | 0.16 |

(Source: Amended at 35 Ill. Reg. 14627, effective August 22, 2011)