

Figure: 30 TAC §117.423(b)(1)

$$Cap_{30day} = \sum_{i=1}^N (H_i \times R_i)$$

Where:

Cap_{30day} = the nitrogen oxides (NO_x) 30-day rolling average emission cap in pounds per day;

i = each emission unit in the emission cap;

N = the total number of emission units in the emission cap;

H_i = for units subject to §117.405 of this title, the actual historical average of the daily heat input for each unit included in the source cap, in million British thermal units per day (MMBtu/day), as certified to the executive director, for a 24 consecutive month period between January 1, 2012 and December 31, 2013. For units subject to §117.410 of this title, the actual historical average of the daily heat input for each unit included in the source cap, in MMBtu/day, as certified to the executive director, for a 24 consecutive month period between January 1, 2000, and December 31, 2001. All sources included in the source cap must use the same 24 consecutive month period. If sufficient historical data are not available for this calculation, the executive director and the United States Environmental Protection Agency may approve another method for calculating H_i; and

R_i = the lowest of:

- (i) the applicable NO_x emission specification of §117.405 or §117.410 of this title;
- (ii) any permit NO_x emission limit for any unit subject to a permit issued in accordance with Chapter 116 of this title (relating to Control of Air Pollution by Permits for New Construction or Modification), in pounds per million British thermal units (lb/MMBtu), that applies to emission unit i in the absence of trading, in the Dallas-Fort Worth eight-hour ozone nonattainment area, in effect on December 31, 2012, for units subject to §117.405 of this title, and December 31, 2000, for units subject to §117.410 of this title; and
- (iii) the actual emission rate as of the dates specified in clause (ii) of this figure. All calculations of emission rates must presume that emission controls in effect on the dates specified in clause (ii) of this figure are in effect for the two-year period used in calculating the actual heat input.